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Carnaby

RIU Explorers Conference Presentation

February 2022

Statements and disclaimers

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Competent Persons Statement
The information in this document that relates to the Tick Hill Deposit and Tick Hill ROM Stockpile Mineral Resources is based upon information compiled by Mr Paul Tan. Mr Tan is a full time employee and security holder of the Company and a Member of the AUSIMM. Mr Tan consents to the inclusion in the report of the matters based upon the information in the form and context in which it appears. Mr Tan 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 JORC Code.

The information in this document that relates to the Tick Hill Tailings Dam Mineral Resources is based upon information compiled by Mr Robert Watkins. Mr Watkins is a Director and security holder 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 JORC Code.

The information in this document that relates to the Tick Hill Deposit, Tailings Dam and ROM Stockpile Ore Reserves is based upon information compiled by Mr Nigel Spicer. Mr Spicer consents to the inclusion in the report of the matters based upon the information in the form and context in which it appears. Mr Spicer 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 JORC Code.

Forward Looking Statements
Some statements in this document regarding estimates or future events are forward looking statements. They include indications of, and guidance on, future earnings, cash flow, costs and financial performance. Forward looking statements include, but are not limited to, statements preceded by words such as " planned"," expected"," projected"," estimated"," may"," scheduled"," intends"," anticipates"," believes"," potential"," could"," nominal"," and similar expressions. Forward looking statements, opinions and estimates included in this document are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Forward looking statements are provided as a general guide only and should not be relied on as a guarantee of future performance. Forward looking statements may be affected by a range of variables that could cause actual results to differ from estimated results, and may cause the Company's actual performance and financial results in future periods to materially differ from any projections of future performance or results expressed or implied by such forward looking statements.

These risks and uncertainties include but are not limited to liabilities inherent in mine development and production, geological, mining and processing technical problems, the inability to obtain any additional mine licenses, permits and other regulatory approvals required in connection with mining and third party processing operations, competition for among other things, capital, acquisition of reserves, undeveloped lands and skilled personnel, incorrect assessments of the value of acquisitions, changes in commodity prices and exchange rate, currency and interest fluctuations, various events which could disrupt operations and/or the transportation of mineral products, including labour stoppages and severe weather conditions, the demand for and availability of transportation services, the ability to secure adequate financing and management's ability to anticipate and manage the foregoing factors and risks. There can be no assurance that forward looking statements will prove to be correct. The Board has no intention to update or revise forward-looking statements, or to publish prospective financial information in the future, regardless of whether new information, future events or any other factors affect the information contained in this Presentation, except where required by law or the ASX listing rules.

The Company has concluded it has a reasonable basis for providing the forward looking statements included in this document, including with respect to any production targets and financial estimates, based on the information contained in this document.

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References may have been made in this document to certain ASX announcements, including references regarding exploration results and mineral resources. 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 document 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.

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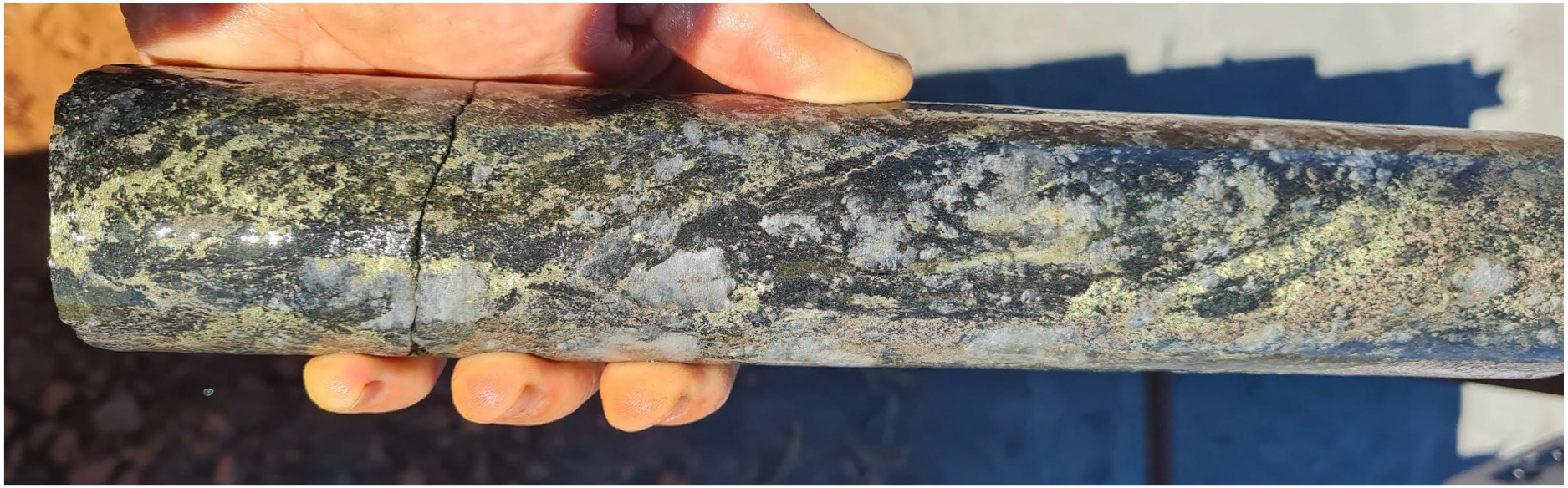
RECENT DEVELOPMENTS AND HIGHLIGHTS

Greater Duchess Copper Gold Project (QLD)

- **Major copper gold discovery in the Mt Isa inlier**
- **Nil Desperandum 41m @ 4.1% copper, 0.5g/t gold[1].**
- **Lady Fanny Prospect 27m @ 2.8%, 40m @ 1.0% copper[2] only 3km north of Nil Desperandum.**
- Extensive mineralisation throughout a rapidly emerging >5km long IOCG corridor.



1. *See ASX release dated 29 December 2021*
2. *See ASX release dated 13 January 2022*

COMPANY OVERVIEW

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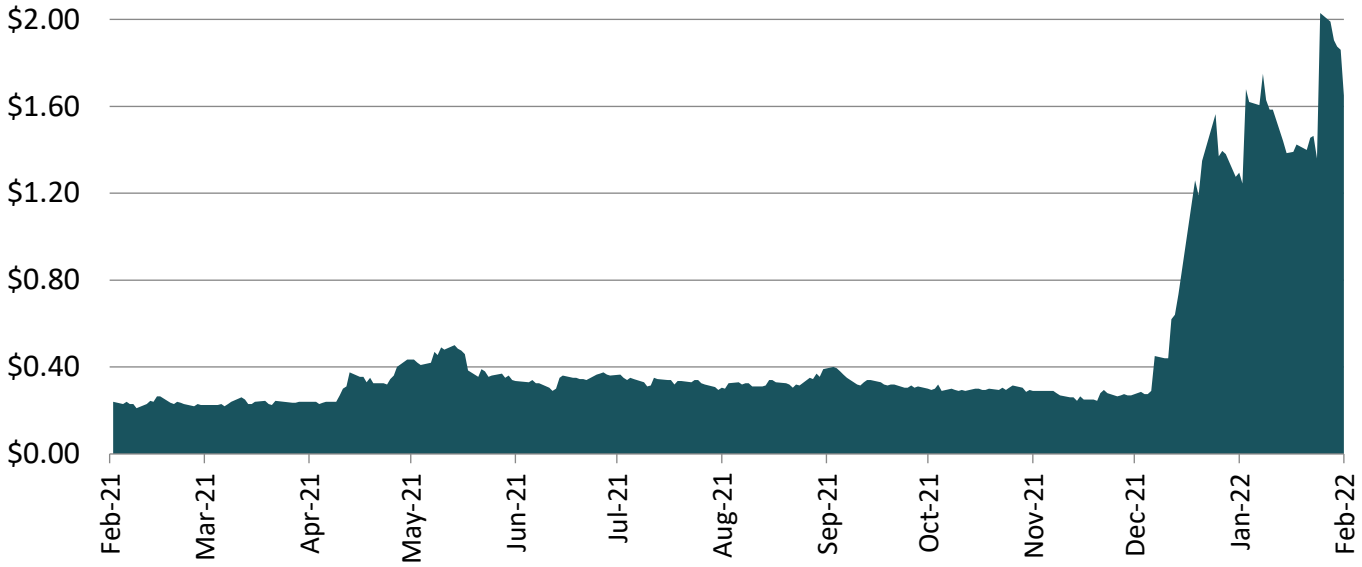
Capital Structure	
ASX Code	CNB
Share Price (11/2/2022)	$1.65
Shares on Issue	143.5M
Unlisted Options	2.5M
Market Cap (diluted)	$237M
Cash[2]	$25.8M
Top 20 Shareholders	37.4%
Board / Management Shareholding	14.5%

Highly Credentialled Board	
Peter Bowler	Non-Executive Chairman
Rob Watkins	Managing Director
Greg Barrett	Non-Executive Director & Company Secretary
Paul Payne	Non-Executive Director

Share Price Performance Last 12 Months[1]



