



Australian based **Au-Cu-REE** explorer  
"Exploring known mineral provinces with  
a new critical mineral focus in WA and QLD"

**Battery Minerals Conference**  
**PAYDIRT**

21 March 2023

ASX : KLI



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## **Compliance Statement**

The information in this Presentation that relates to prior Exploration Results for the West Tanami Project and the Ravenswood North Project is extracted from the following ASX Announcements lodged with ASX on 4th October 2022, 25th October 2022, 15th November 2022, 1st December 2022, 1st February 2023, 7th March 2023, and 21st March 2023 which are available on the Company's website [www.killi.com.au](http://www.killi.com.au) and the ASX website (ASX code: KLI). 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 that all material assumptions and technical parameters underpinning the estimates in the market announcements continue to apply and have not materially changed. The Company confirm that form and context in which the Competent Person's finding are presented have not been materially modified from the original market announcements.

## **Competent Person's Statement**

The information in this report that relates to Exploration Results is based on information compiled by Ms Kathryn Cutler. Ms Cutler is a Member of The Australasian Institute of Mining and Metallurgy. Ms Cutler has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Ms Cutler consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

# Corporate Structure



## Richard Bevan

### Non-Executive Chair

- Extensive senior management experience having been the MD/CEO of several listed and unlisted companies,
- Founding Managing Director of Cassini Resources Ltd.
- Richard is currently the Non-Executive Chairman of Narryer Metals Ltd (ASX: NYM) and Non-Executive Chairman of TG Metals (ASX:TG6).



## Greg Miles

### Non-Executive Director

- Graduated as a geologist from the Australian National University
- Over 25 years of experience in numerous commodities and mineral provinces across a broad portfolio of early-stage exploration to development projects.
- Currently the CEO of Caspin Resources Limited (ASX: CPN) and former Executive Director of Cassini Resources Ltd.



## Kathryn Cutler

### Chief Executive Officer

- Geologist, graduated from the Western Australian School of Mines with +16 years' experience in the resource industry of Australia.
- Held the position of Exploration Manager for junior ASX-listed gold companies, in Australia.
- Member of the Australasian Institute in Mining and Metallurgy (AusIMM).



## Phillip Warren

### Non-Executive Director

- +15 Years of corporate advisory experience specialising in financing, seed capital, debt restructuring and corporate governance.
- Current Non-executive Director of Anax Metals Ltd (ASX:ANX), Rent.com.au (ASX:RNT), Narryer Metals Ltd (ASX:NYM) and Family Zone Cyber Safety (ASX:FZO)

## CAPITAL STRUCTURE

ASX CODE	KLI
Current Shares on Issue	52,000,000
Capital Raised	A\$6.0M
Market Cap (March 2022 @ 0.11)	~\$6M
Cash (31 December 2022)	\$1.8M
Top 20 Shareholders	43.9%
Directors and Management	3.6%

Board/Advisor Options (@ \$0.30) 6,500,000

Board/Management Performance Rights 5,110,000

Total Options and Performance Rights 11,610,000



## West Tanami Project

(Kimberley, 100% owned)

**Gold-REE-Copper**



## Balfour Project

(Pilbara, 100% owned)

**Copper**



## Ravenswood North Project

(Charters Towers, 100% owned)

