

# TREKELANO FIRST DRILL RESULTS

## 41m (TW~35m) @ 2.3% Cu, 0.5g/t Au

Carnaby Resources Limited (ASX: CNB) (**Carnaby** or the **Company**) is pleased to announce first drill assay results from the Trekelano Project in Mt Isa, Queensland.

### Highlights

#### Trekelano Inheritance Drill Results:

- **CBRC014 ASSAY RESULTS:**
  - 3m (TW~2m) @ 1.8% Cu, 0.2 g/t Au (159m)
  - AND 41m (TW~35m) @ 2.3% Cu, 0.5 g/t Au (169m)
- **CBRC004 ASSAY RESULTS:**
  - 29m (TW~25m) @ 1.2% Cu, 0.5 g/t Au (181m)
  - Including 12m (TW~10m) @ 2.1% Cu, 0.9g/t Au (198m)
- The exceptional assay results from the first two drill holes have confirmed the very significant true widths of the high grade copper-gold mineralisation beneath the historical Inheritance open pit.
- Significant exploration upside with the high grade plunge of the Inheritance mineralisation completely open at depth to the south.
- Drilling to complete Mineral Resource growth and Geotechnical and Metallurgical sampling is ongoing as part of a maiden ~3,400m program.

The Company's Managing Director, Rob Watkins commented:

"The Trekelano project is shaping up to be a key pillar of the Greater Duchess project along with our high grade discoveries at Mount Hope, Lady Fanny and Nil Desperandum. We believe these four deposits will form the backbone of a successful new mine development in the Mount Isa region. Trekelano has enormous scope to add material open pitable inventory and is being incorporated into the Pre-feasibility Study which is in full swing. The drill results released today are significant as they confirm the up to 50m true width of the high grade mineralisation that was intersected historically in vertical holes drilled from the bottom of the open pit. We look forward to further results."

### ASX Announcement

27 May 2025

#### Fast Facts

Shares on Issue 228.4M

Market Cap (@ 30 cents) \$68.5M

Cash \$17.7M<sup>1</sup>

<sup>1</sup>As at 31 March 2025.

#### Directors

Peter Bowler, Non-Exec Chairman

Rob Watkins, Managing Director

Greg Barrett, Non-Exec Director

Paul Payne, Non-Exec Director

#### Company Highlights

- Proven and highly credentialed management team.
- Tight capital structure and strong cash position.
- Greater Duchess Copper Gold Project, numerous camp scale IOCG deposits over 1,946 km<sup>2</sup> of tenure.
- Pro forma Mineral Resource Estimate at Greater Duchess: 27Mt @ 1.5% CuEq for 400kt CuEq.<sup>2</sup>
- Mount Hope, Nil Desperandum and Lady Fanny Iron Oxide Copper Gold discoveries within the Greater Duchess Copper Gold Project, Mt Isa inlier, Queensland.
- Pre-Feasibility Study for the Greater Duchess Copper Gold Project in progress with a targeted completion date in H2 CY2025.
- Binding Tolling and Offtake agreements signed with Glencore International AG.
- Gold projects near to De Grey's Hemi gold discovery on 397 km<sup>2</sup> of highly prospective tenure.

<sup>2</sup>Subject to completion of the Trekelano Acquisition. Refer to ASX release dated 28 November 2024 for details.

#### Registered Office

78 Churchill Avenue Subiaco Western Australia 6008

T: +61 8 6500 3236

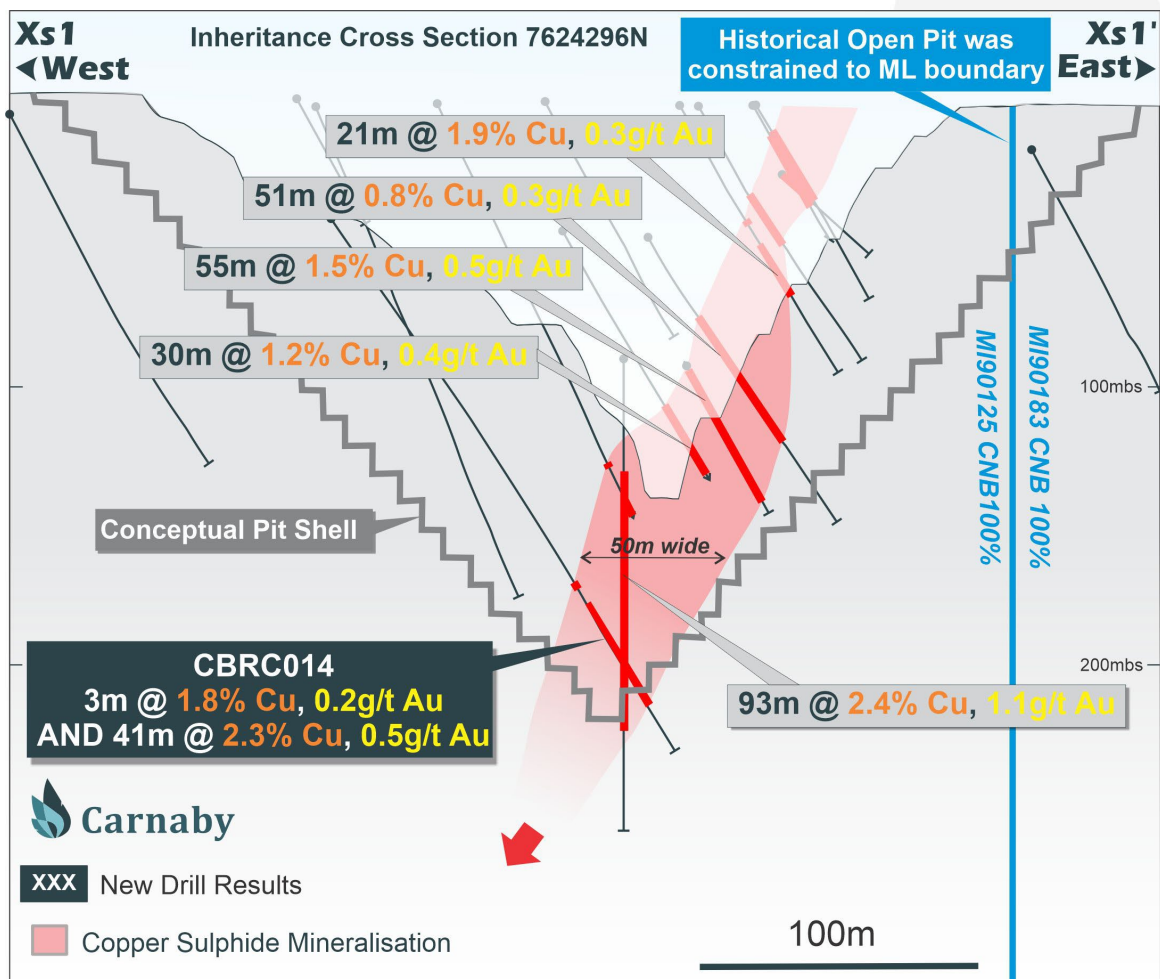
[www.carnabyresources.com.au](http://www.carnabyresources.com.au)