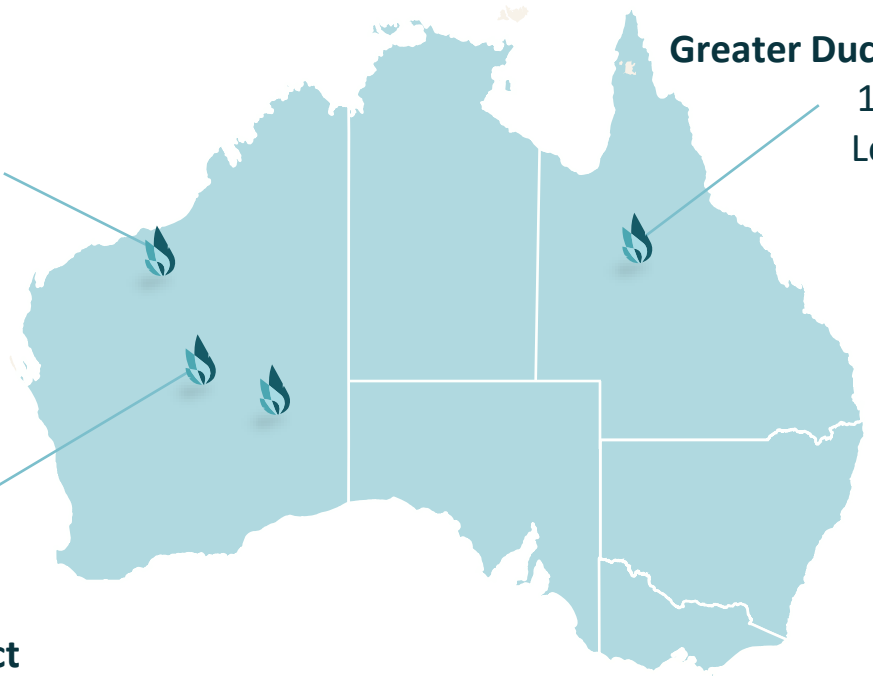
1. *As at 11 February 2022*
2. *Based on cash of A$5.8 million as at 31 December 2021 and A$20m gross proceeds from recent Placement, see ASX release dated 24 January 2022*

COMPANY OVERVIEW

OPERATING EXCLUSIVELY IN AUSTRALIA WITH MAIN PROJECTS LOCATED IN ESTABLISHED MINING REGIONS

Pilbara Gold Projects
442km^2 tenements
Location: Mallina Basin Pilbara
Greenfields

Greater Duchess Copper and Gold Projects
1,022km^2 tenements
Location: Mt Isa Inlier
Brownfields



Malmac Copper Gold Project
621km^2 tenements
Location: North Yilgarn Margin
Greenfields

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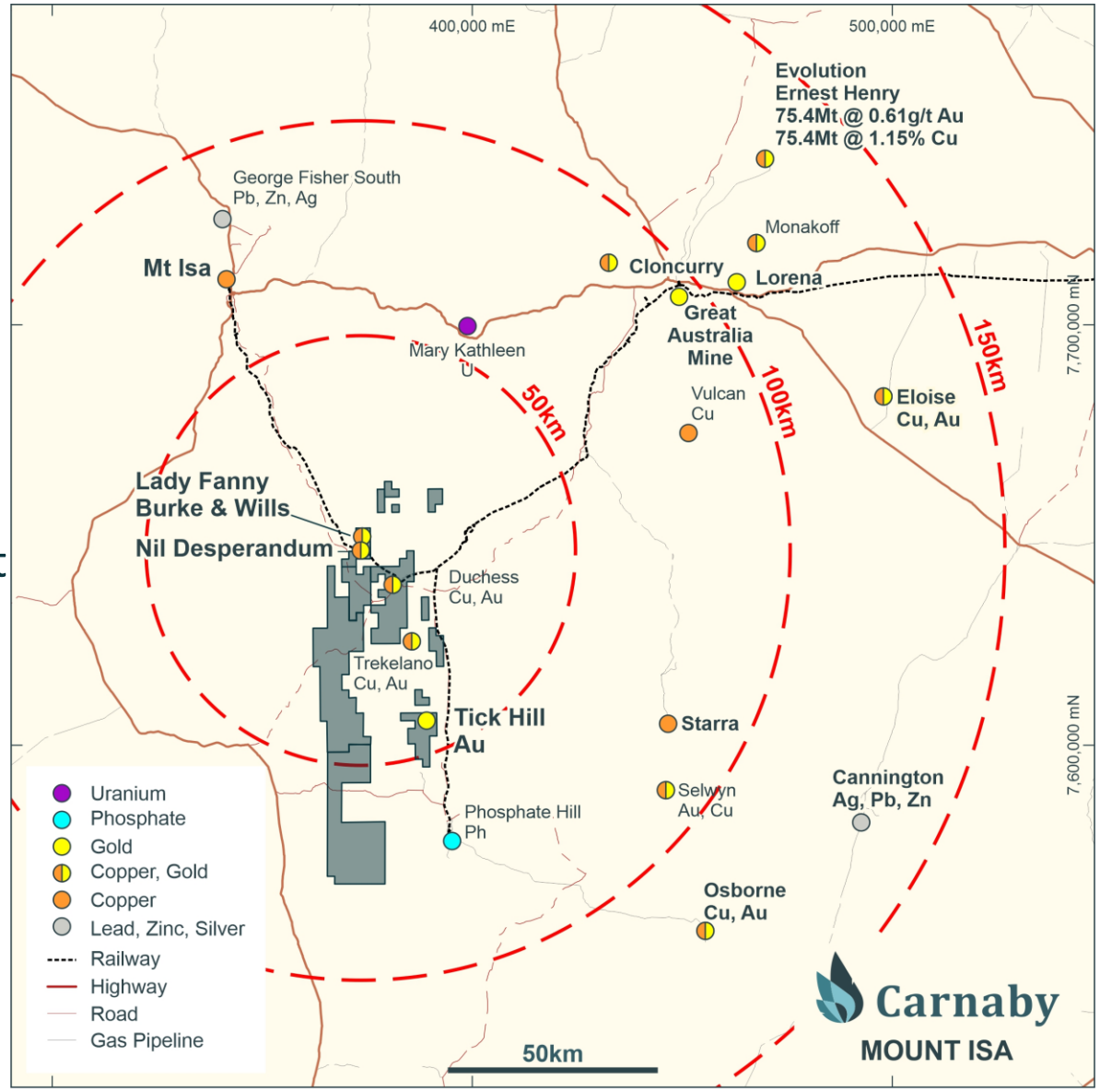
GREATER DUCHESS COPPER GOLD PROJECT (CNB: 82.5 – 100%)

Regional Overview

- The Greater Duchess Copper Gold Project encompasses 1,022 km^2 of Iron Oxide Copper Gold (IOCG) prospective tenure located approximately **70 km southeast of Mt Isa.**
- World class infrastructure including the main Mt Isa railway.
- Mt Isa Inlier is host to numerous significant IOCG deposits, including Ernest Henry, Osborne and Eloise.
- The Greater Duchess Copper Gold deposits are within trucking distance of multiple processing plants.



Resource in Diagram: See Evolution Mining Ltd's (ASX EVN) ASX release dated 17 November 2021

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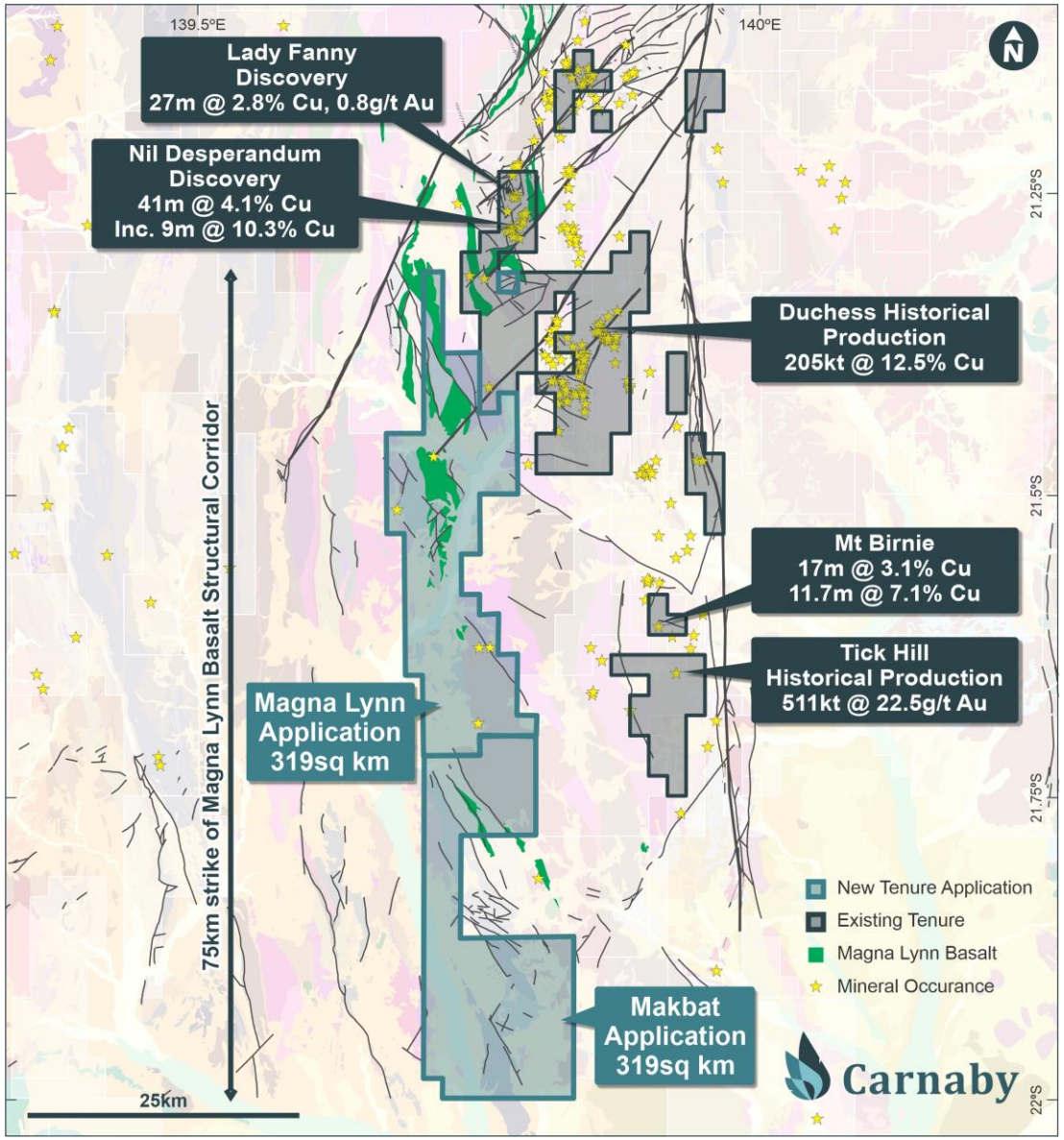
GREATER DUCHESS COPPER GOLD PROJECT

