



## AGM Presentation November 2019

Drilling for the extension of one of Australia's high grade gold deposits



# DISCLAIMER



## **Forward Looking Statements**

These materials include forward looking statements. Forward looking statements inherently involve subjective judgement and analysis and are subject to significant uncertainties, risks and contingencies, many of which are outside the control of, and may be unknown to, the company.

Actual results and developments may vary materially from that expressed in these materials. The types of uncertainties which are relevant to the company may include, but are not limited to, commodity prices, political uncertainty, changes to the regulatory framework which applies to the business of the company and general economic conditions. Given these uncertainties, readers are cautioned not to place undue reliance on forward looking statements.

Forward looking statements in these materials speak only at the date of issue. Subject to any continuing obligations under applicable law or any relevant stock exchange listing rules, the company does not undertake any obligation to publicly update or revise any of the forward looking statements, changes in events, conditions or circumstances on which any such statement is based.

# CARNABY 2019 HIGHLIGHTS



## Unlocking the potential at Tick Hill

- 23 April – Settlement of the acquisition of Tick Hill project
- 16 May – Key target areas defined and high grade rock chips up to **8.6 g/t Au** and **24 % Cu**
- 11 June – Mount Birnie spectacular historical drill results up to **11 m @ 7.1 % Cu**
- 4 July – Sub Audio Magnetic (SAM) geophysical results highlight previously unrecognised NW trend
- 1 August – Mount Birnie High Grade copper-gold drill results
  - MBC002 – **6 m @ 4.4% Cu, 0.5 g/t Au within 15 m @ 2.1% Cu** (24 m)
  - MBC006 – **3 m @ 9.3 % Cu, 1.0 g/t Au and 2 m @ 9.5% Cu within 17 m @ 3.1 % Cu** (84 m)
- 1 October – Tick Hill high grade gold drill results
  - CBC003 – **1 m @ 34.5 g/t Au within 2 m @ 17.9 g/t Au** (99 m)
  - CBC005 – **1 m @ 41.9 g/t Au within 6 m @ 8.5g/t Au** (94 m)
- 26 November – Tick Hill high grade gold drill results & Tick Hill North drilling commenced
  - CBC024 – **1 m @ 25.7 g/t Au within 3 m @ 9.8 g/t Au** (80 m)

## COMPANY OVERVIEW

### Capital Structure

- ASX Code CNB
- Current Share Price \$0.08
- Shares on Issue<sup>1</sup> 96.0M
- Unlisted Options on Issue 18.2M
- Market Capitalisation<sup>2</sup> \$7.7M
- Cash (30 Sept 2019) \$3.2M
- Top 20 Shareholders 42.4%
- Management 12.1%

### Board

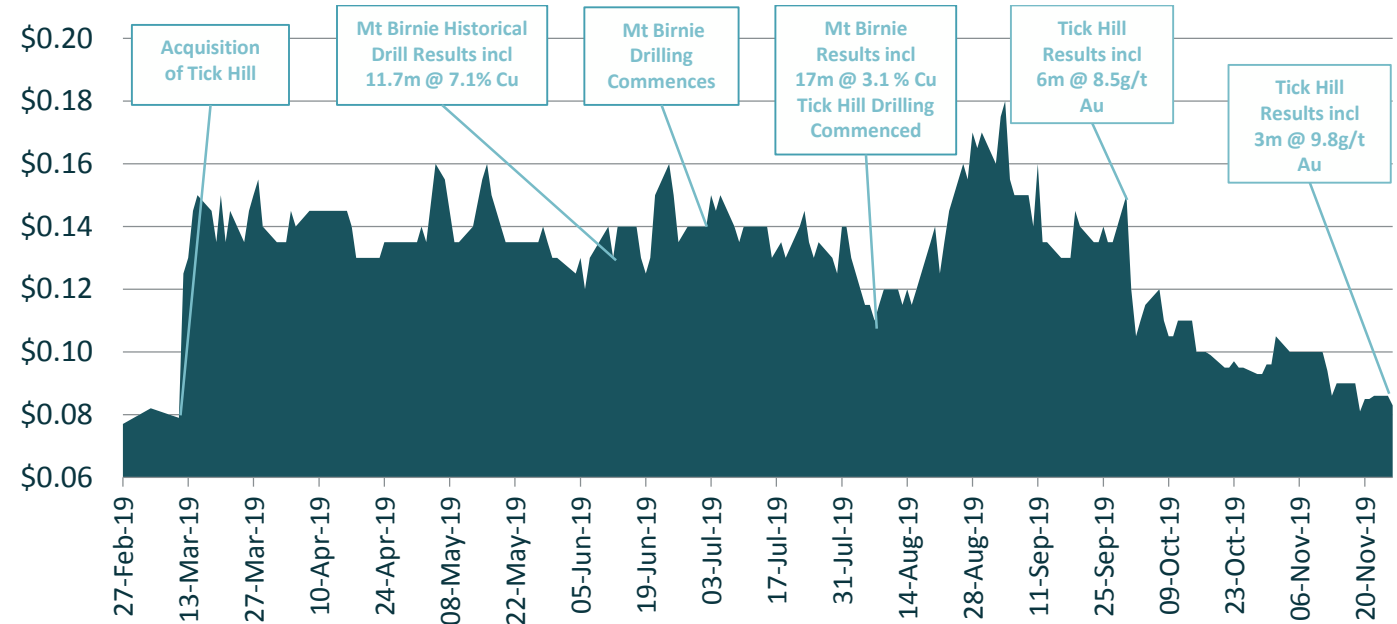
- Peter Bowler – Non-Executive Chairman
- Rob Watkins – Managing Director
- Justin Tremain – Non-Executive Director
- Paul Payne – Non-Executive Director