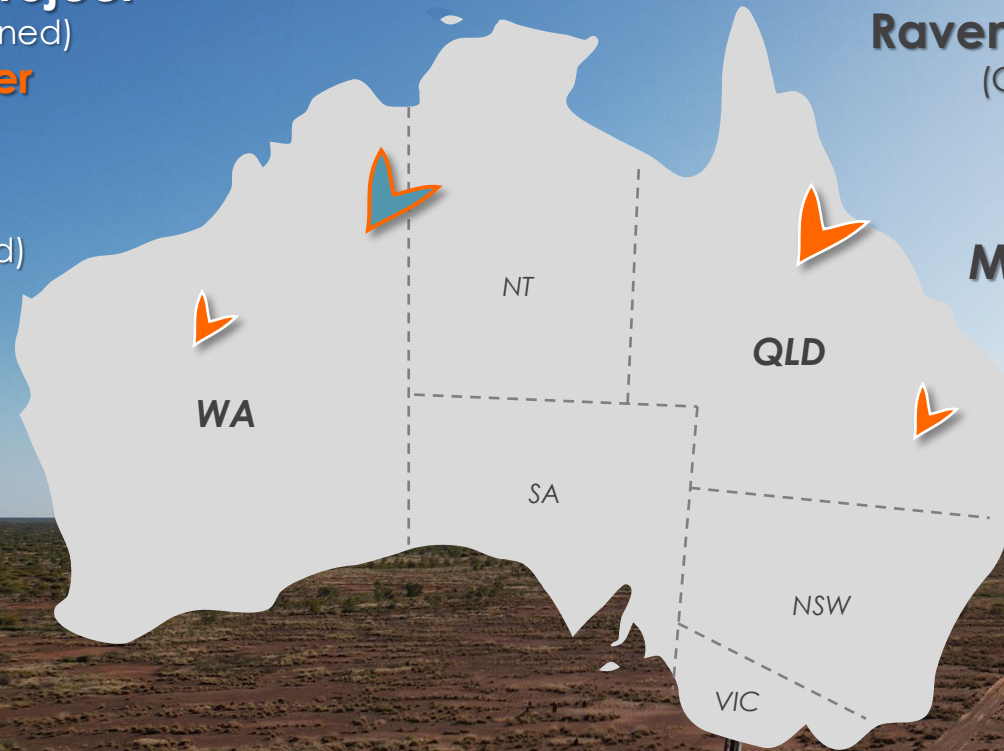
**Gold-Copper**



## Mt Rawdon West Project

(Mt Perry, 100% owned)

**Gold-Copper**

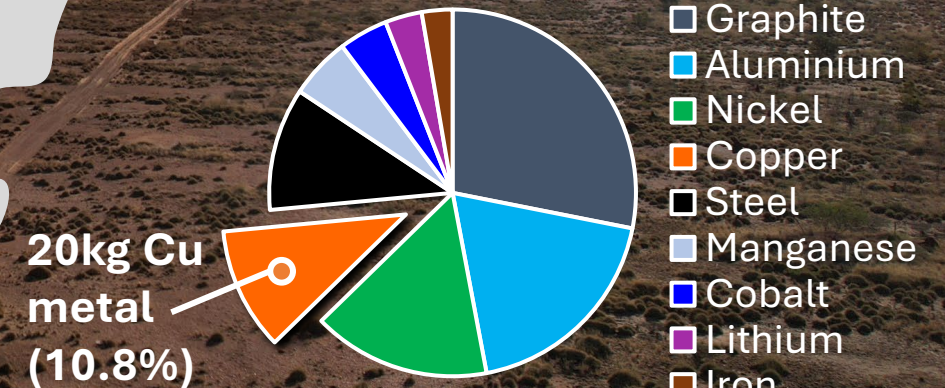


## Rare Earths crucial for Hi-tech products

(17 elements)

- Powerful magnets
- Wind turbines and hybrid cars

## Lithium-ion Battery



20kg Cu metal (10.8%)