Carnaby Tenements

- Centered around the historical Duchess copper mining district.
- Hosted within the Argylla Formation of the Mary Kathleen Domain.
- Numerous deposit prospects and workings identified in a >50km long IOCG corridor.
- Recent major discoveries at Nil Desperandum and Lady Fanny.
- Alteration and mineralisation style is typical of IOCG deposits seen in the Cloncurry area (eg Ernest Henry).
- Project area includes the Tick Hill gold mine which produced 0.5Moz at 22.5g/t



1. *See ASX releases dated 29 December 2021 and 4 February 2022*

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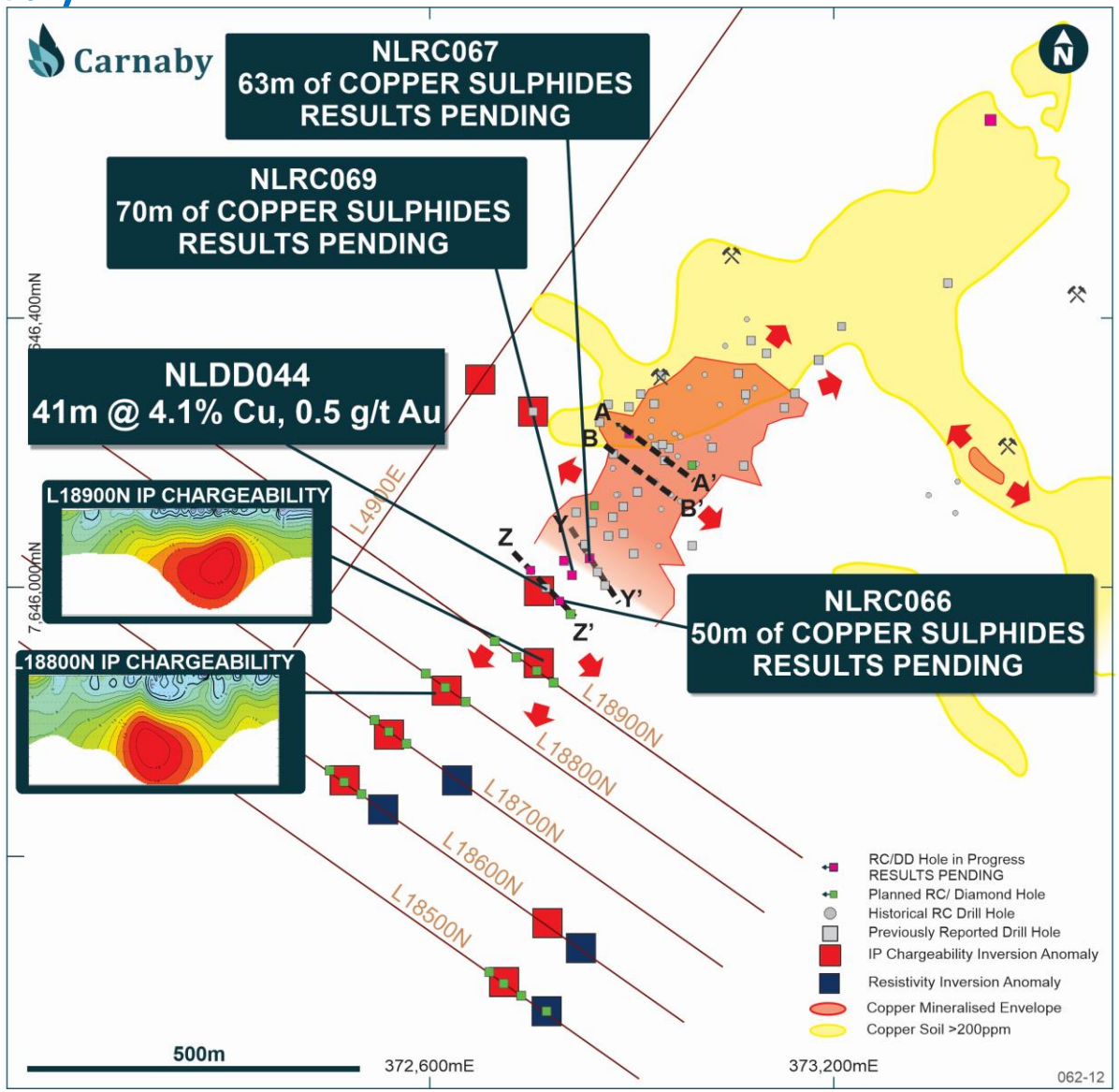
GREATER DUCHESS COPPER GOLD PROJECT

Nil Desperandum IOGC Discovery[1] (CNB: 82.5%)

- Drilling by various companies since 1996 had defined extensive shallow copper mineralisation.
- CNB drilling in 2021 included:
  - 87m@ 0.9% Cu from 190m
  - 60m @ 1.0% Cu from 139m
- Induced Polarisation (IP) survey inversion chargeability anomaly was the basis for targeting the discovery drill hole NLDD044.
- **NLDD044 41m @ 4.1% copper, 0.5 g/t gold from 247m.**
- New IP lines on 100m spacing has defined a continuous inversion chargeability over >400m to the southwest which is yet to be drilled.



1. *See ASX releases dated 29 December 2021, 4 February 2022 and 11 February 2022*

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GREATER DUCHESS COPPER GOLD PROJECT

Nil Desperandum IOGC Discovery[1] (CNB: 82.5%)

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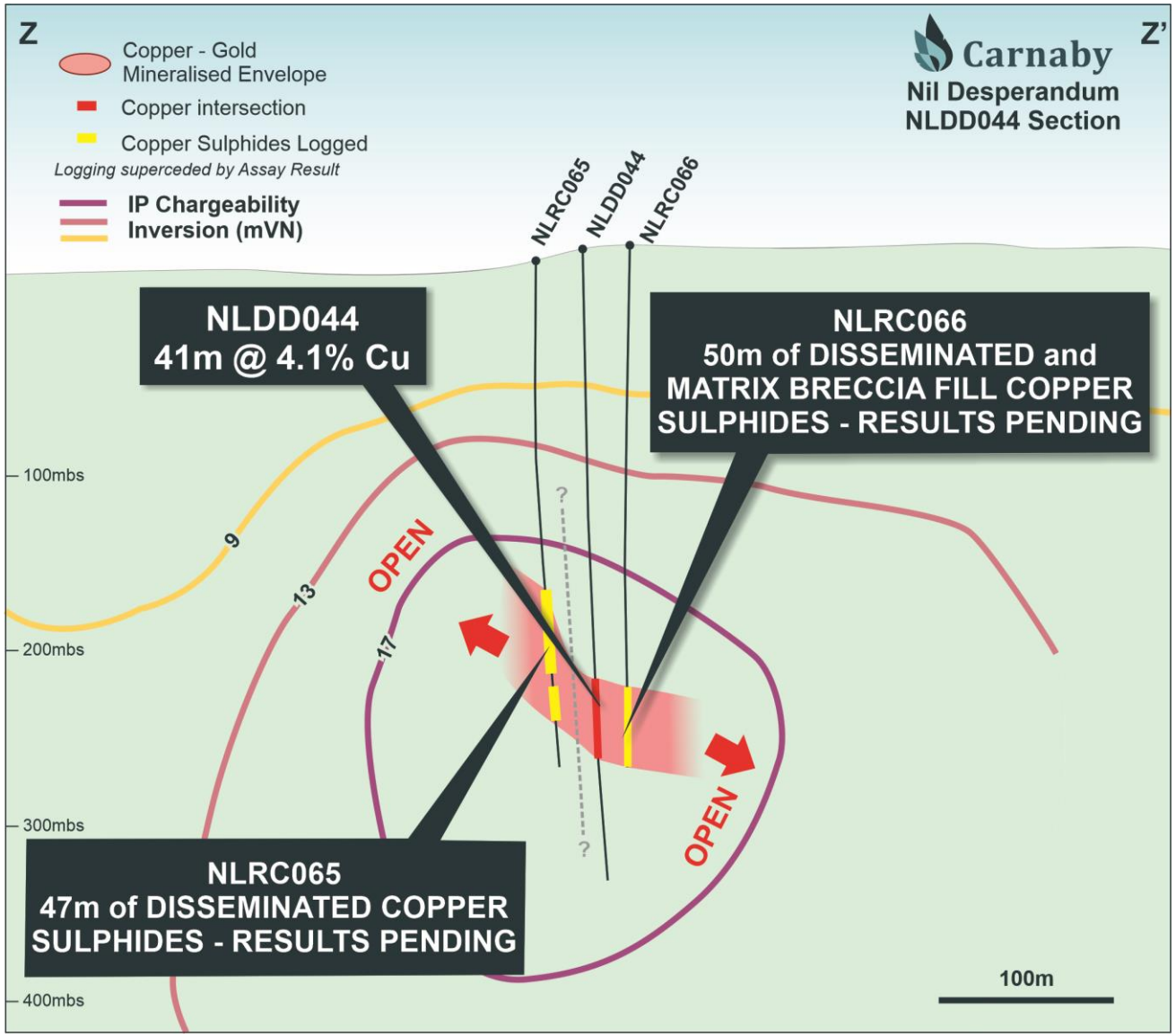
- Nil Desperandum mineralisation is hosted by biotite schist.
- Copper mineralisation comprises semi-massive chalcopyrite and sulphide breccia dipping moderately SE.
- Main breccia zone has a pipe-like geometry with high grade mineralisation bounded to the west by an interpreted structure.
- Down-plunge extent of 500m currently defined.
- IP anomaly suggests potential for at least a further 400m of extent to the SW.
- **Heritage survey completed yesterday. All cleared for drilling to start shortly, targeting the IP anomalies SW of the NLDD044 discovery hole.**