<sup>1</sup>12,339,744 shares are subject to escrow until 23 April 2020

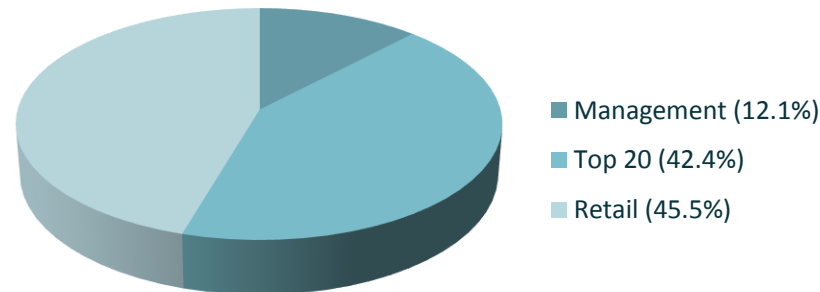
<sup>2</sup>As at 27 November 2019



### Share Price Performance

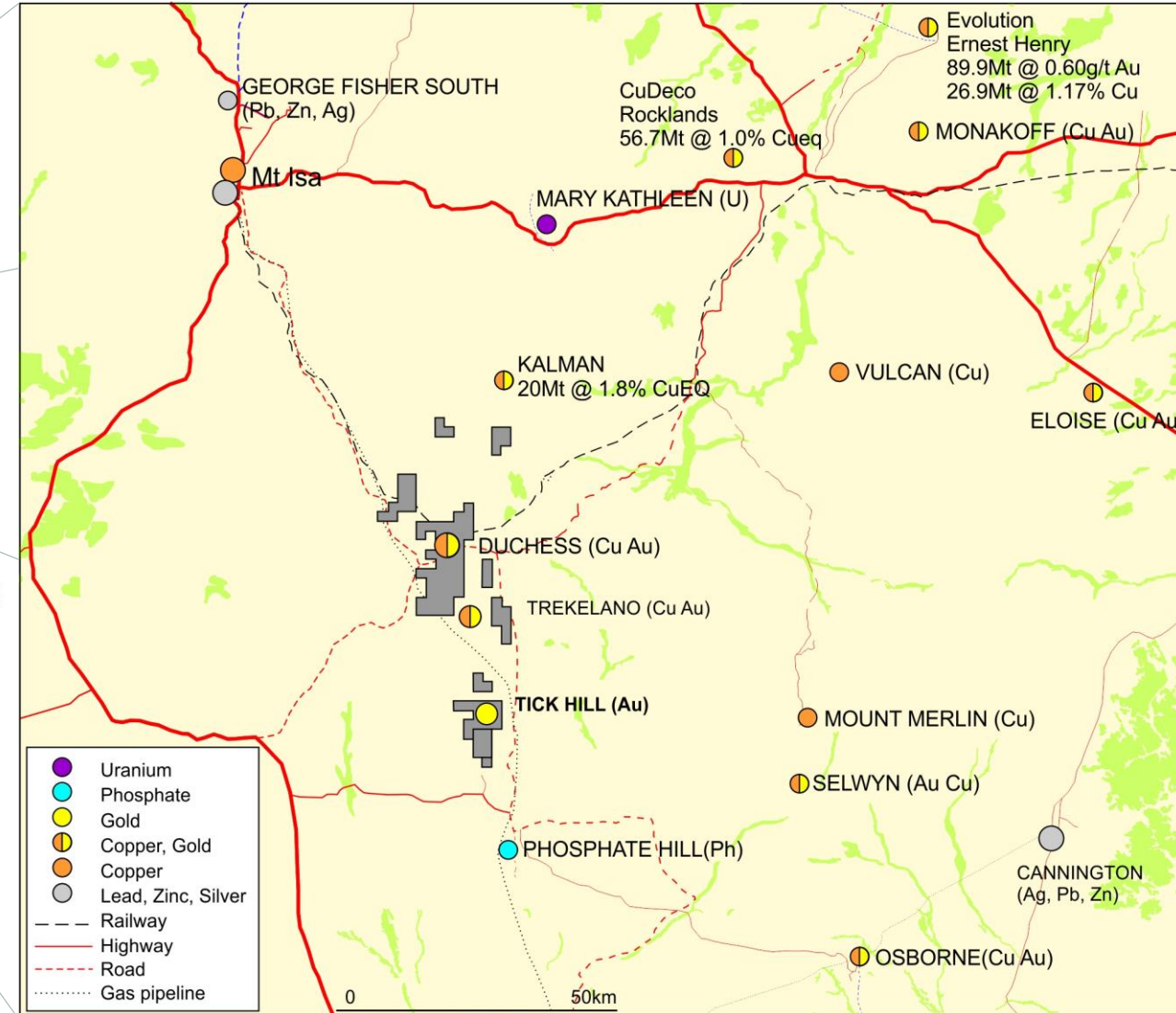
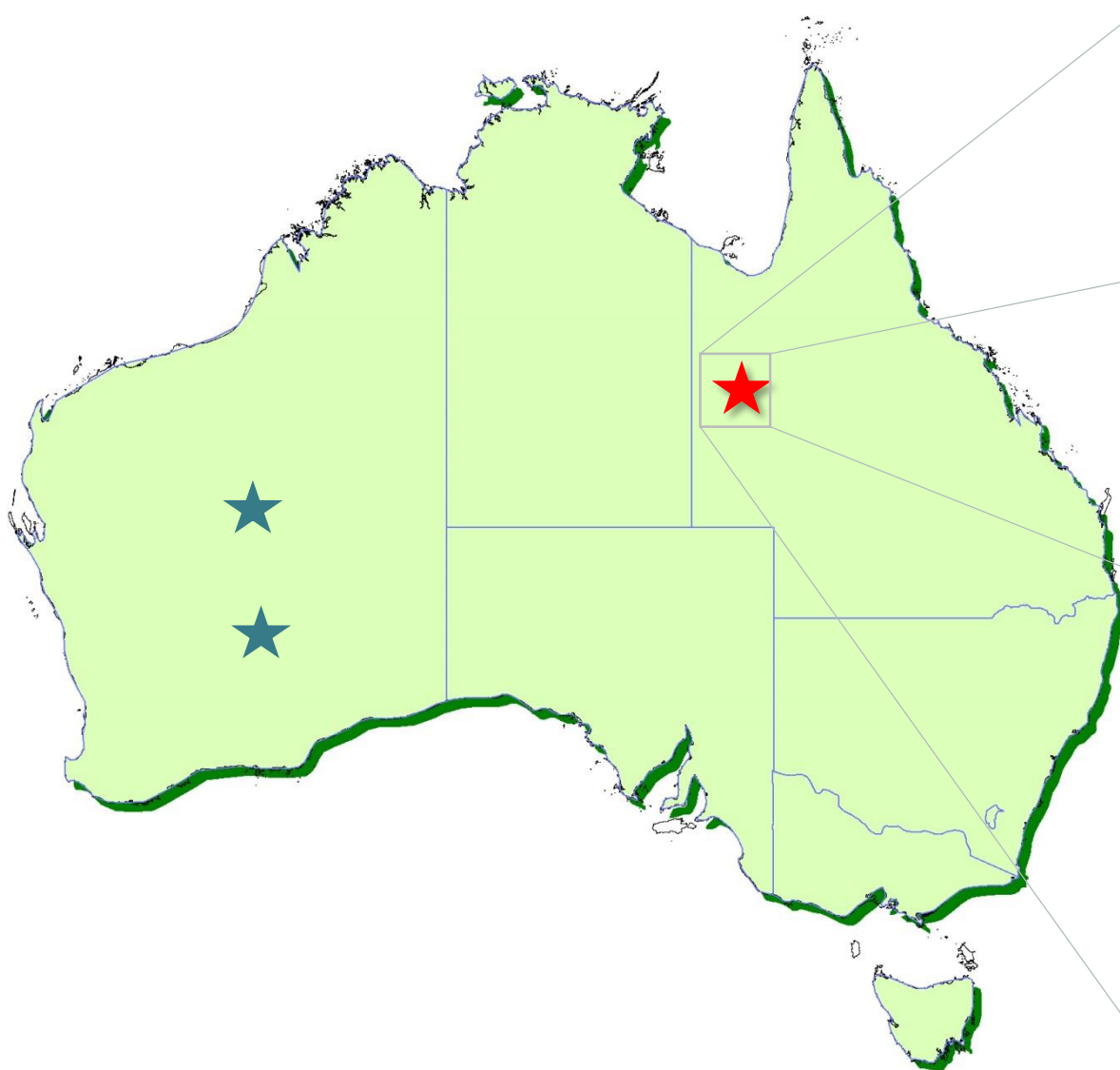


### Ownership Structure



# TICK HILL - MT ISA INLIER

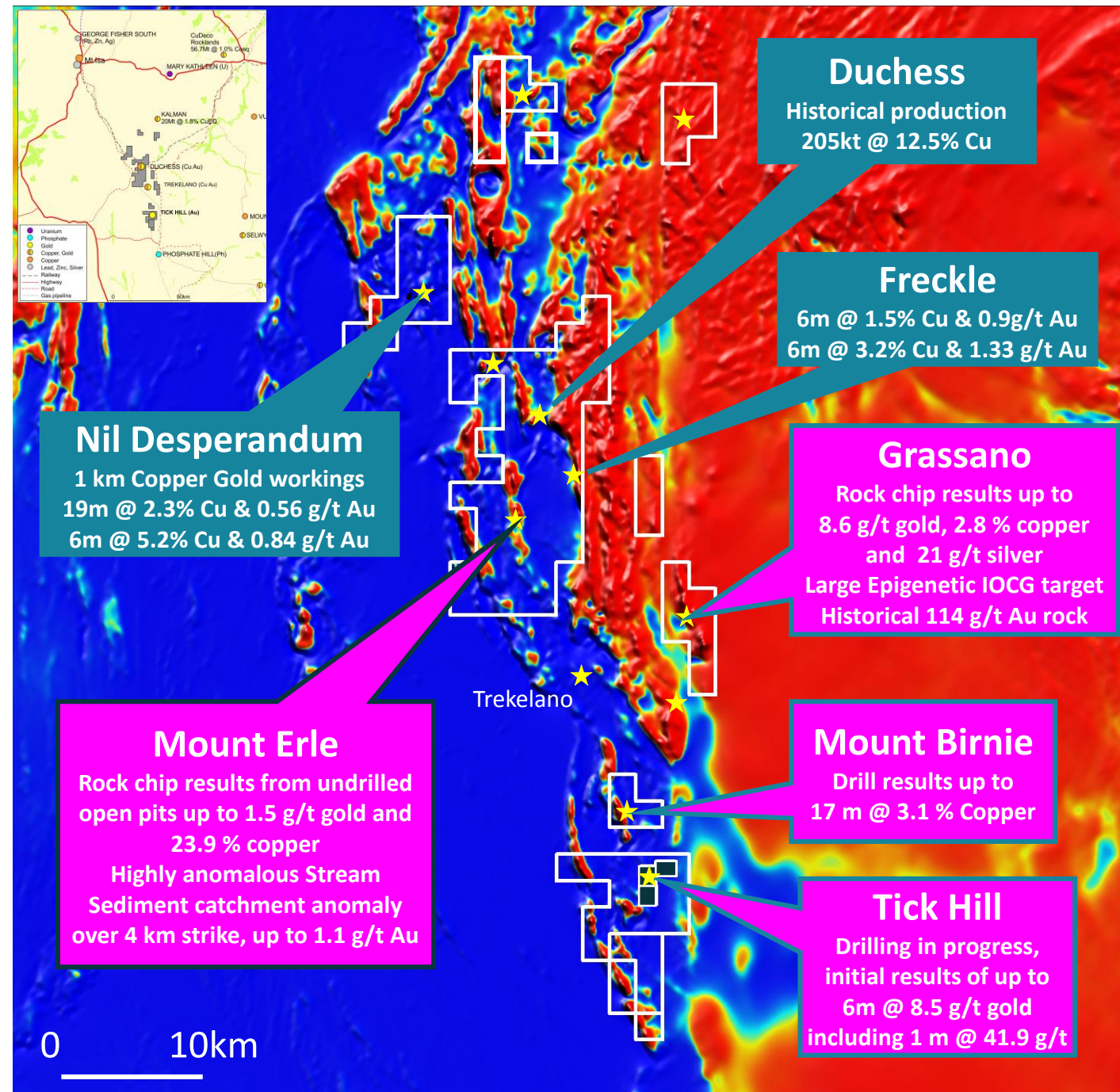
SURROUNDED BY TIER 1 DEPOSITS & INFRASTRUCTURE