## GREATER DUCHESS COPPER GOLD PROJECT

### TREKELANO PROSPECT (CNB ACQUIRING 100%)

The maiden drilling program by Carnaby at Trekelano has intersected very significant high grade and broad zones of copper gold mineralisation beneath the historical Inheritance open pit mined by Barrick between 2006 and 2009. Towards the end of the open pit Barrick completed a series of vertical RC drill holes from close to the bottom of the open pit and intersected numerous very significant downhole drill results, including **93m @ 5.2% Cu & 1.2g/t Au from 55m, 93m @ 2.4% Cu & 1.1g/t Au from 40m, 118m @ 1.9% Cu & 0.7g/t Au from 33m and 128m @ 1.7% Cu & 0.4g/t Au from 32m** (see ASX release 28 November 2024). **Due to the Mining Lease boundary constraint on the eastern wall of the Inheritance during the Global Financial Crisis, this mineralisation remains unexploited** (Figure 1).

**Importantly, the results announced today have confirmed the very significant true widths of up to 50m in the broad downhole intersections from the historical vertical drill holes as shown in Figure 1.**



**Figure 1. Trekelano Inheritance Cross Section 7624296N.**

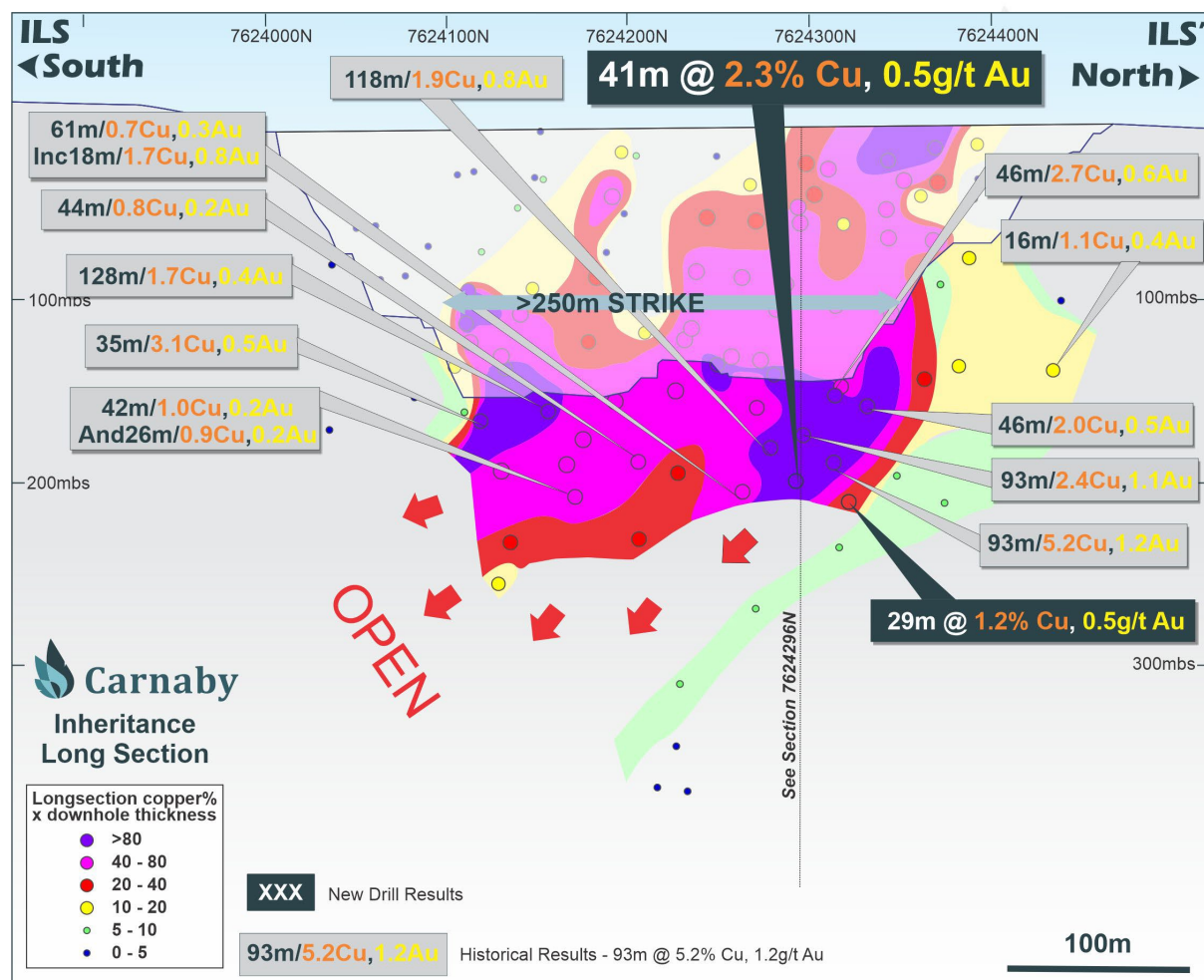
The drill intersections announced today represent the first results from a circa 3,400m drilling program which is in progress. A summary of the results from the first two holes is presented below. Full details of the drill holes are presented in Table 1 of Appendix 1;