1. *See ASX releases dated 29 December 2021 and 4 February 2022*

GREATER DUCHESS COPPER GOLD PROJECT

Nil Desperandum IOGC Discovery[1] (CNB: 82.5%)

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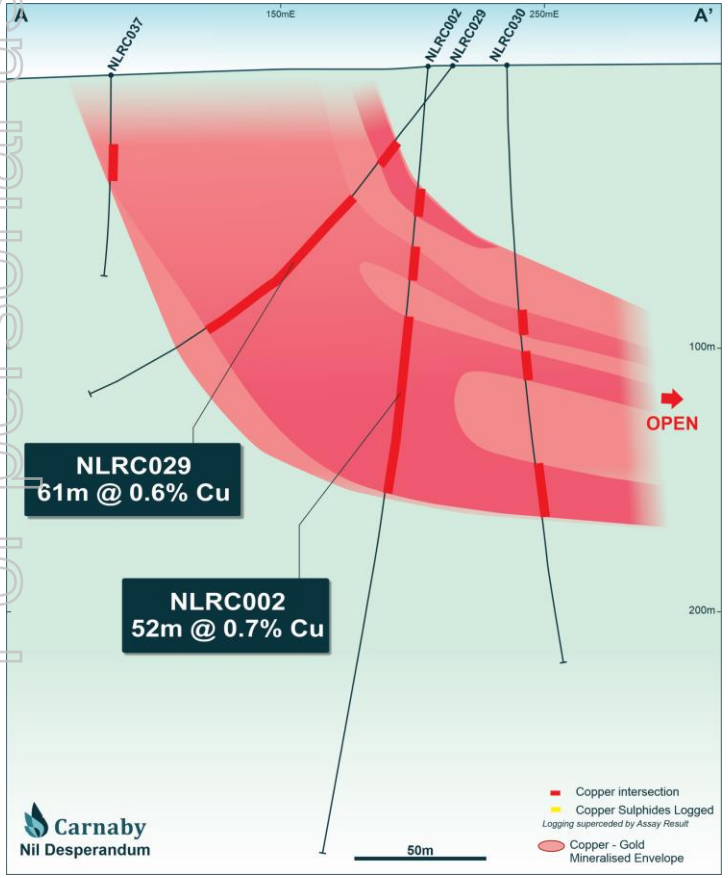
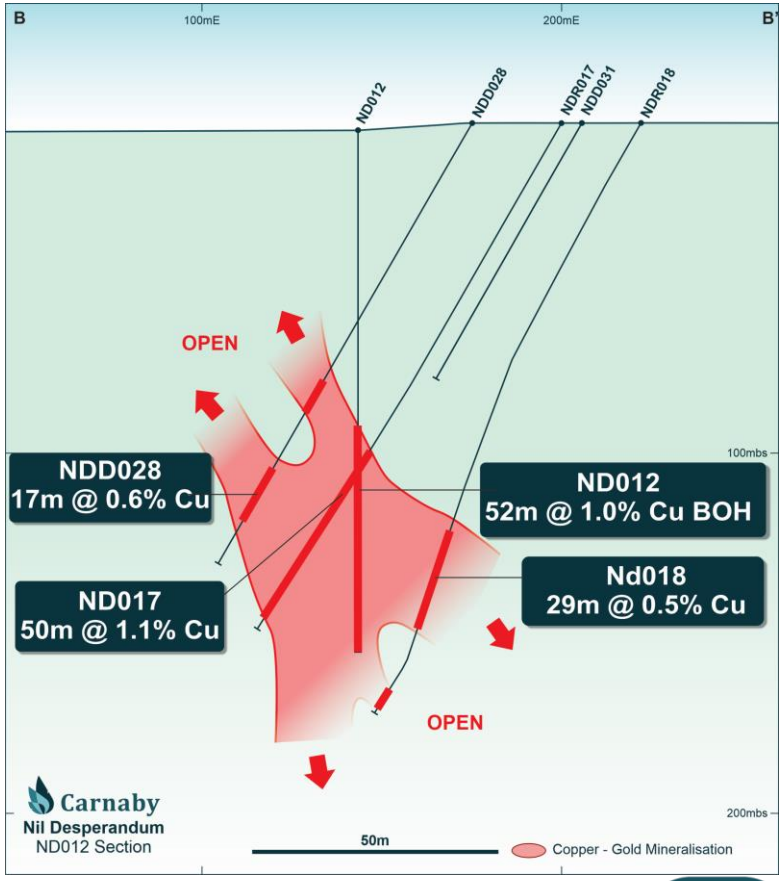
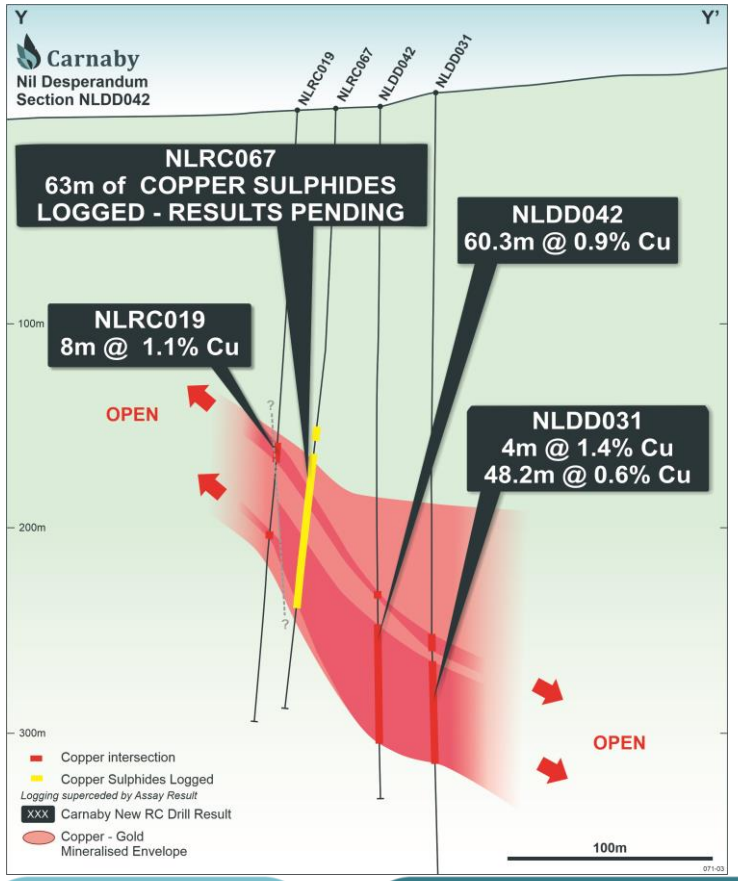
- Highly continuous copper-gold mineralization hosted in a thick tabular (~40m true width) plunging breccia shoot drilled over 500m down plunge and completely open at depth.
- Copper grades appear to be increasing at depth to the deepest down plunge intersection of 41m @ 4.1% Cu in NLDD044. A 20,000m RC/DD drilling program is underway.