# TICK HILL PROJECT

> 50 km long IOCG corridor

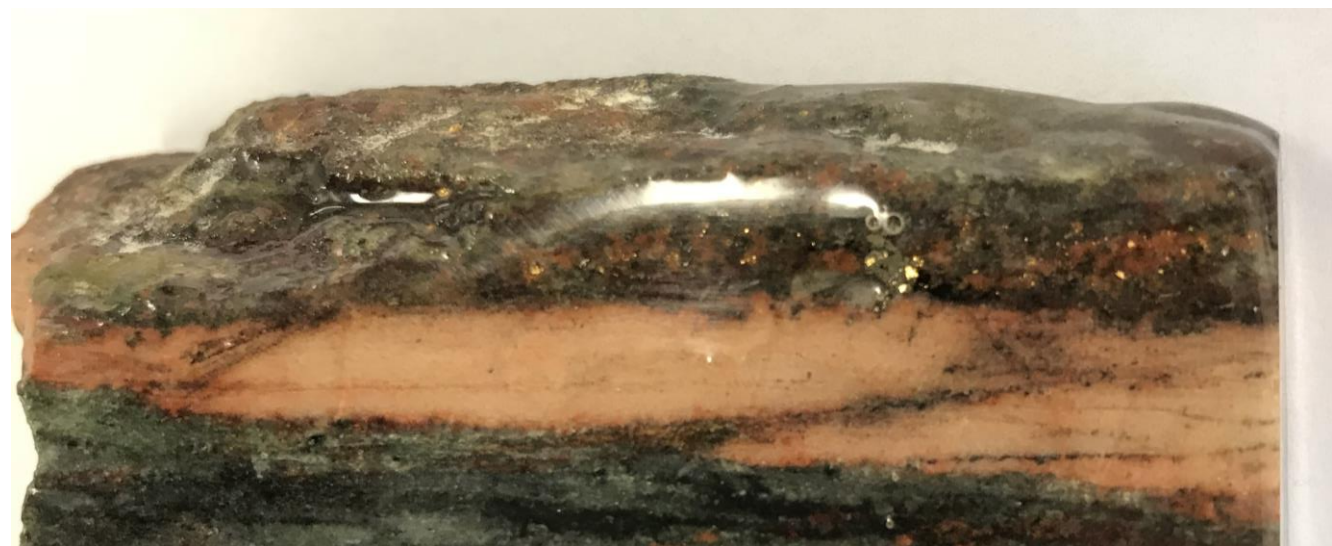
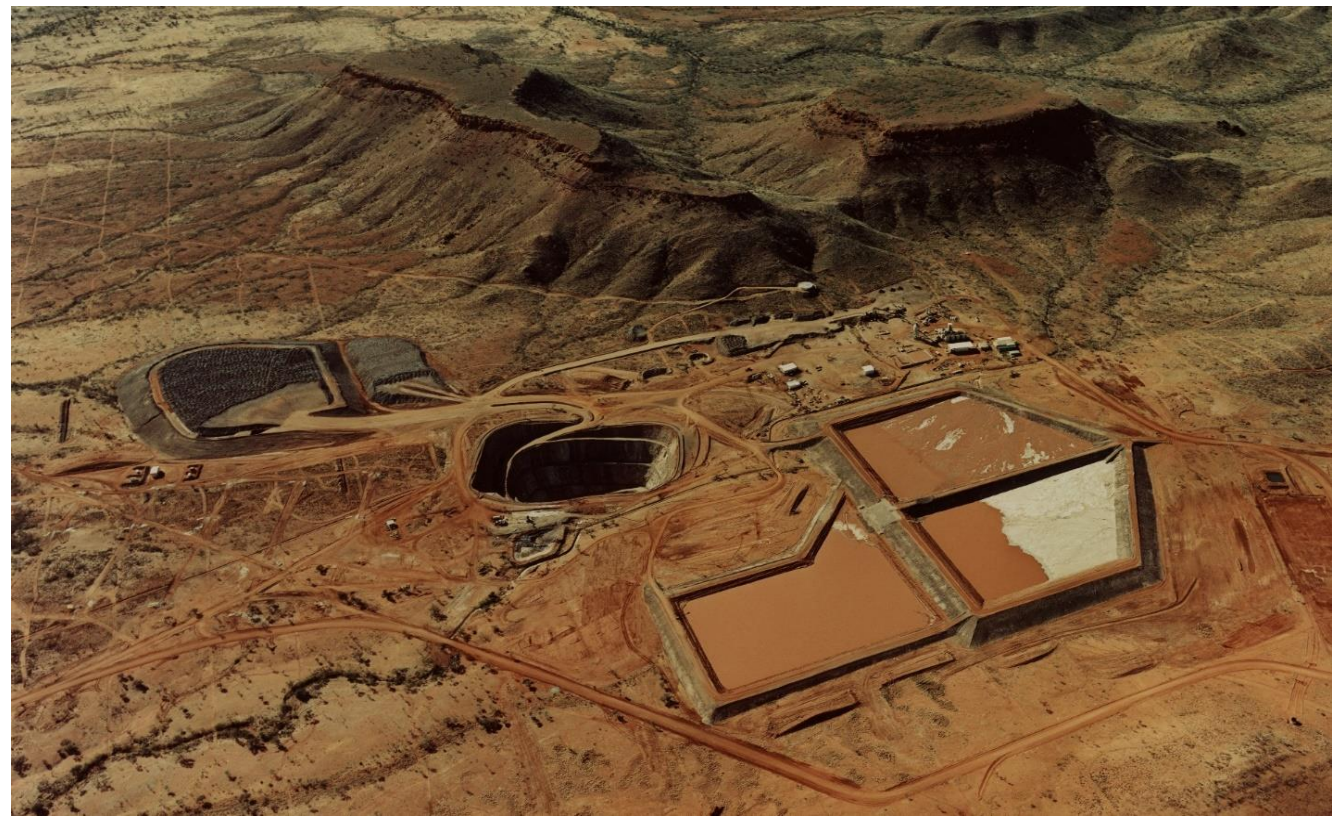
- Consolidated 323km<sup>2</sup> land package - highly prospective tenure centred around Tick Hill and Duchess deposits
- > 50 km IOCG corridor within project area
- Tick Hill - largely unexplored for over 20 years since mine closure with Mount Isa Mines (MIM) in 1995
- Fragmented historic land package has inhibited the past two decades of exploration
- New research findings and advances in modern exploration techniques developed over the last 20 years make Tick Hill a compelling target



# TICK HILL GOLD DEPOSIT (100 %)

## AN EXCEPTIONAL OREBODY

- One of the highest grade and most profitable gold orebodies ever mined in Australia, faulted off at only 235m below surface
- Discovered by MIM in 1989 and mined during 1991-95
- Generated A\$150-200M profit to MIM during average gold price of ~US\$350oz
- Total produced 511,000 ounces grading 22.5 g/t Au
- Free milling ore - historical recovery of 97.2%
- Highly positive historical reconciliation
- Cash operating costs ~A\$120/oz Au
- Located on three granted mining concessions
- Tailings Dam Mineral Resource - 630,000 tonnes grading 1.08g/t Au for 22,000 ounces