#### **CBRC014 ASSAY RESULTS:**

- 3m (TW~2m) @ 1.8% Cu, 0.2 g/t Au (159m)
- AND 41m (TW~35m) @ 2.3% Cu, 0.5 g/t Au (169m)

#### **CBRC004 ASSAY RESULTS:**

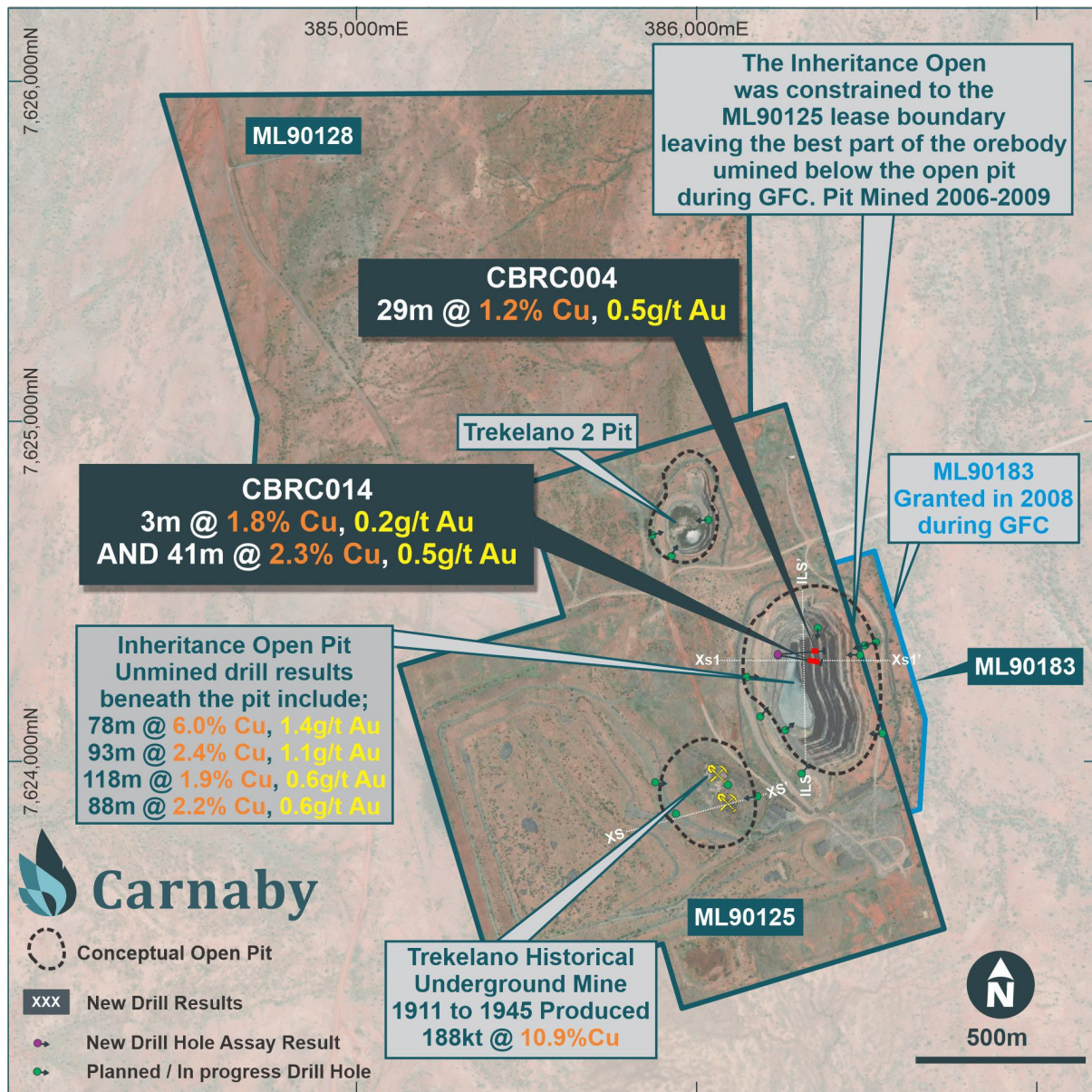
- 29m (TW~25m) @ 1.2% Cu, 0.5 g/t Au (181m)
- Including 12m (TW~10m) @ 2.1% Cu, 0.9g/t Au (198m)



**Figure 2. Inheritance Long Section showing location of new results.**

The Inheritance mineralisation has only been shallowly drilled beneath the historical open pit and a series of deeper historical holes appear to have missed the moderate south plunge of the mineralisation which remains completely open to the south (Figure 2). A moderate south plunge is common amongst several very significant deposits in the Mount Isa inlier including the giant Ernest Henry deposit.