# WEST TANAMI PROJECT

Kimberley - Western Australia

Au - REE - Cu

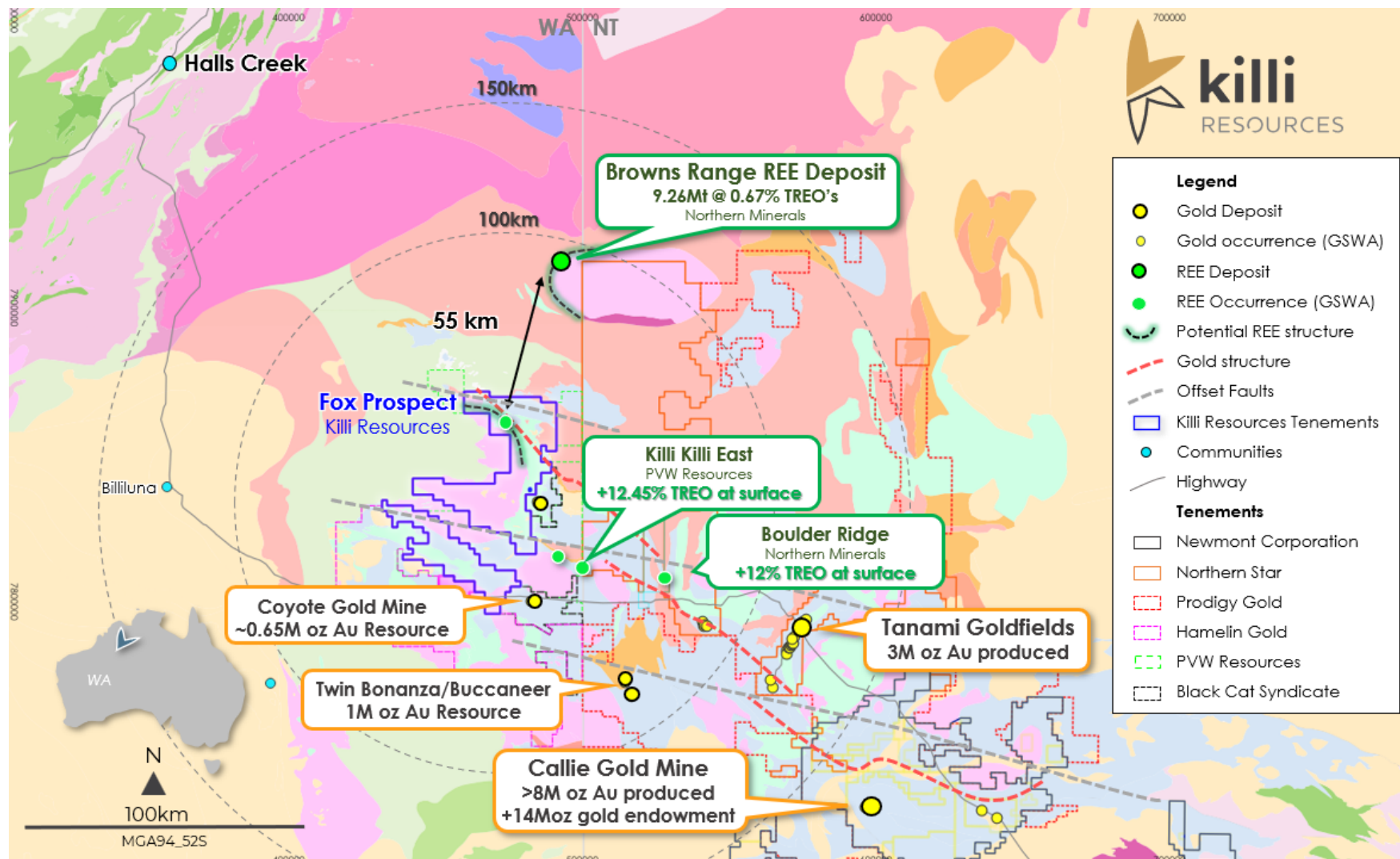




# Significant Belt Position

- 1,634<sup>2</sup> belt scale position
- Within +15M oz goldfield
- Adjacent one of the three Rare Earth mines in Australia **Browns Range REE Mine**
- Exploring for large scale gold system, similar to **Callie**.
- Dual exploration for gold and rare earth elements
- 20,000km<sup>2</sup> with 10 Company's operating.

Newmont, Northern Star, Prodigy Gold, PVW Resources, Black Cat Syndicate, Hamelin Gold, Tanami Gold, Northern Minerals, Mamba Exploration, Killi Resources.