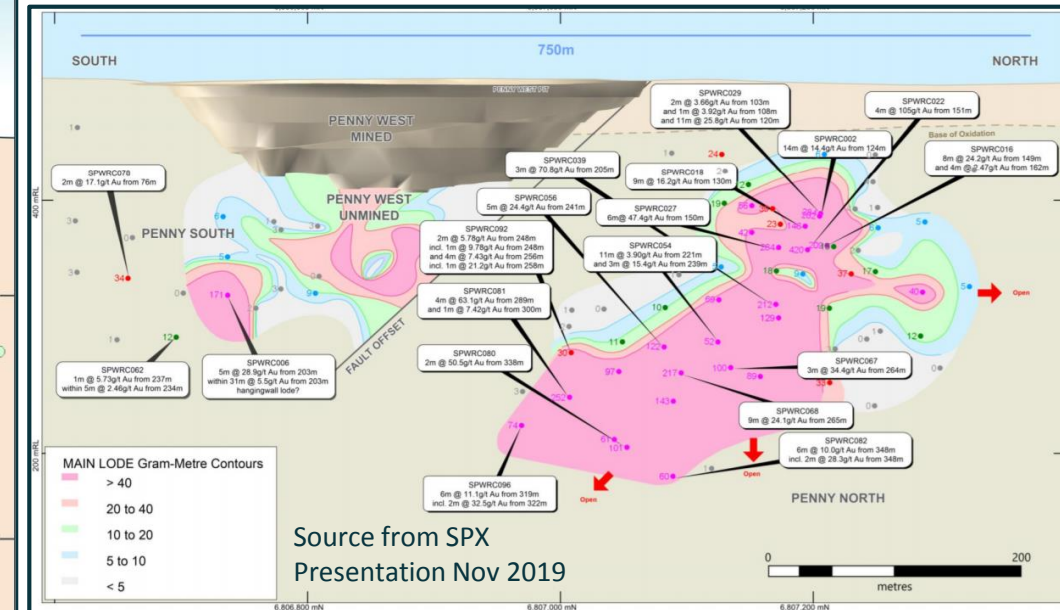
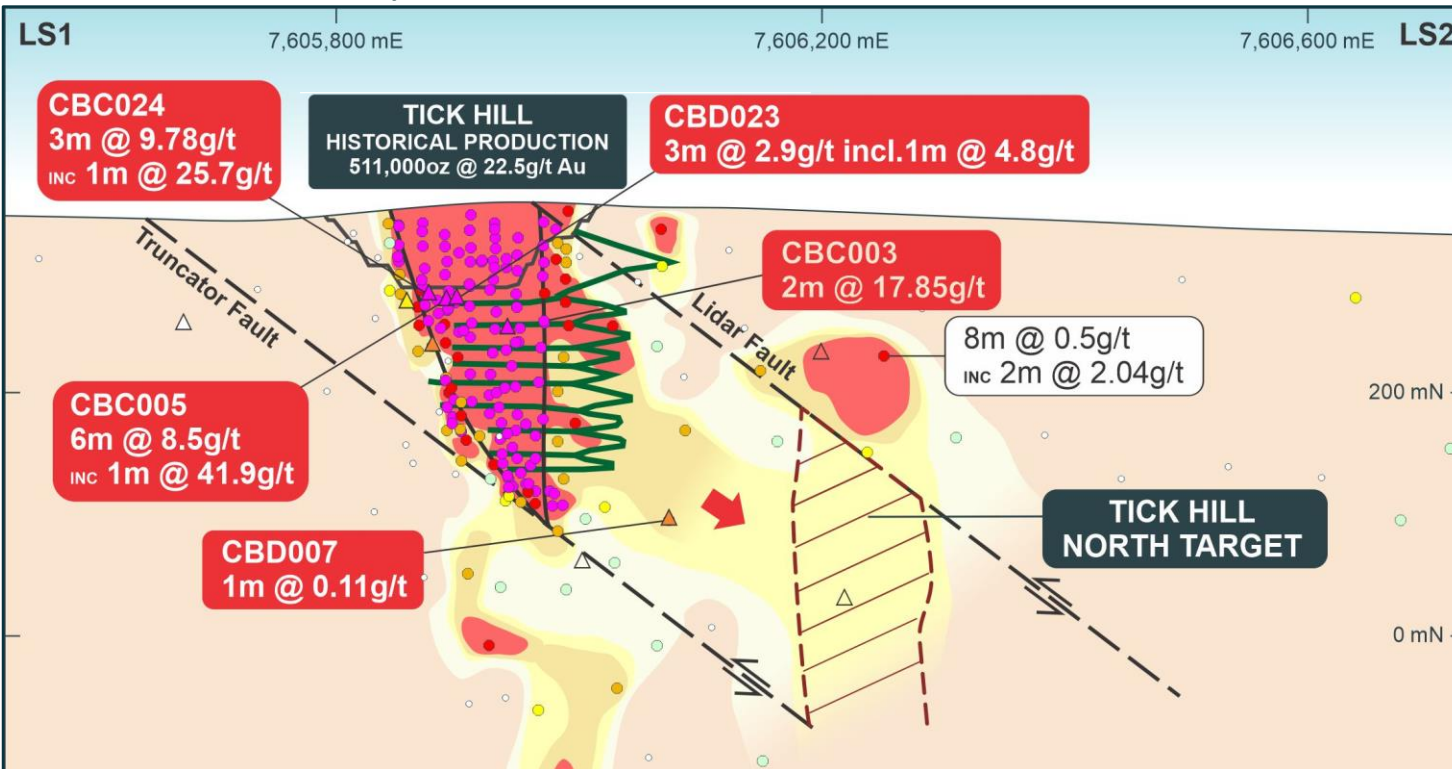
# TICK HILL – Fault offset analogy with Penny North

## Tick Hill (100% Carnaby)

- Produced 511,000 ozs gold @ 22.5 g/t gold
- Orebody mined to 235 m below surface 1991-95
- Orebody faulted off at depth
- Forgotten for the last 20 years
- Extension yet to be discovered
- Market Cap \$7.5M

## Penny West (Spectrem)

- Produced 85,000 ozs gold @ 21.8 g/t gold
- Orebody mined to 82 metres below surface 1991-92
- Orebody faulted off at depth
- Forgotten for the last 20 years
- Extension at Penny North discovered (See ASX SPX, March 2019)
- Market Cap ~\$100M