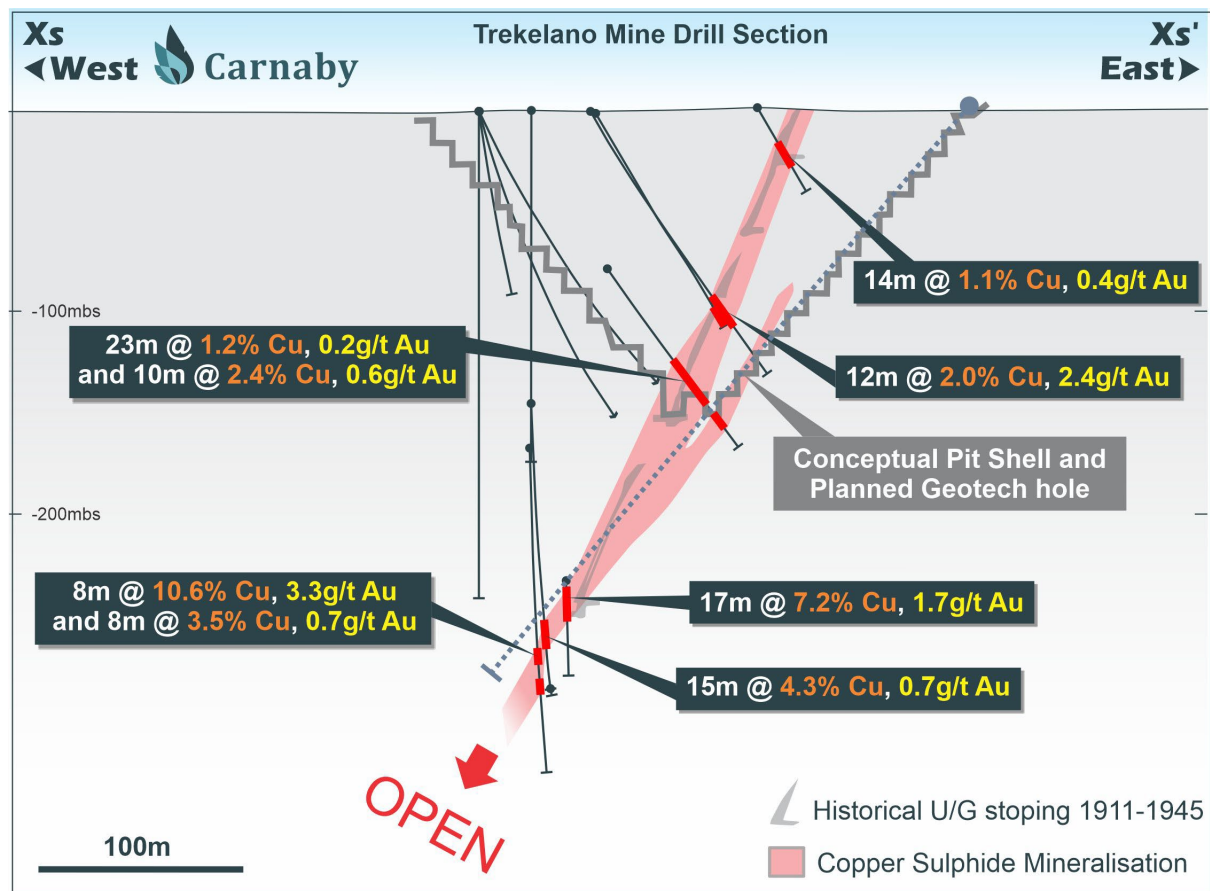
**Figure 3. Trekelano Plan Showing Location of New Drill Results.**

## Trekelano Exploration Upside

The Trekelano Project covering 371 Ha of granted mining leases remains very shallowly drilled beneath the existing three deposits and sparsely drilled along the fault controlled corridors along strike. Carnaby believes electrical geophysics, particularly downhole EM will form an invaluable exploration tool in conjunction with drilling.

The historical Trekelano mine was continuously mined between 1911 and 1945 with narrow underground workings mined down to approximately 240m below surface. Spectacular historical drill results below the workings clearly demonstrate continuity of the high grade

mineralisation with a result of 8m @ 10.6% Cu, 3.3g/t Au and 8m @ 3.5% Cu, 0.7g/t Au in TRNQ0165 being completely open at depth (Figure 4) (see ASX release 28 November 2024).