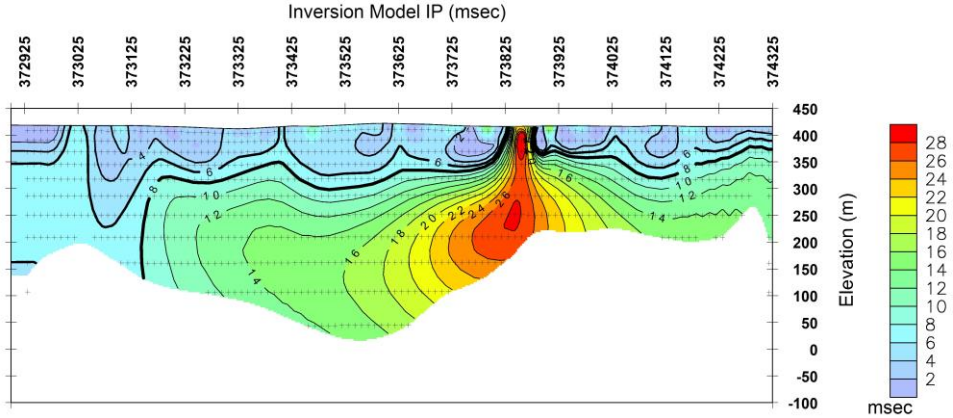


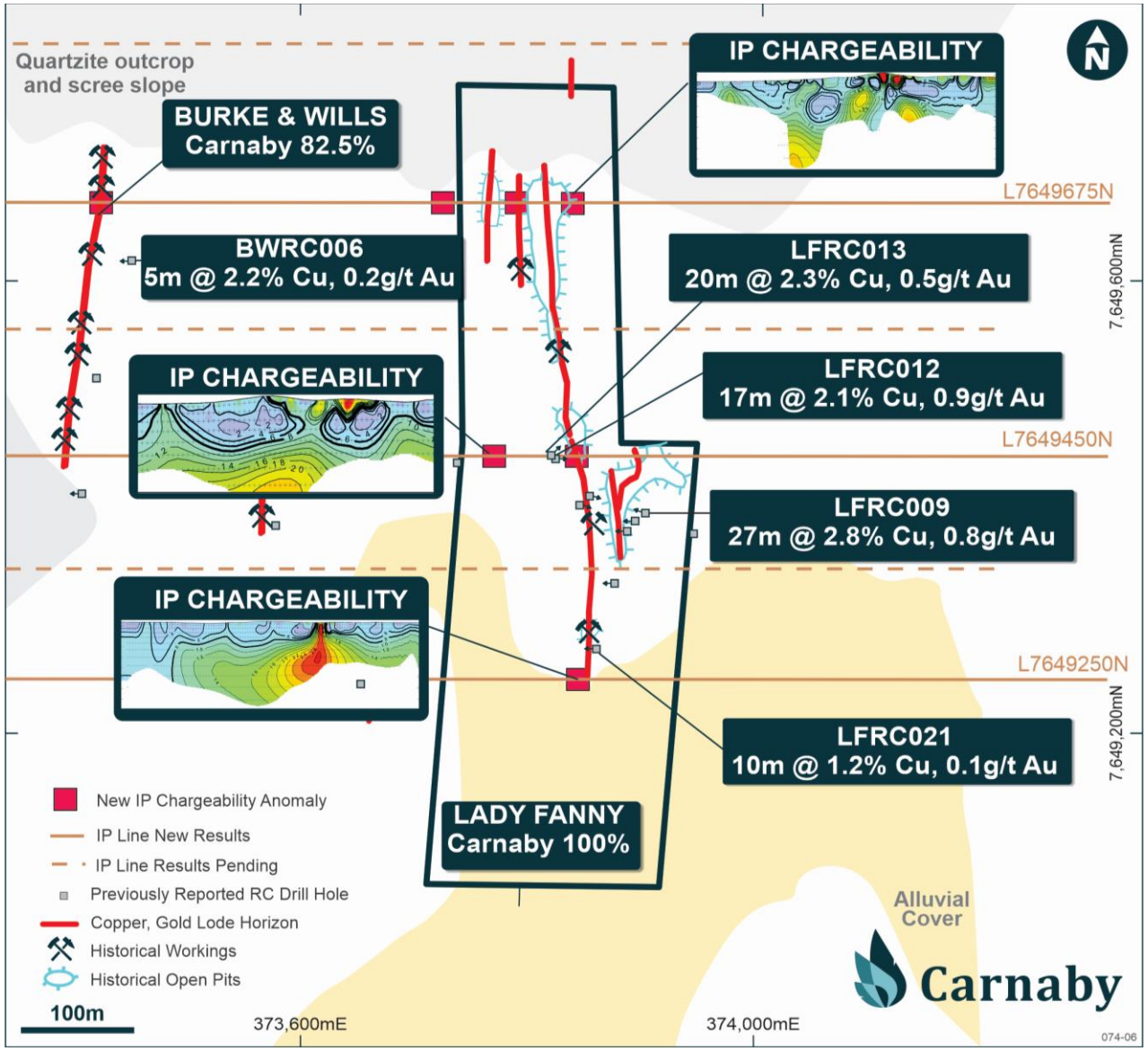
1. *See ASX releases dated 29 December 2021, 4 February 2022 and 11 February 2022*

GREATER DUCHESS COPPER GOLD PROJECT

Lady Fanny IOGC Discovery[1] (CNB: 100%)

- The **Lady Fanny** Prospect **(Carnaby 100%)** is a historical high-grade copper-gold deposit located only 3 km north of Nil Desperandum.
- >400m of continuous outcropping high-grade copper gold mineralisation defined by workings and surface trenching. No known historical drilling.
- Recent drilling by Carnaby includes:
  - LFRC009 27m @ 2.8% Cu from 61m
  - LFRC012 17m @ 2.1% Cu from 74m
  - LFRC013 20m @ 2.3% Cu from 30m
- **Exceptional IP results announced today**





1. *See ASX releases dated 29 December 2021 and 4 February 2022*

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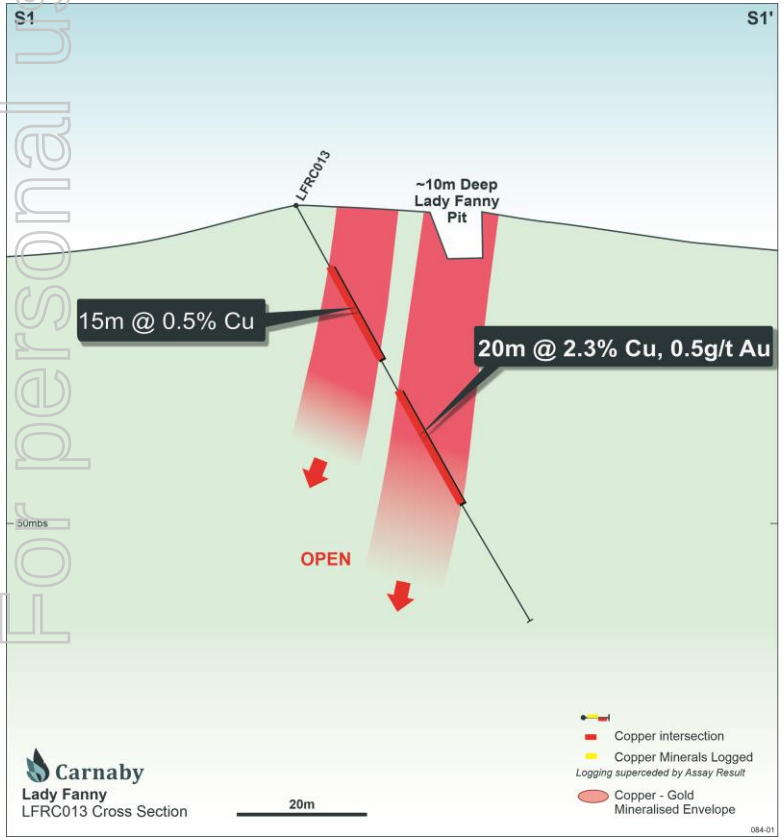
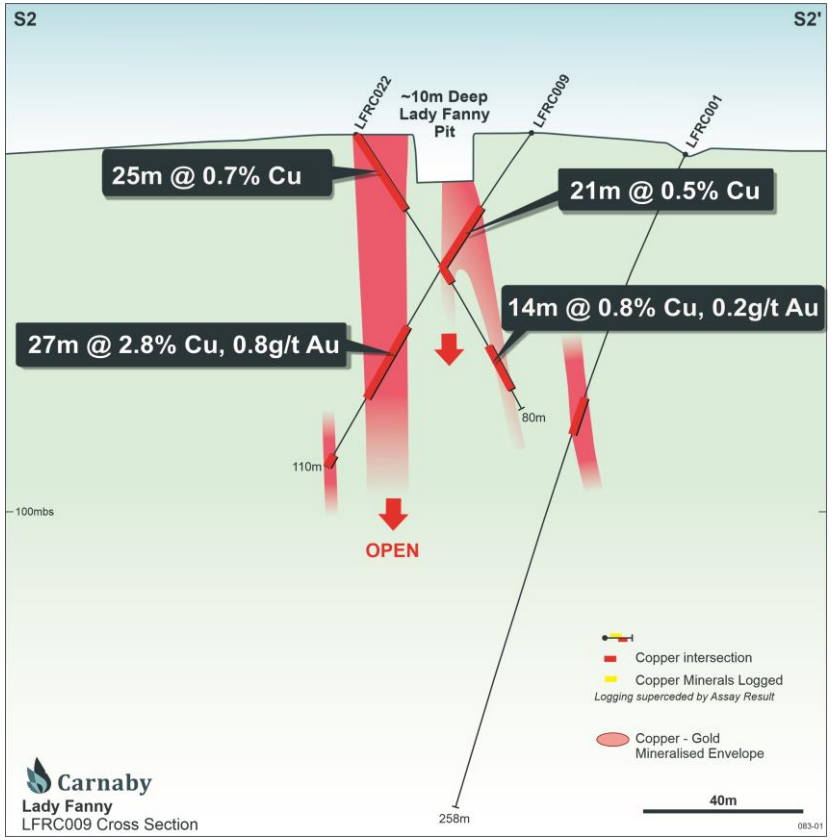
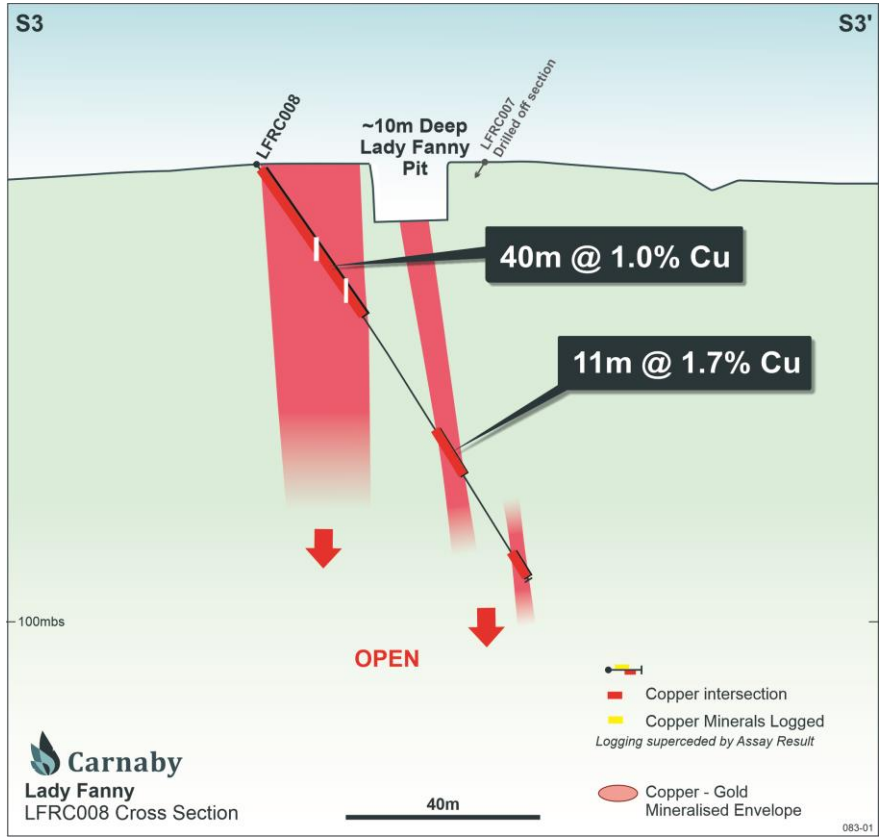
GREATER DUCHESS COPPER GOLD PROJECT