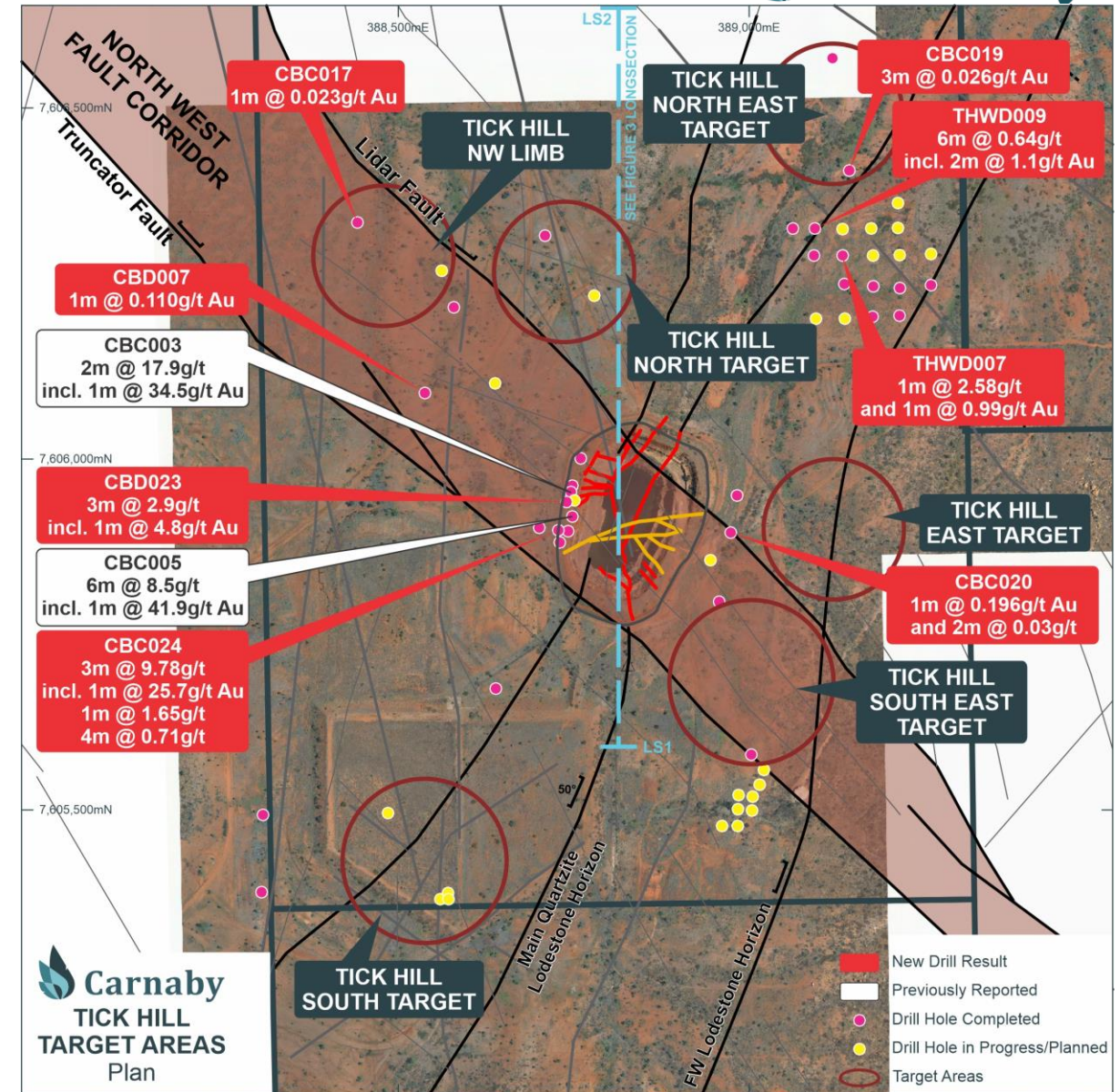




# Tick Hill Near Mine Exploration

## Hunt for the offset and repetition continues

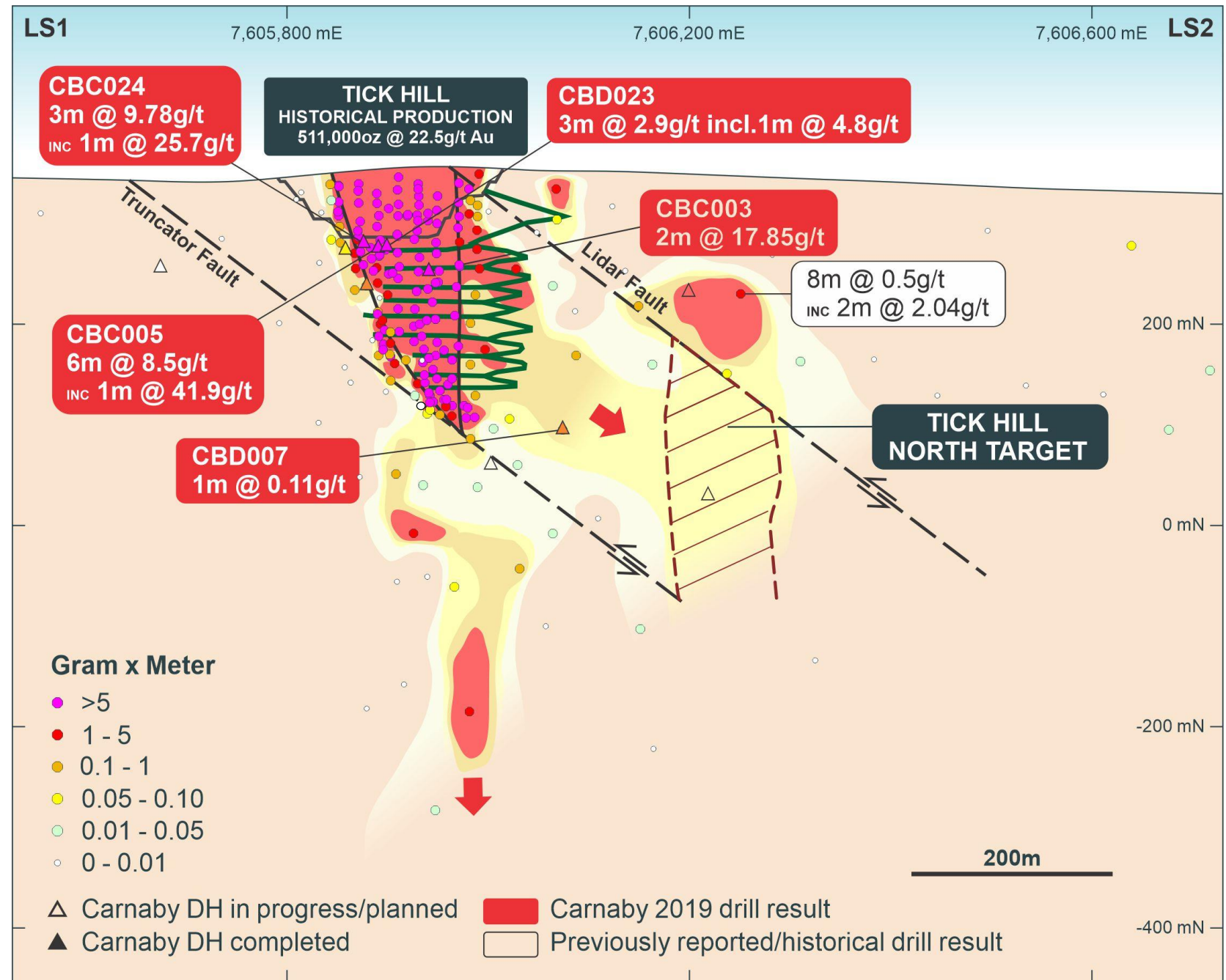
- Extensive mapping, re-logging, geophysics (SAM), 3D modelling and initial shallow drilling has identified the previously unrecognised North West Fault corridor as an important controlling structure at Tick Hill.
- The Truncator Fault truncates the Tick Hill orebody at only 235 m below surface, and the Lidar Fault abruptly terminates the northern end of the deposit.
- Initial wide spaced step out exploration drilling in the Tick Hill near mine area has intersected alteration and gold anomalism consistent with the expected alteration and tenor of gold anomalism on the edge of a Tick Hill type orebody. Follow up drilling is underway at the highly promising Tick Hill North target.
- Results from several completed exploration holes remain outstanding



# TICK HILL CORRIDOR

## AN EXCEPTIONAL TARGET

- Orebody mined to only 235 m below surface producing 511,000 ounces gold @ 22.5 g/t
- Orebody truncated by NW striking Truncator Fault at 235 m
- Sparse drilling along the Tick Hill corridor below 235m
- The Tick Hill North target represents a potential structural repetition site of Tick Hill where a moderate north plunge between the Lidar and Truncator Faults intersects the Main Lodestone / Quartzite horizon.
- Drill testing of the Tick Hill North target has just commenced



# TICK HILL OREBODY EXTENSIONS

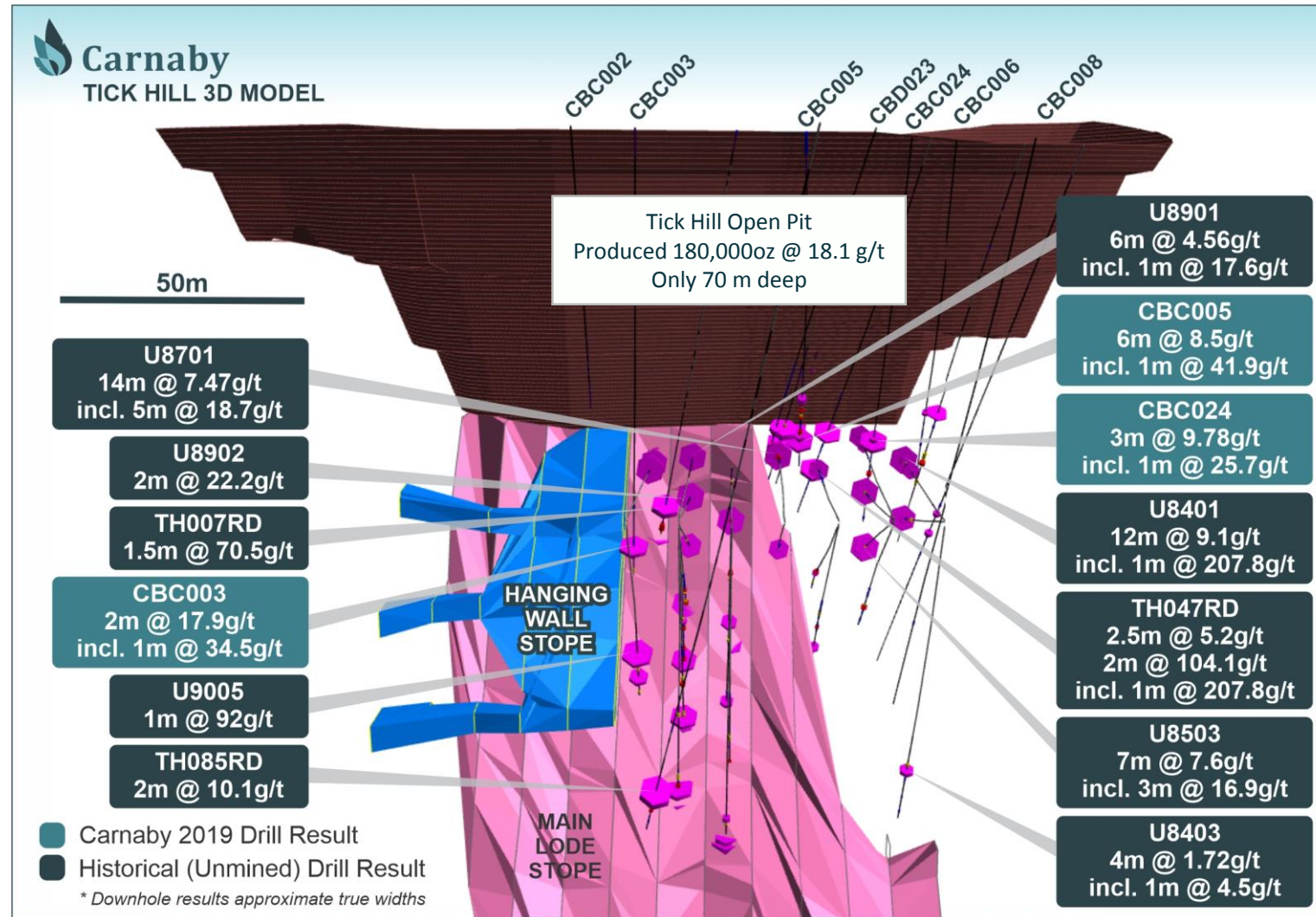
## An Emerging Opportunity

Shallow high grade gold drill intersections have defined significant un-mined sections of the Hangingwall Lode and Main Lode South areas immediately below the Tick Hill open pit (see ASX releases 1 Oct 2019 & 26 Nov 2019);