**Figure 4. Trekelano Mine Drill Section Location of Historical Drill Results.**

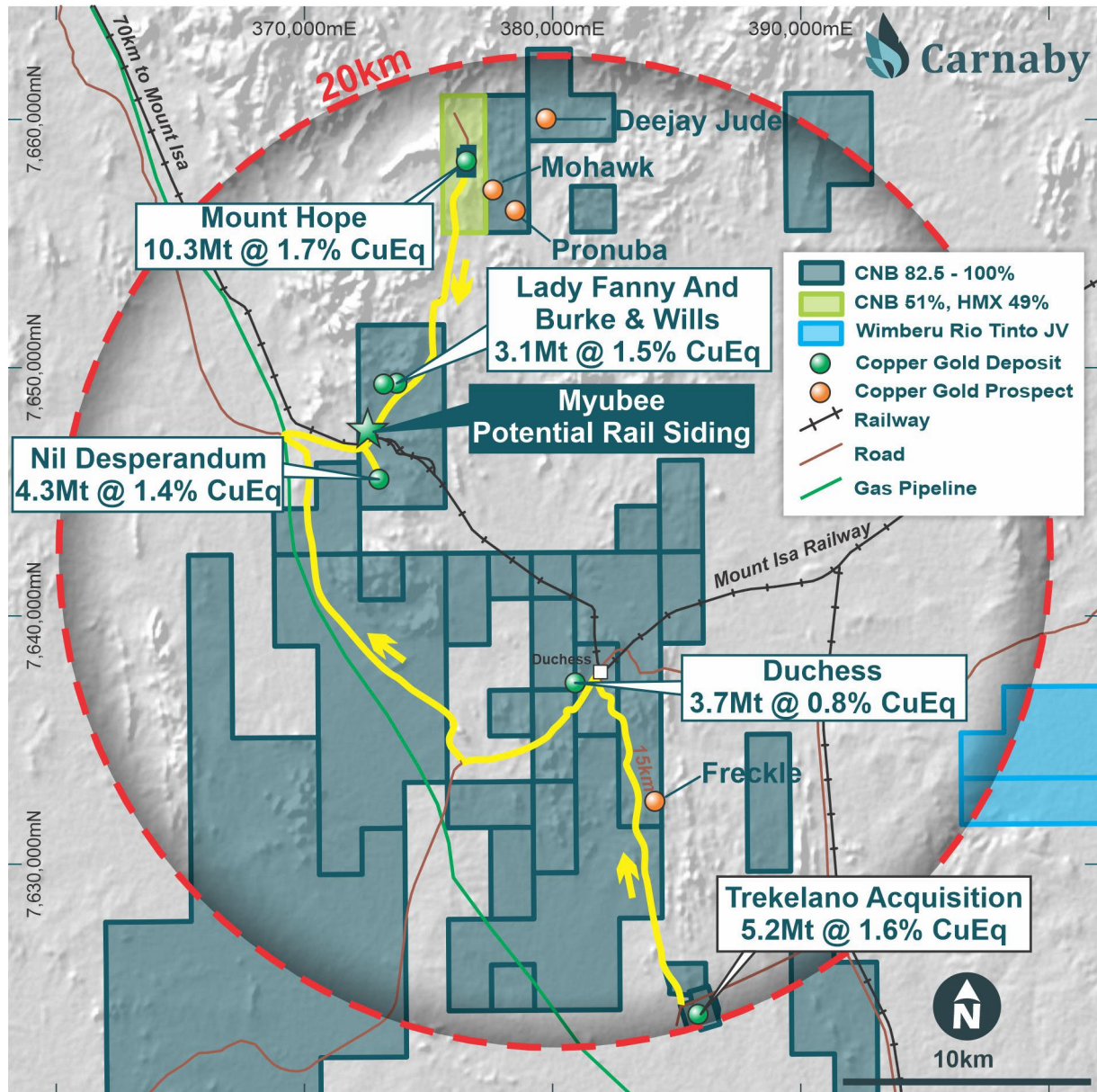
## Greater Duchess Pre-Feasibility Study

The Trekelano project is being incorporated into the Greater Duchess Pre-feasibility Study and will form a key pillar of the study. Carnaby has completed conceptual open pit optimisations at Trekelano to guide the Geotechnical drilling as shown in Figure 1 & 3. Mineral Resources updates will be undertaken once the maiden drilling program is completed and results are received. Geotechnical and Metallurgical sampling and analysis are being completed in conjunction with the drilling program.

Completion of the Trekelano acquisition is expected in the next few months, with the ongoing environmental authority de-amalgamation regulatory process being the only remaining condition required to be fulfilled prior to settlement.

Carnaby remains on track to complete the PFS in H2 2025.





**Figure 5. Trekelano & Greater Duchess Copper Gold Project Location Plan**

This announcement has been authorised for release by the Board of Directors.

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

[www.carnabyresources.com.au](http://www.carnabyresources.com.au)

**For additional information please contact:**

**Robert Watkins, Managing Director**

**+61 8 6500 3236**

**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).

**Metal Equivalents**

Metal equivalents for any mineral resource estimates and exploration results have been calculated using the formula  $CuEq = Cu\% + (Au\_ppm * 0.7)$  and is based on September 2023 spot prices of US\$8,500/t for copper, US\$1,950/oz for gold and an AUD:USD exchange rate of 0.67. Individual mineral resource estimate grades for the metals are set out at Table A of this announcement. Metal recoveries of 95% for copper and 90% for gold have been applied as demonstrated in preliminary metallurgical test work carried out in 2023. It is the Company's opinion that all the elements included in the metal equivalents calculation have a reasonable potential to be recovered and sold.

**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:**

Trekelano Drilling Underway, 29 April 2025

Carnaby Awarded \$386k of CEI Exploration Grants in QLD, 11 April 2025

Greater Duchess Drill Results Update, 14 February 2025

Greater Duchess Update - Drilling to Start at Trekelano, 15 January 2025

Trekelano Acquisition, Tolling & Offtake and Capital Raise, 28 November 2024

## APPENDIX ONE

Details regarding the specific information for the exploration results discussed in this news release are included below in the following tables.

### Table 1. Drill Hole Details

Drill hole intersections presented in the table below have been compiled from assay results using a 0.2% copper nominal cut-off with no greater than 5m downhole dilution included. All diamond core intersections have been sampled within mineralised zones as determined by the logging geologist. The entire mineralised zone has been sampled to account for any internal dilution.