Lady Fanny IOGC Discovery[1] (CNB: 100%)

- Multiple steeply dipping broad high grade copper gold lodes currently defined by drilling over a 200m strike length and completely open along strike and at depth.
- 6 lines of 100m spaced IP just completed, results pending from 3 lines.
- Major drill out underway over a 400m strike, results pending







1. *See ASX releases dated 29 December 2021 and 4 February 2022*

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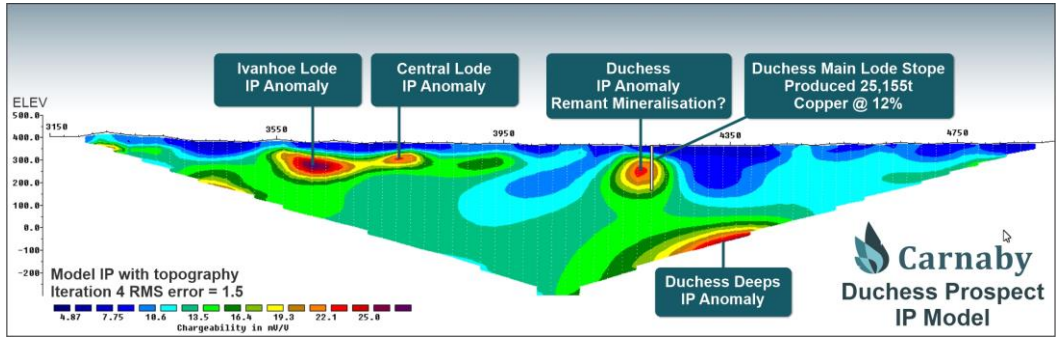
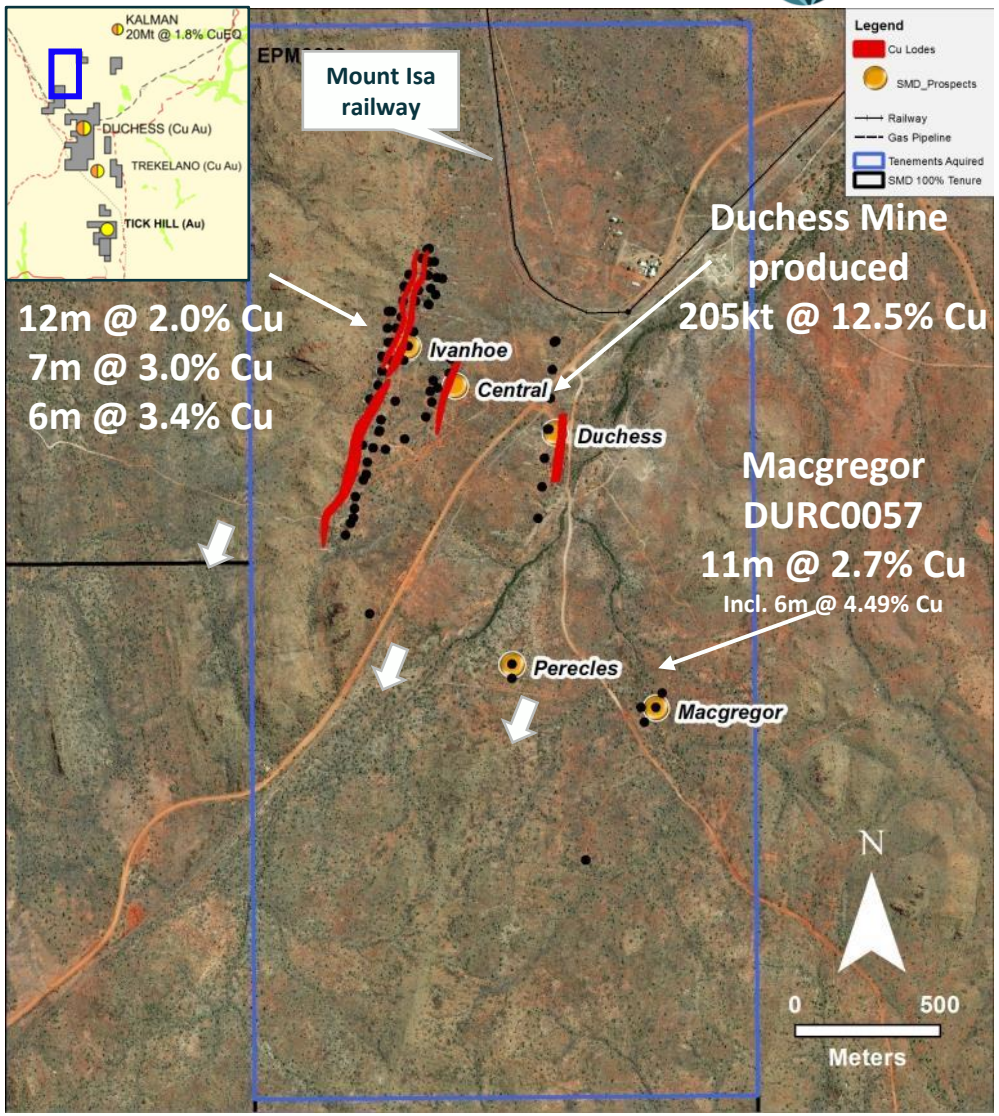
GREATER DUCHESS COPPER GOLD PROJECT

Duchess Deposit (CNB: 82.5%)[1]

- Duchess Deposit (1900-1940) - produced **205kt grading 12.5% Cu**
- Includes Ivanhoe Lode open along strike and at depth with results up to;
  - **12m @ 2.0% Cu and 7m @ 3.0% Cu**
- Macgregor, 4 holes drilled all intersecting copper mineralisation up to;
  - **11m @ 2.7 %** Cu from 86m inc **6m @ 4.5 % Cu** from 89m
- Undrilled IP and EM anomalies at Duchess Deeps to be drilled in 2022