- **CBC003, 2m @ 17.9 g/t Au gold, Incl 1 m @ 34.5 g/t Au (Hangingwall Lode)**
- **CBC005, 6 m @ 8.5g/t Au gold, Inc 1 m @ 41.9 g/t gold (Main Lode South)**
- **CBC024, 3 m @ 9.8g/t Au gold, Inc 1 m @ 25.7 g/t gold (Main Lode South)**

A majority of Carnaby and historical downhole drill results approximate true widths

Initial resource modelling is underway and is anticipated to be completed in the near term



# TICK HILL OREBODY EXTENSIONS

High grade unmined lode extensions in close proximity to existing development

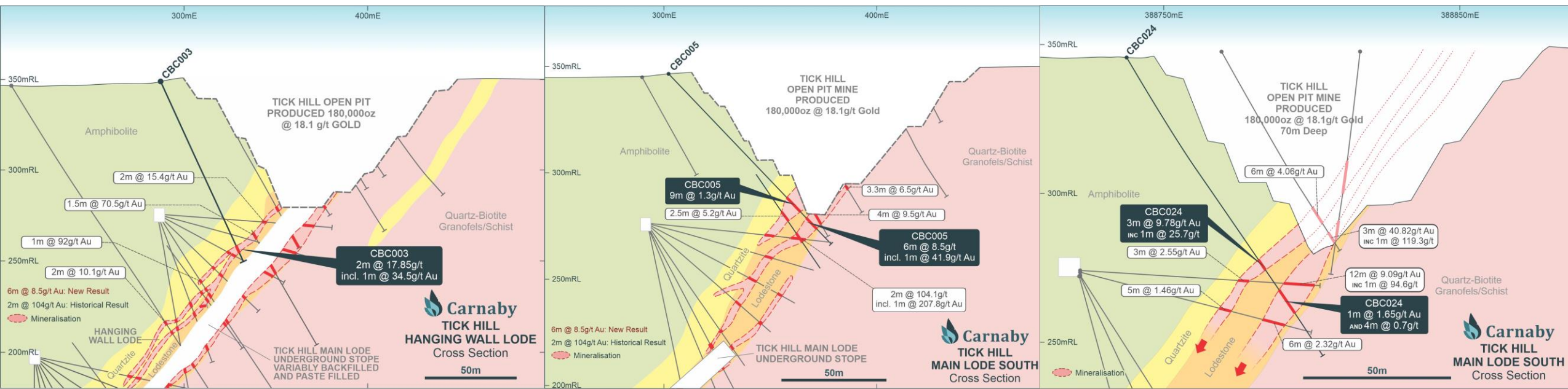


## Hangingwall Lode

- Continuous very high grade lode located on the contact between quartzite and lodestone
- Results include 1.5m @ 70.5 g/t, 1m @ 92 g/t, 2m @ 10 g/t, 2m @ 22.2 g/t, 2m @ 17.9 g/t, 2m @ 15.4 g/t
- Subparallel to Main Lode located 5m – 15m into the HW
- Only 1 stope historically mined due to emphasis on the Main Lode

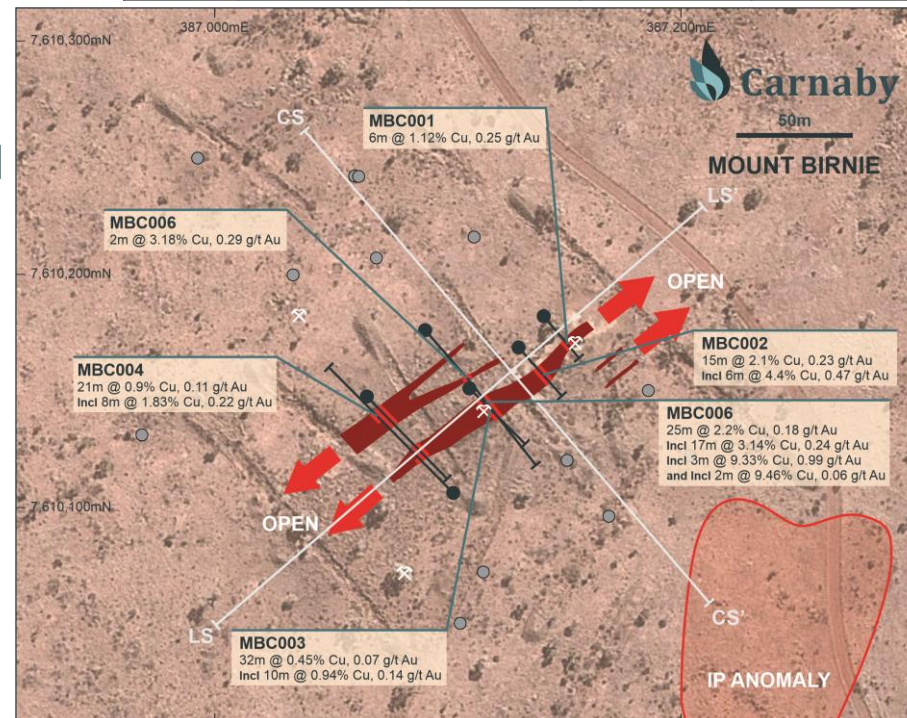
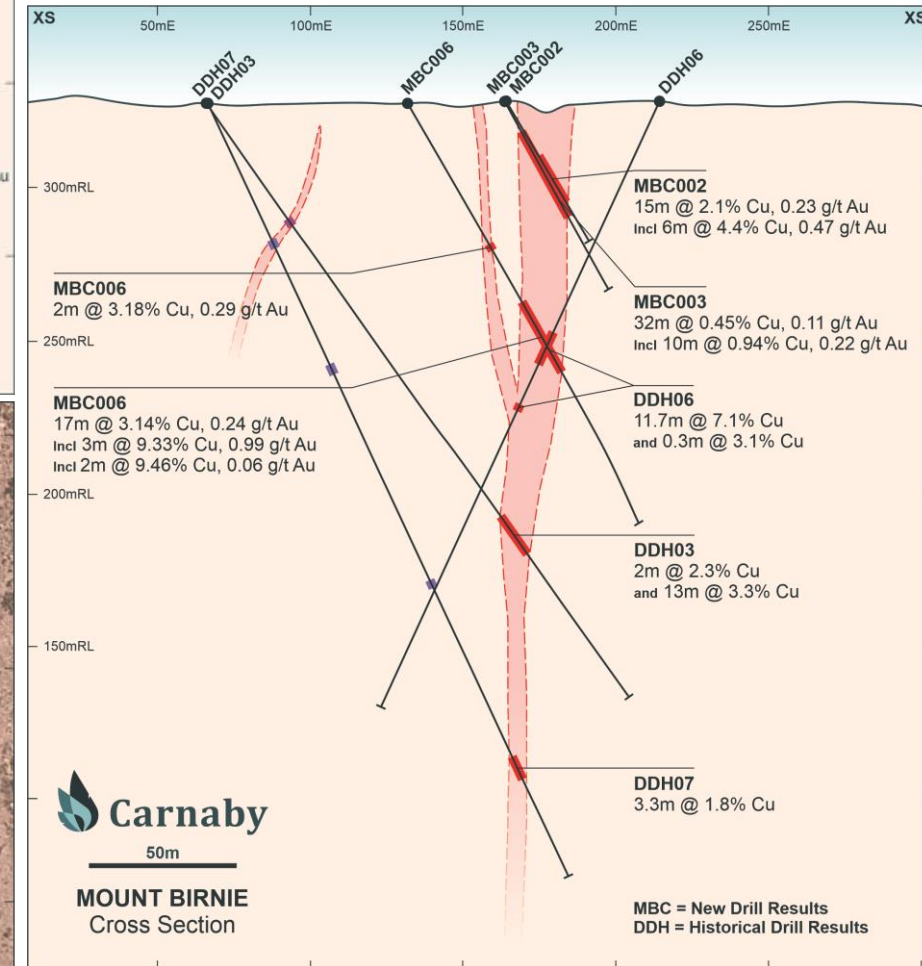
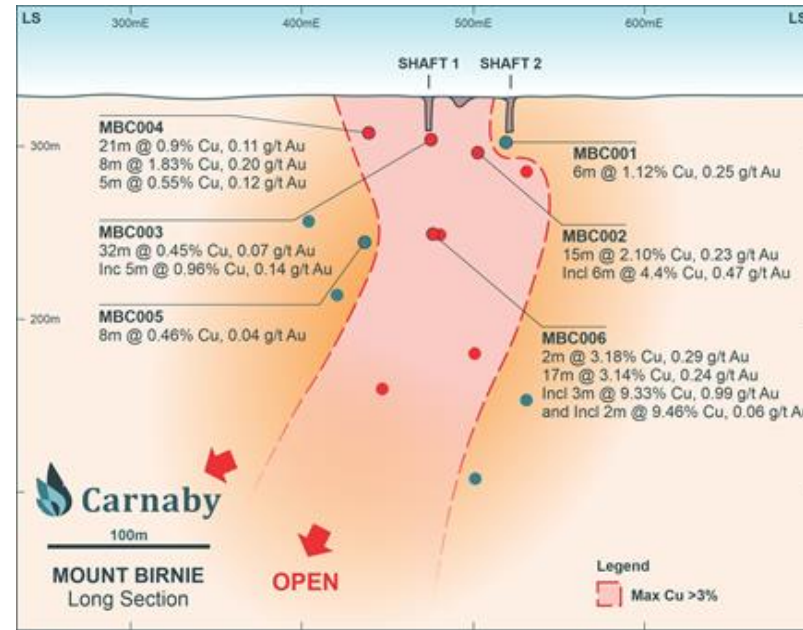
## Main Lode South