Prospect	Hole ID	Easting	Northing	RL	Dip	Azimuth	Total Depth (m)	Depth From (m)	Interval (m)	Cu %	Au (g/t)	Lode
Trekkelano	CBRC004	386241	7624314	281	-57.1	88.9	240	181 Incl 198	29 12	1.2 2.1	0.5 0.9	Inheritance
	CBRC014	386240	7624307	281	-53.1	99.7	240	159 169	3 41	1.8 2.3	0.2 0.5	Inheritance

## APPENDIX TWO

### JORC Code, 2012 Edition | 'Table 1' Report Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <li>Nature and quality of sampling (e.g., cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<b>Drilling Samples</b> <ul style="list-style-type: none"> <li>The RC drill chips were logged, and visual abundances estimated by suitably qualified and experienced geologist.</li> <li>Recent RC samples were collected via a cone splitter mounted below the cyclone. A 2-3kg sample was collected from each 1m interval.</li> <li>RC samples were submitted to ALS labs and pulverised to obtain a 25g charge. Ore grade analysis was conducted for copper using an aqua regia digest and AAS/ ICP finish. Gold was analysed by aqua regia digest and ICP-MS finish.</li> <li>Diamond core samples were collected from quarter cut HQ sized core.</li> <li>Diamond samples were submitted to ALS labs and pulverised to obtain a 25g charge. Ore grade analysis was conducted for copper using an aqua regia digest and AAS/ ICP finish. Gold was analysed by aqua regia digest and ICP-MS finish.</li> </ul>
Drilling techniques	<ul style="list-style-type: none"> <li>Drill type (e.g., core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails,</li> </ul>	<ul style="list-style-type: none"> <li>All recent RC holes were completed using a 5.5" face sampling bit.</li> <li>Diamond holes were drilled using HQ sized core.</li> <li>All core is orientated using an ACT HQ/NQ Core Ori Tool.</li> </ul>



Criteria	JORC Code explanation	Commentary
	face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	
Drill sample recovery	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>	<ul style="list-style-type: none"> <li>For recent RC and diamond drilling, no significant recovery issues for samples were observed.</li> <li>Drill chips collected in chip trays are considered a reasonable visual representation of the entire sample interval.</li> <li>Tripple tube was used for diamond geotechnical holes.</li> </ul>
Logging	<ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul style="list-style-type: none"> <li>RC holes have been logged for lithology, weathering, mineralisation, veining, structure and alteration.</li> <li>Diamond holes have been logged for lithology, weathering, mineralisation, veining, structure, structure orientation and alteration. Holes in this release were also geotechnically logged.</li> <li>All chips have been stored in chip trays on 1m intervals and logged in the field.</li> <li>Sample recovery is recorded for diamond drilling between core blocks.</li> </ul>
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul style="list-style-type: none"> <li>All RC samples are cone split at the cyclone to create a 1m sample of 2-3kg. The remaining sample is retained in a plastic bag at the drill site.</li> <li>For mineralised zones, the 1m cone split sample is taken for analysis. For non-mineralised zones a 2m-5m composite spear sample is collected and the individual 1m cone split samples over the same interval retained for later analysis if positive results are returned.</li> <li>Drill core in this release was quarter cut with the quarter core sent for lab assay.</li> </ul>
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul>	<b>Assay Lab</b> <ul style="list-style-type: none"> <li>For lab assays, company inserted blanks are inserted as the first sample for every hole. A company inserted gold standard and a copper standard are inserted every 50th sample. No standard identification numbers are provided to the lab.</li> <li>Field duplicates are taken in mineralised zone every 50th sample.</li> <li>Standards are checked against expected lab values to ensure they are within tolerance. No issues have been identified.</li> </ul>
Verification of sampling and assaying	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> </ul>	<ul style="list-style-type: none"> <li>A Maxgeo hosted SQL database (Datashed) is currently used in house for all historic and new records. The database is maintained on the Maxgeo Server by a Carnaby database administrator. Logchief Lite is used for drill hole logging and daily uploaded to the database daily. Recent assay results have been reported directly from lab reports and sample sheets collated in excel.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>Discuss any adjustment to assay data.</li> </ul>	
Location of data points	<ul style="list-style-type: none"> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul style="list-style-type: none"> <li>Drill hole collars were located using with a Trimble GNSS SP60 (+/- 0.3m accuracy).</li> <li>Current RC and Diamond holes were downhole surveyed by Reflex True North seeking gyro.</li> <li>Survey control is of high accuracy. Checks were made between two different down-hole gyro instruments within the same RC pre-collared diamond hole.</li> </ul>
Data spacing and distribution	<ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul style="list-style-type: none"> <li>The upper 150m of the deposit has been systematically intersected at 20m to 30m hole spacings.</li> <li>In the deeper part of the deposit the hole spacings are up to 60m.</li> <li>The main mineralised zones have been drilled in sufficient detail to provide confidence in grade and continuity appropriate to the Mineral Resource classification.</li> </ul>
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul>	<ul style="list-style-type: none"> <li>Where possible holes were completed to provide intersections orthogonal to the deposit mineralisation.</li> <li>No bias was determined in any of the drilling.</li> </ul>
Sample security	<ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>	<ul style="list-style-type: none"> <li>Recent drilling has had all samples immediately taken following drilling and submitted for assay by supervising Carnaby geology personnel.</li> </ul>
Audits or reviews	<ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul style="list-style-type: none"> <li>Sample practices and Lab QAQC were internally audited by PayneGeo and externally audited by SnowdenOptiro Pty Ltd as part of the Maiden Resource Estimate released on 27<sup>th</sup> October 2023. All QAQC results were satisfactory.</li> </ul>

## Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section).