1. *See ASX release dated 12 March 2019*

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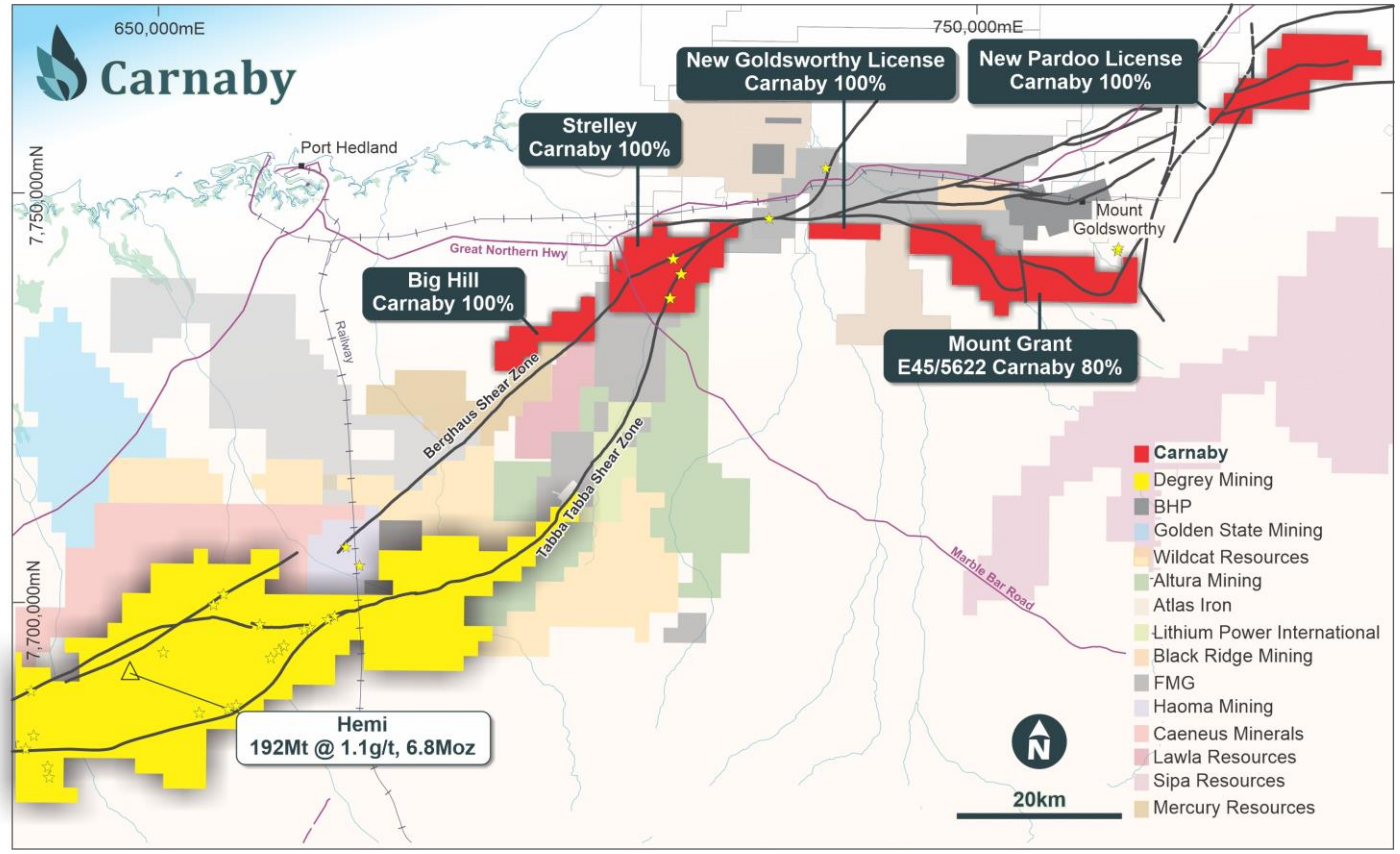
MALLINA BASIN, PILBARA WA (CNB: 80-100%)

Strelley - intrusion hosted gold mineralisation intersected in drilling

- 70 km strike of underexplored ground covering 442 km^2 which is only 70 km northeast of De Grey Mining Ltd's (ASX DEG) Hemi gold deposit, 192Mt @ 1.1g/t for 6.8Moz[1].
- High grade "Hemi style" intrusion and shear hosted gold mineralisation has been intersected in first pass RC drilling along the > 4 km long Strelley Gold Corridor, **5m @ 4.83 g/t, 10m @ 1.62 g/t and 2m @ 5.21 g/t gold[2].**
- Final results pending from RC drilling in December 2021



1. *See De Grey Mining Ltd's (ASX DEG) ASX release dated 23 June 2021*
2. *See ASX release dated 27 October 2021*

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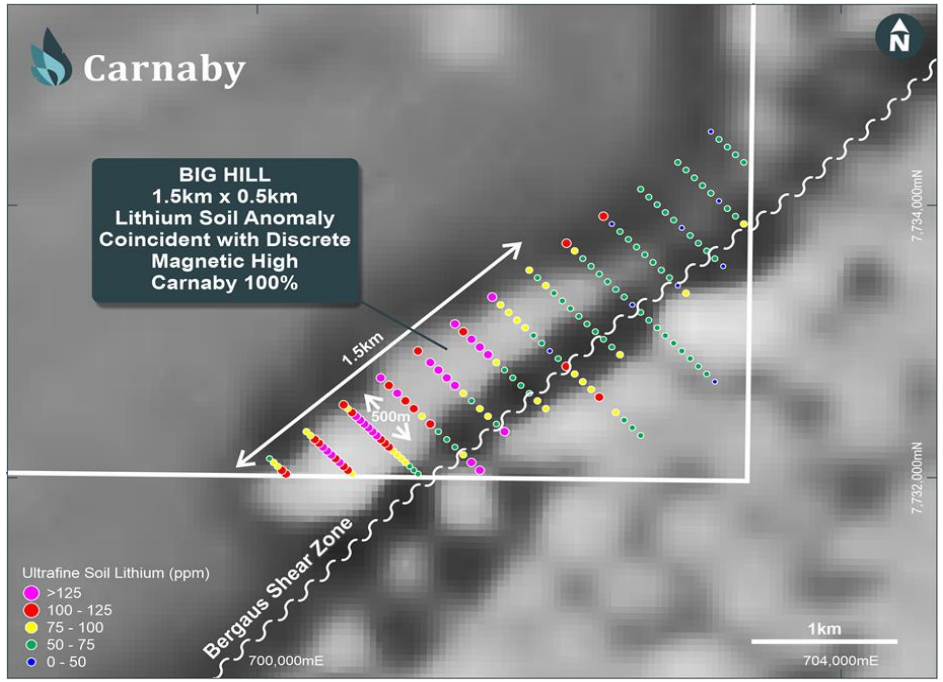
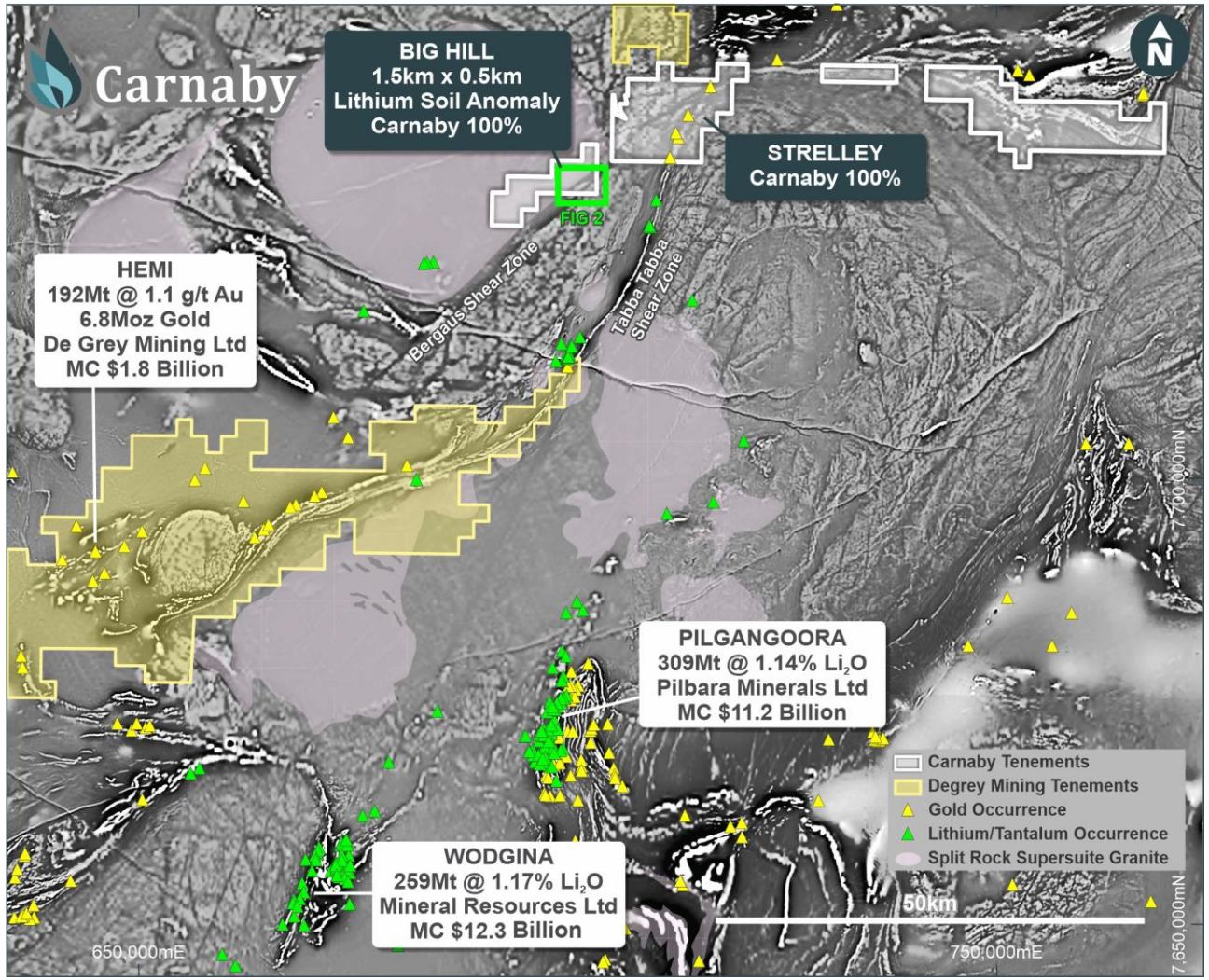
MALLINA BASIN, PILBARA WA