- Direct southern extension of Main Lode and Hangingwall lode is unmined below the southern end of the Tick Hill open pit
- Results include 2m @ 104.1 g/t, 12m @ 9.1 g/t inc 1m @ 94.6 g/t, 6m @ 8.5 g/t, 14m @ 7.5 g/t, 7m @ 7.6 g/t, 3m @ 9.8 g/t



# MOUNT BIRNIE

High grade copper IOCG deposit

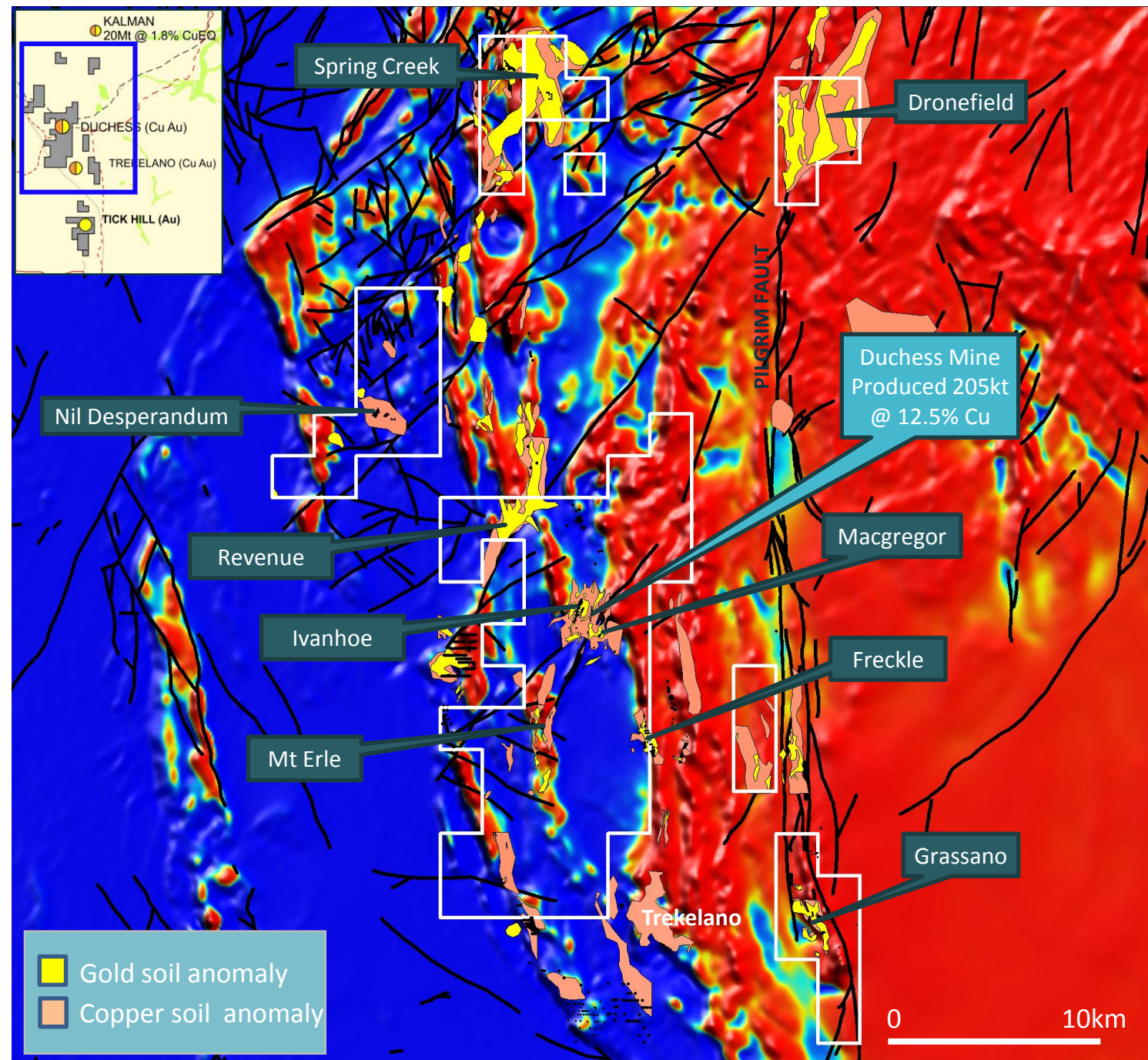


- Carnaby 2019 results inc;
  - MBC006 - 3m @ 9.3% Cu, 1.0 g/t Au and 2 m @ 9.5% Cu within 17 m @ 3.1% Cu
  - MBC002 - 6m @ 4.4% Cu within 15m @ 2.10% Cu
  - MBC004 – 8 m @ 1.8% Cu within 21m @ 0.9% Cu
- Remains open along strike and at depth
- 4 km long copper gold surface anomaly with numerous historical workings
- Located 4 km north of Tick Hill