Criteria	Explanation	Commentary
Mineral tenement and land tenure status	<ul style="list-style-type: none"> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul>	<ul style="list-style-type: none"> <li>A 100% interest in the Trekelano Mining Leases (ML9125, ML90128 &amp; ML90183) is currently being acquired by the Company. Completion of the transaction is subject to the last condition precedent which requires Environmental bond de-amalgamation approval from the Queensland Department of Environment, Tourism, Science and Innovation (DETSI) (i.e. separation of Trekelano from the broader Osborne Mine Environmental Authority to be approved by DETSI) and an estimated rehabilitation cost decision having been made by the Scheme Manager for the Financial Provisioning Scheme for the de-amalgamated environmental authority. The de-amalgamation is currently in progress.</li> <li>The Mount Hope Mining Lease ML90240 is 100% owned by Carnaby Resources Ltd.</li> <li>The Nil Desperandum, Burke &amp; Wills, San Quentin and DeeJay Jude Prospects are located on EPM14366 (82.5%</li> </ul>

Criteria	Explanation	Commentary
		<p>interest acquired from Latitude 66 Resources Limited (<b>Latitude 66, ASX: LAT</b>).</p> <ul style="list-style-type: none"> <li>Latitude 66 retains a 17.5% free carried interest in the project through to a Decision to Mine.</li> <li>At a Decision to Mine, Carnaby has the first right of refusal to acquire the remaining interest for fair market value.</li> </ul> <ul style="list-style-type: none"> <li>The Lady Fanny Prospect area encompassed by historical expired mining leases have been amalgamated into EPM14366 and is 100% owned by Carnaby. Latitude 66 Resources Limited (<b>Latitude 66, ASX: LAT</b>) are in dispute with Carnaby and claim that Lady Fanny is part of the Joint Venture area (see ASX release 18 September 2023).</li> <li>The Company has entered into a Farm-in and Joint Venture Agreement with Rio Tinto Exploration Pty Ltd (<b>RTX</b>) whereby Carnaby can earn a majority joint venture interest in the Devoncourt Project, which contains the Wimberu Prospect, by sole funding staged exploration on the project as discussed in the ASX release dated 2 August 2023. <ul style="list-style-type: none"> <li>Tenements subject to the Farm-in Joint Venture Agreement: EPM14955, EPM17805, EPM26800, EPM27363, EPM27364, EPM27365], EPM 27424 and EPM27465.</li> </ul> </li> <li>The South Hope, Stubby and The Plus Prospects are contained in three (3) sub-blocks covering 9 km<sup>2</sup> within exploration permit EPM26777, immediately adjoining and surrounding the Company's Mount Hope Central and Mount Hope North deposits. Carnaby has entered into binding agreement with Hammer Metals Limited (<b>Hammer, ASX: HMX</b>) and its wholly owned subsidiary Mt. Dockerell Mining Pty Ltd, pursuant to which Carnaby will acquire an initial 51% beneficial interest in the sub-blocks (see ASX release 2 April 2024). Carnaby has the right to acquire an additional 19% beneficial interest to take its total beneficial interest in the Sub-Blocks to 70%.</li> <li>The Mohawk and Pronuba Prospects are located on EPM27101 and are 100% owned by Carnaby Resources.</li> <li>The Razorback Creek prospect is located in EPM27822 and is 100% owned by Carnaby Resources.</li> </ul>
Acknowledgment and appraisal of exploration by other parties.	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>There has been exploration work conducted over the Greater Duchess project regions for over a century by previous explorers. The project comes with significant geoscientific information which covers the tenements and general region, including: a compiled database of 6658 drill hole (exploration and near-mine), 60,300 drilling assays and over 50,000 soils and stream sediment geochemistry results. This previous exploration work is understood to have been undertaken to an industry accepted standard and will be assessed in further detail as the projects are developed.</li> </ul>
Geology	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<ul style="list-style-type: none"> <li>The Greater Duchess Project is in the Mary Kathleen domain of the eastern Fold Belt, Mount Isa Inlier. The Eastern Fold Belt is well known for copper, gold and copper-gold deposits; generally considered variants of IOCG deposits. The region hosts several long-lived mines and numerous historical workings. Deposits are structurally controlled, forming proximal to district-scale structures which are observable in mapped geology and geophysical images. Local controls on the distribution of</li> </ul>



Criteria	Explanation	Commentary
		<p>mineralisation at the prospect scale can be more variable and is understood to be dependent on lithological domains present at the local-scale, and orientation with respect to structures and the stress-field during D3/D4 deformation, associated with mineralisation.</p> <ul style="list-style-type: none"> <li>The dominant lithologies on the Trekelano lease area are biotite schists and scapolitic granofels of upper greenschist to lower amphibolite facies. The structure is dominated by north-south trending shear zones which dip 60-70° to the west. Shears commonly contain brecciated material ranging from matrix to clast supported breccias with rounded to angular clasts of altered host rock.</li> </ul>
Drill hole Information	<ul style="list-style-type: none"> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul style="list-style-type: none"> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> </ul> <p>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</p>	<ul style="list-style-type: none"> <li>Included in report Refer to Appendix 1, Table 1.</li> </ul>
Data aggregation methods	<ul style="list-style-type: none"> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g., cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul style="list-style-type: none"> <li>No metal equivalent values have been reported.</li> </ul>
Average Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> </ul>	<ul style="list-style-type: none"> <li>The geometry of the Trekelano 1, Inheritance and Trekelano 2 Lodes have been established by historic drilling. Recent downhole intervals confirm the geometry of the Inheritance Lode and have been reported with estimated true widths.</li> </ul>