Big Hill lithium and gold project (CNB:100%)

- Large 1.5 km by 0.5 km lithium soil anomaly with soil results up to 179 ppm Li[1].
- Two parallel gold soil anomalies, each over 2 km in strike within the Berghaus Shear Zone.





1. *See ASX release dated 1 December 2021*
2. *Resources in Right Hand Diagram:*
   - *See De Grey Mining Ltd's (ASX DEG) ASX release dated 23 June 2021*
   - *See Pilbara Minerals Ltd's (ASX PLS) ASX release dated 6 September 2021*
   - *See Mineral Resources Ltd's (ASX MIN) ASX release dated 23 October 2018*

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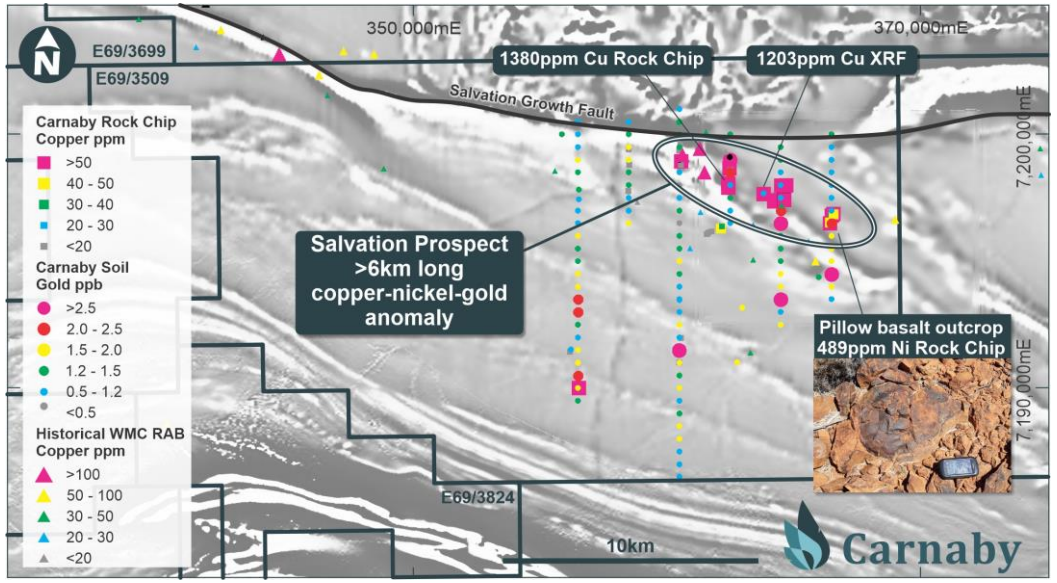
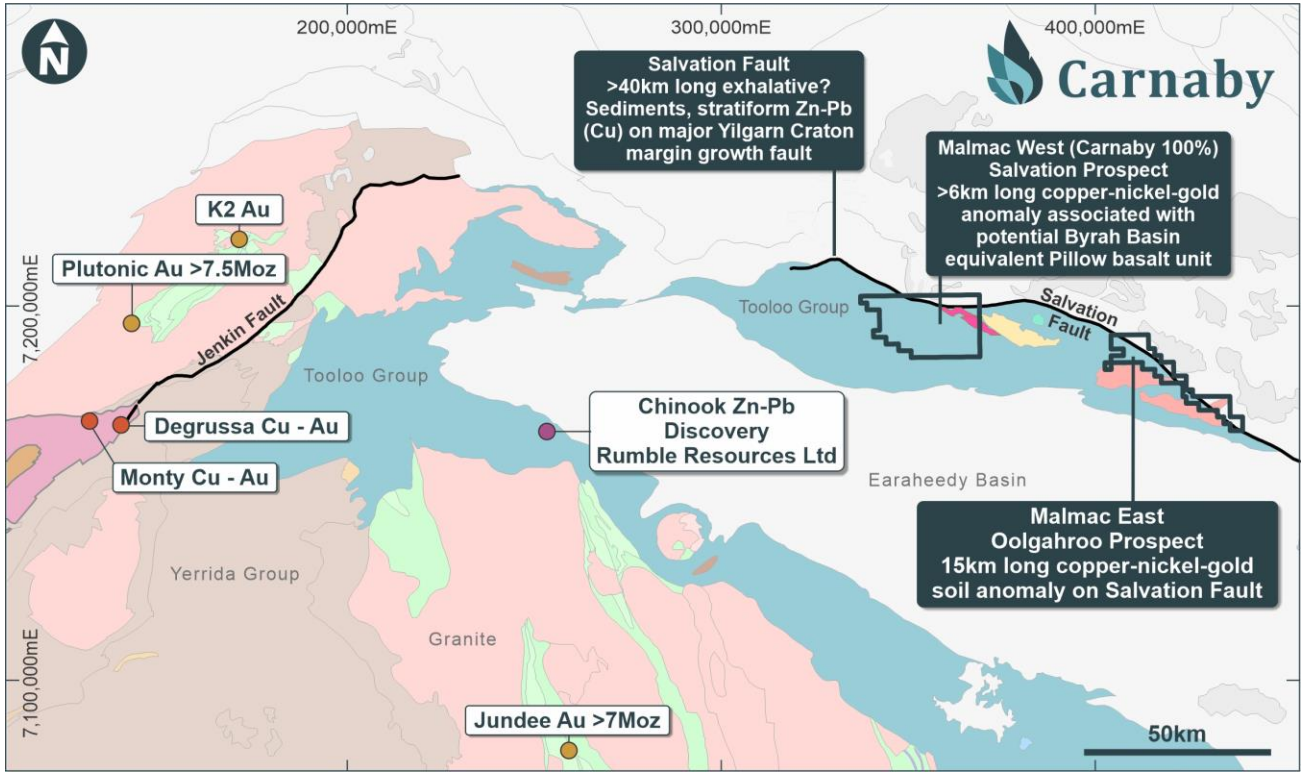
MALMAC PROJECT (CNB: 100%)

Early Stage New Frontier Project

- **Salvation Prospect - 6 km long copper-nickel surface anomaly with results up to 1,380 ppm copper.**
- Little-known outcrop of **pillow basalt**, potentially equivalent to the Narracoota Volcanics in the Byrah Basin.
- **Equivalent geological setting to the Chinook Zn-Pb discovery by Rumble Resources Ltd.**
- **Malmac highly prospective for Cu-Au VMS ie Degrussa style and Zn-Pb SEDEX**





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ACTIVITIES & NEWSFLOW

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Greater Duchess Copper Gold Project (QLD)

- Ramp up of exploration at Greater Duchess Coper Gold Project
  - Two rigs currently on site for the planned 20,000m drilling programs
  - RC and diamond drilling at Lady Fanny
  - **Extensional drilling at Nil Desperandum**
  - Ongoing IP surveys across the Project
  - Comprehensive testing of >5km long IOCG belt
- Target generation and early-stage work on expanded tenement holdings

Pilbara Gold & Lithium Projects (WA)

- Final results awaited from 2021 RC drilling with follow-up drilling planned
- Drilling planned for the large Big Hill lithium soil anomaly and > 2km long gold soil anomalies at in WA[4].

1. *See ASX release dated 29 December 2021*
2. *See ASX release dated 13 January 2022*
3. *See ASX release dated 27 October 2021*
4. *See ASX release dated 1 December 2021*

INVESTMENT CASE – WHY CARNABY?

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- **Exceptional results** – major copper-gold discovery at Greater Duchess, Mt Isa district and promising early-stage gold results at Strelley in WA
- **Location** – major discovery in the heart of Australia's copper industry with excellent access, infrastructure and a range of opportunities to commercialise any discovery. Is there a better location in Australia to discover a copper deposit?
- **Strong news flow** – multiple rigs drilling at Greater Duchess on extensional drilling and to test the exciting IP targets we have recently generated.
- **Strong balance sheet** – with over $25M in cash we are fully funded to ramp up exploration at our very exciting projects.
- **Strong board and Management** – this is a team that has discovered and built mines before with a strong record of success. We are well on the way to doing it again.

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Carnaby Resources – discovering high grade copper in Australia's Copper Heartland