# DUCHESS COPPER & GOLD

## EXTENSIVE IRON OXIDE Cu-Au CAMP

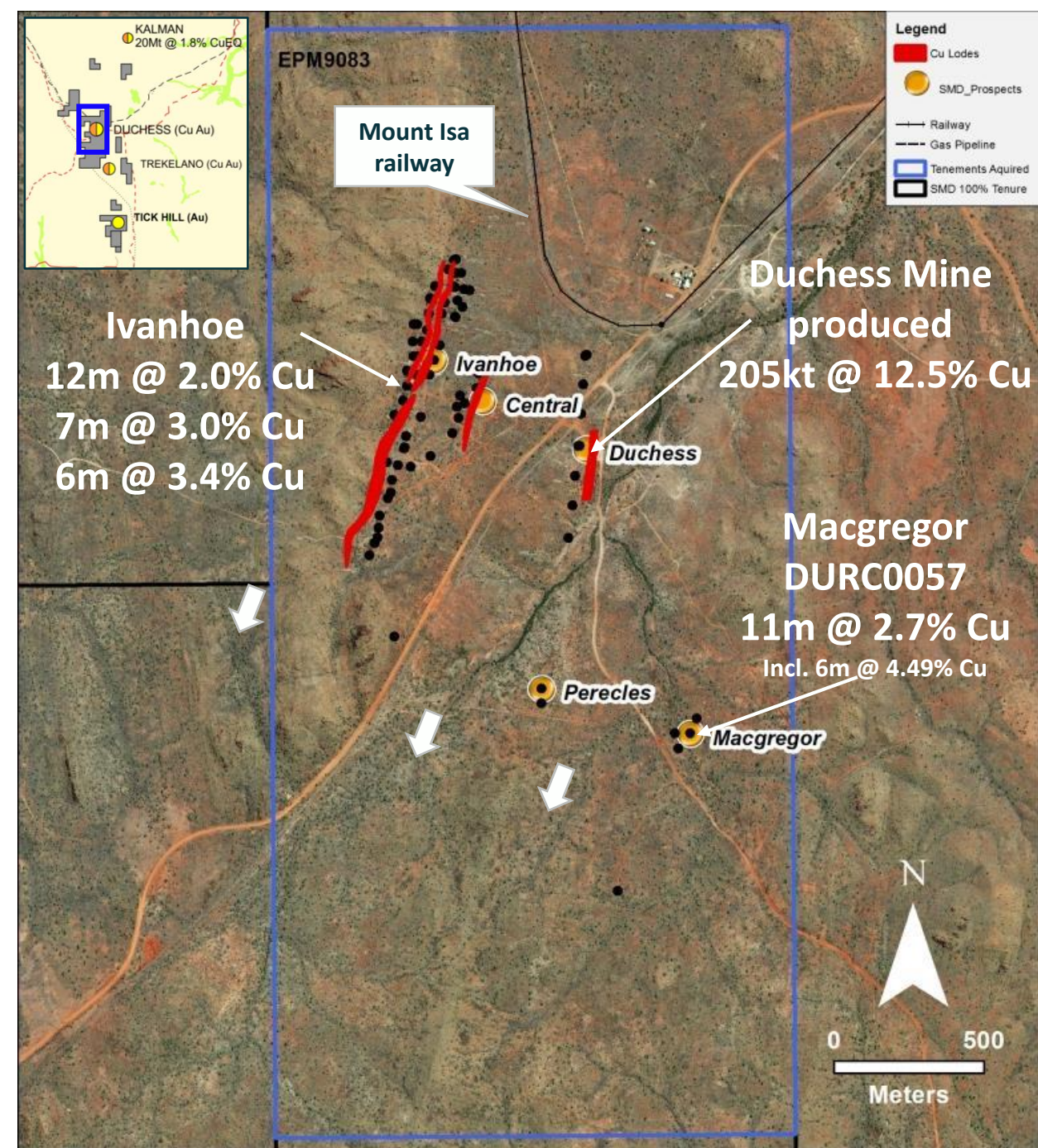
- Potential for numerous copper-gold open pitable gold resources; close proximity to infrastructure and nearby processing facilities
- Nil Desperandum | Drill results up to;
  - 19m @ 2.3% Cu and 0.56g/t Au,
  - 6m @ 5.2% Cu & 0.84g/t Au
- Freckle | Untested off hole conductor, drilling;
  - FR-1, 6m @ 1.5% Cu and 0.9g/t Au & 6m @ 3.15% Cu and 1.33g/t Au,
  - FR001D, 0.63m @ 3.5% Cu, 6.9g/t Au
- Mt Erle | Extensive undrilled Au-Cu anomalism and historical open pits on the west margin of the Duchess granite. Large Stream Sediment gold anomaly bigger than Tick Hill up to 1.1 g/t gold
- Grassano & Dronefield | Major crustal-scale fault with widespread 5 km Cu-Au anomaly at Dronefield, Grassano up to 114 g/t gold rocks



# DUCHESS TARGET

## POTENTIAL OPEN PITTABLE MINERAL RESOURCE

- 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,
  - 7m @ 3.0% Cu
  - 6m @ 3.4% Cu
- Macgregor, 4 holes drilled all intersecting copper mineralisation up to;
  - **11 m @ 2.7 % Cu** from 86 m inc **6 m @ 4.5 % Cu** from 89 m
- Undrilled EM anomalies at Duchess
- Potential to rapidly grow and convert a significant open pittable resource adjacent to railway and possible treatment options

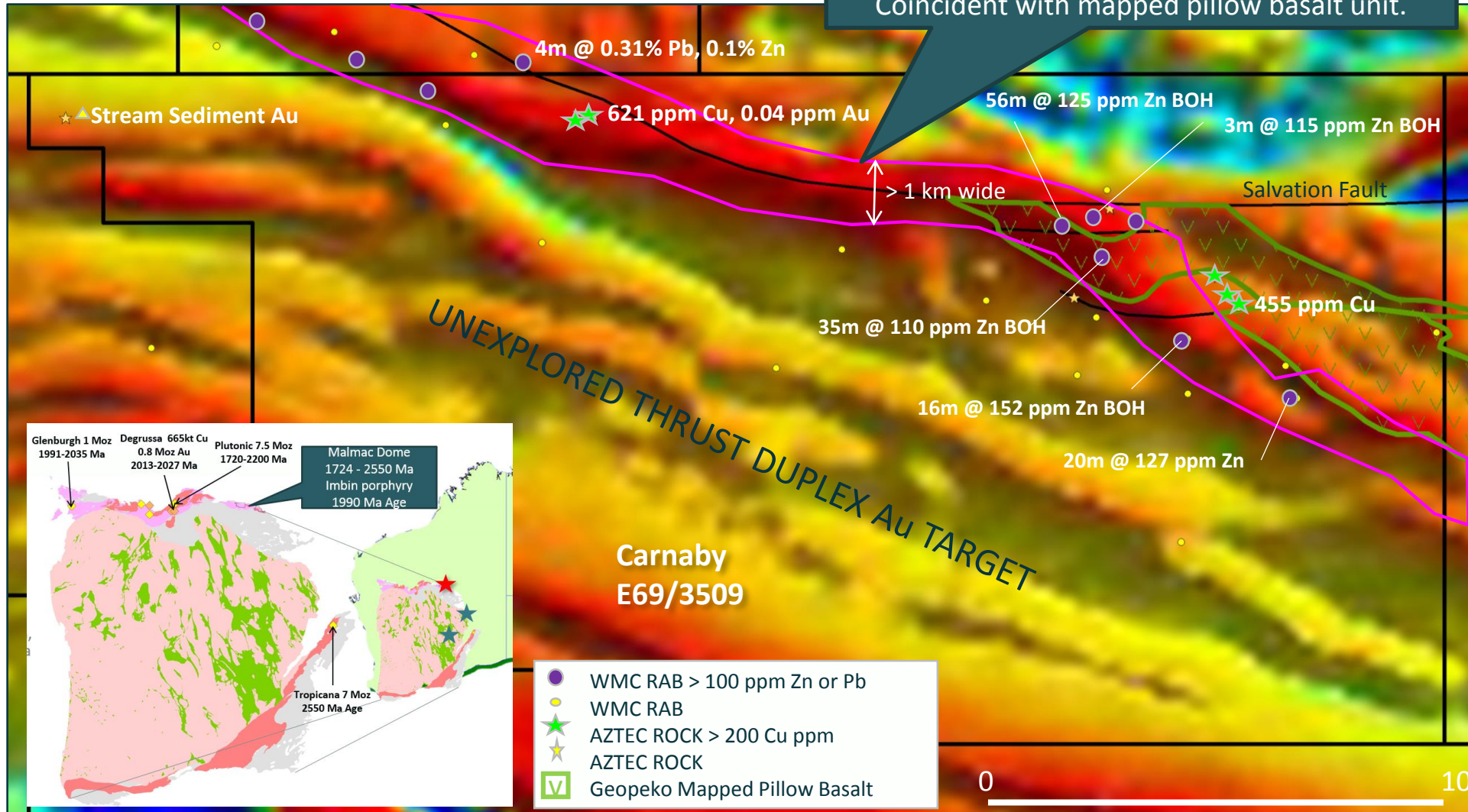


# MALMAC

## HIGHLY PROSPECTIVE AND ESSENTIALLY UNEXPLORED FRONTIER

Target Degrussa / Horse Shoe Lights style VHMS and Mississippi style sediment-hosted Pb-Zn 25 km strike of anomalous stratiform lead, zinc and copper (gold) hosted in (exhalative) cherts along major crustal scale growth fault. Coincident with mapped pillow basalt unit.

- Only gold exploration is 8 rock chip samples over 437 sq km in EL69/3509. Anomalous **copper 621 ppm and gold 0.04ppm**
- Scout RAB drilling by WMC in 1978 on ~2 km hole spacing intersected anomalous lead and zinc up to **4 m @ 0.31% lead, 0.1% Zinc**. Not assayed for gold
- Limited mapping by Geopeko identified pillow basalt similar to Degrussa host rocks
- Diamond exploration identified stream sediment Au anomaly





# CARNABY INVESTMENT HIGHLIGHTS



- Drilling of the highly promising Tick Hill North target has just commenced and is anticipated to be completed in mid December with results in the new year
- The potential extension or repetition of Tick Hill remains sparsely tested by drilling below the 235m level where the orebody has been truncated. Significant advancements in geological understanding are being made and will result in additional drilling for the extension of Tick Hill being planned and completed in 2020
- Results from several recently completed exploration holes at Tick Hill are pending
- Results from several recently completed resource targeted holes are pending
- Resource modelling of the very high grade direct extensions of the Tick Hill Hanging wall and Main Lode South areas has commenced and will be completed in the near term
- New understandings of the Tick Hill deposit has highlighted several high priority regional exploration targets within the wider tenement package. First pass surface exploration programs targeting these areas will commence in Q1 2020
- Extensive copper dominant IOCG deposits within the northern tenements will be further evaluated
- Initial reconnaissance exploration programs at Malmac in Western Australia will be completed in 2020
- Carnaby remains well funded to complete the next stages of exploration into 2020 (\$3.2M at 30 September 2019) and will continue to evaluate potential value accretive opportunities



# Carnaby

TAKING FLIGHT