Criteria	Explanation	Commentary
	<ul style="list-style-type: none"> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g., 'down hole length, true width not known').</li> </ul>	<ul style="list-style-type: none"> <li>The majority of historic holes are considered to intersect the mineralisation at a reasonable angle, being drilled at an orthogonal angle to the principal vein strike.</li> </ul>
Diagrams	<ul style="list-style-type: none"> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>	<ul style="list-style-type: none"> <li>See the body of the announcement.</li> </ul>
Balanced reporting	<ul style="list-style-type: none"> <li>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</li> </ul>	<ul style="list-style-type: none"> <li>As discussed in the announcement</li> </ul>
Other substantive exploration data	<ul style="list-style-type: none"> <li>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</li> </ul>	<ul style="list-style-type: none"> <li>As discussed in the announcement</li> </ul>
Further work	<ul style="list-style-type: none"> <li>The nature and scale of planned further work (e.g., tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul style="list-style-type: none"> <li>Planned exploration works are detailed in the announcement.</li> </ul>

**Table A**

Carnaby Resources Limited Greater Duchess Copper Project - Cu Equivalent Cut-off<sup>1</sup>

Mineral Resource Inventory as at 27 November 2024

Deposit	COG CuEq%	Indicated							Inferred							Total						
		Tonnes	Cu	Au	CuEq	Cu	Au	CuEq	Tonnes	Cu	Au	CuEq	Cu	Au	CuEq	Tonnes	Cu	Au	CuEq	Cu	Au	CuEq
		Mt	%	g/t	%	Tonnes	Ounces	Tonnes	Mt	%	g/t	%	Tonnes	Ounces	Tonnes	Mt	%	g/t	%	Tonnes	Ounces	Tonnes
Mt Birnie <sup>2</sup>	0.5								0.44	1.4	0.2	1.5	6,300	2,300	6,800	0.4	1.4	0.2	1.5	6,300	2,300	6,800
Duchess <sup>2</sup>	0.5								3.66	0.7	0.1	0.8	26,300	11,300	28,800	3.7	0.7	0.1	0.8	26,300	11,300	28,800
Nil Desperandum OP <sup>2</sup>	0.5	2.47	0.8	0.1	0.9	18,800	11,300	21,300	0.06	0.7	0.1	0.7	400	200	500	2.5	0.8	0.1	0.9	19,300	11,500	21,800
Nil Desperandum UG <sup>2</sup>	1.0	0.81	2.6	0.4	2.9	21,000	10,700	23,300	0.90	1.5	0.4	1.8	13,400	11,200	15,900	1.7	2.0	0.4	2.3	34,400	21,800	39,200
Lady Fanny	0.5	1.50	1.2	0.2	1.3	17,900	9,800	20,000	1.18	1.1	0.3	1.3	13,200	9,500	15,300	2.7	1.2	0.2	1.3	31,100	19,300	35,300
Burke & Wills <sup>2</sup>	0.5	0.20	2.7	0.3	2.8	5,400	1,700	5,700	0.24	1.8	0.3	2.0	4,300	2,100	4,800	0.4	2.2	0.3	2.4	9,700	3,800	10,500
Mt Hope OP	0.5	2.74	1.4	0.2	1.5	38,600	15,300	41,900	1.11	1.1	0.1	1.2	12,500	5,000	13,600	3.8	1.3	0.2	1.4	51,100	20,400	55,500
Mt Hope UG	1.0	4.19	1.7	0.3	1.9	72,800	38,600	81,200	2.23	1.4	0.3	1.6	32,100	19,200	36,200	6.4	1.6	0.3	1.8	104,900	57,800	117,500
Inheritance OP <sup>3</sup>	0.5								2.50	1.3	0.3	1.5	32,700	27,400	38,700	2.5	1.3	0.3	1.5	32,700	27,400	38,700
Inheritance UG <sup>3</sup>	1.0								0.29	1.3	0.4	1.5	3,600	3,800	4,400	0.3	1.3	0.4	1.5	3,600	3,800	4,400
Trekelano 1 OP <sup>3</sup>	0.5								1.28	1.6	0.4	1.9	20,100	17,600	23,900	1.3	1.6	0.4	1.9	20,100	17,600	23,900
Trekelano 1 UG <sup>3</sup>	1.0								0.17	2.5	0.6	2.9	4,300	3,500	5,100	0.2	2.5	0.6	2.9	4,300	3,500	5,100
Trekelano 2 OP <sup>3</sup>	0.5								0.94	1.2	0.3	1.4	11,100	7,800	12,800	0.9	1.2	0.3	1.4	11,100	7,800	12,800
<b>CNB Total</b>		<b>11.9</b>	<b>1.5</b>	<b>0.2</b>	<b>1.6</b>	<b>174,500</b>	<b>87,500</b>	<b>193,600</b>	<b>15.0</b>	<b>1.2</b>	<b>0.3</b>	<b>1.4</b>	<b>180,400</b>	<b>120,800</b>	<b>206,700</b>	<b>26.9</b>	<b>1.3</b>	<b>0.2</b>	<b>1.5</b>	<b>354,900</b>	<b>208,300</b>	<b>400,300</b>

Note - Rounding discrepancies may occur

Reference 1: The CuEq calculation is  $CuEq = Cu\% + (Au_{ppm} * 0.7)$  and is based on September 2023 spot prices of US\$8,500/t for copper and US\$1,950/oz for gold, exchange rate of 0.67 and recovery of 95% copper and 90% gold as demonstrated in preliminary metallurgical test work carried out in 2023.

Reference 2: CNB 82.5% LAT 17.5

Reference 3: Inclusion is subject to completion of the Trekelano Acquisition. Refer to ASX release dated 28 November 2024 for details.