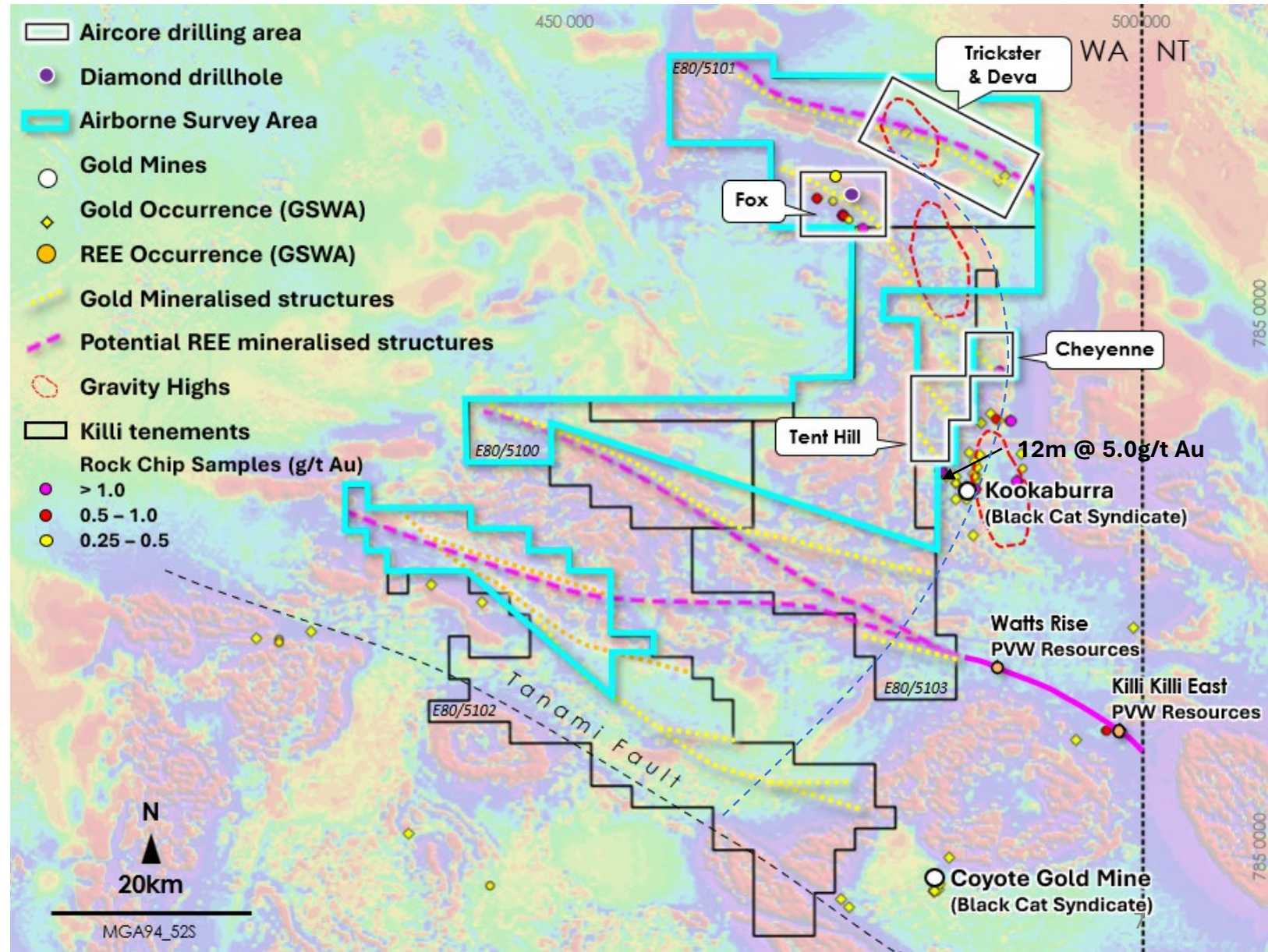




# Aggressive exploration program

Exploration completed within 10 months of IPO:

- ▶ Built database
- ▶ Heritage Survey
- ▶ Field mapping, surface sampling
- ▶ Flew +1000km<sup>2</sup> of airborne magnetics/radiometrics
- ▶ Drilled ~10,000m Aircore
- ▶ Successful EIS application (\$150,000)
- ▶ Drilled a 890.4m diamond drill hole

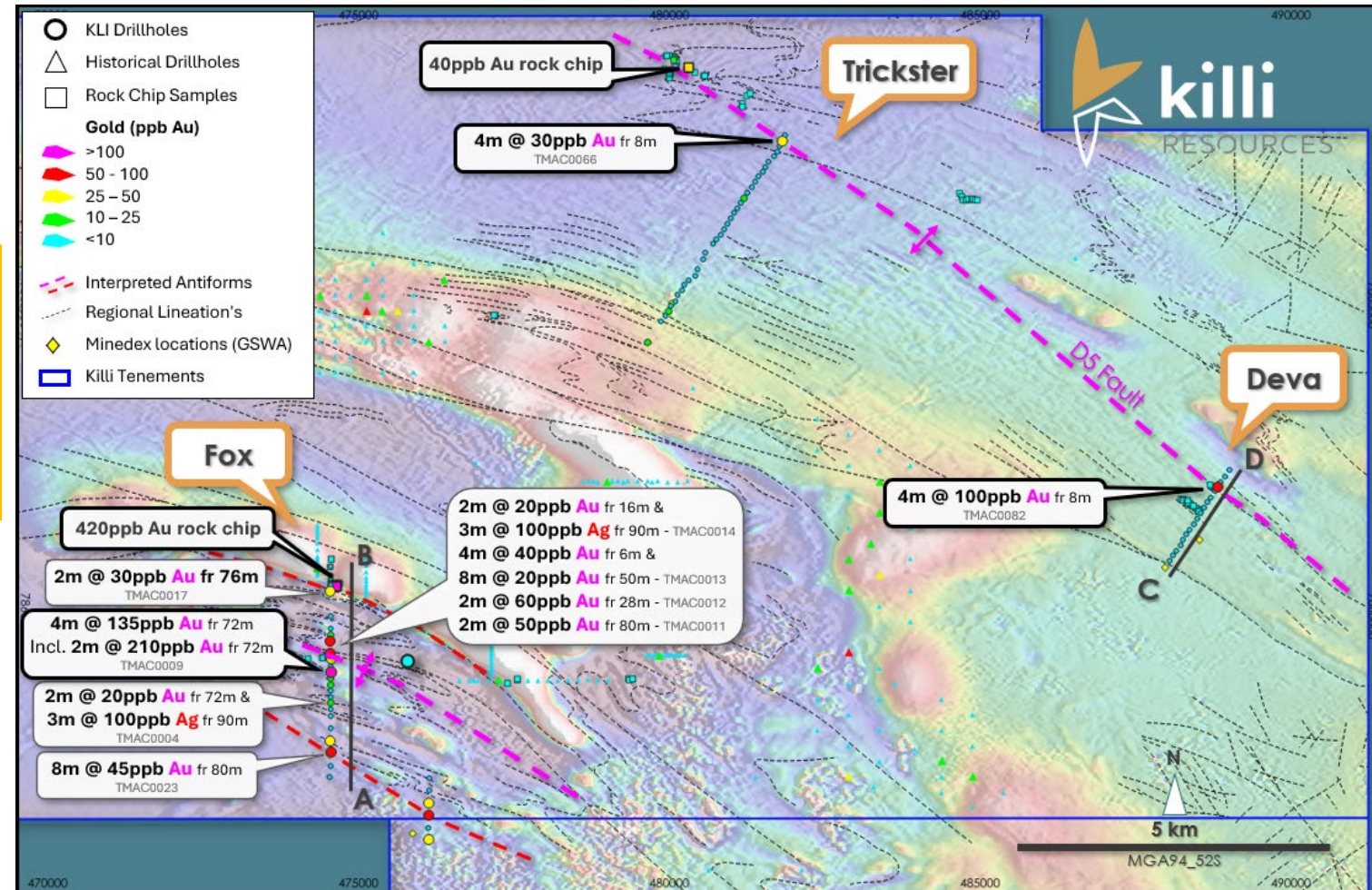




# West Tanami - Results Au

## Delivered within 12 months of IPO:

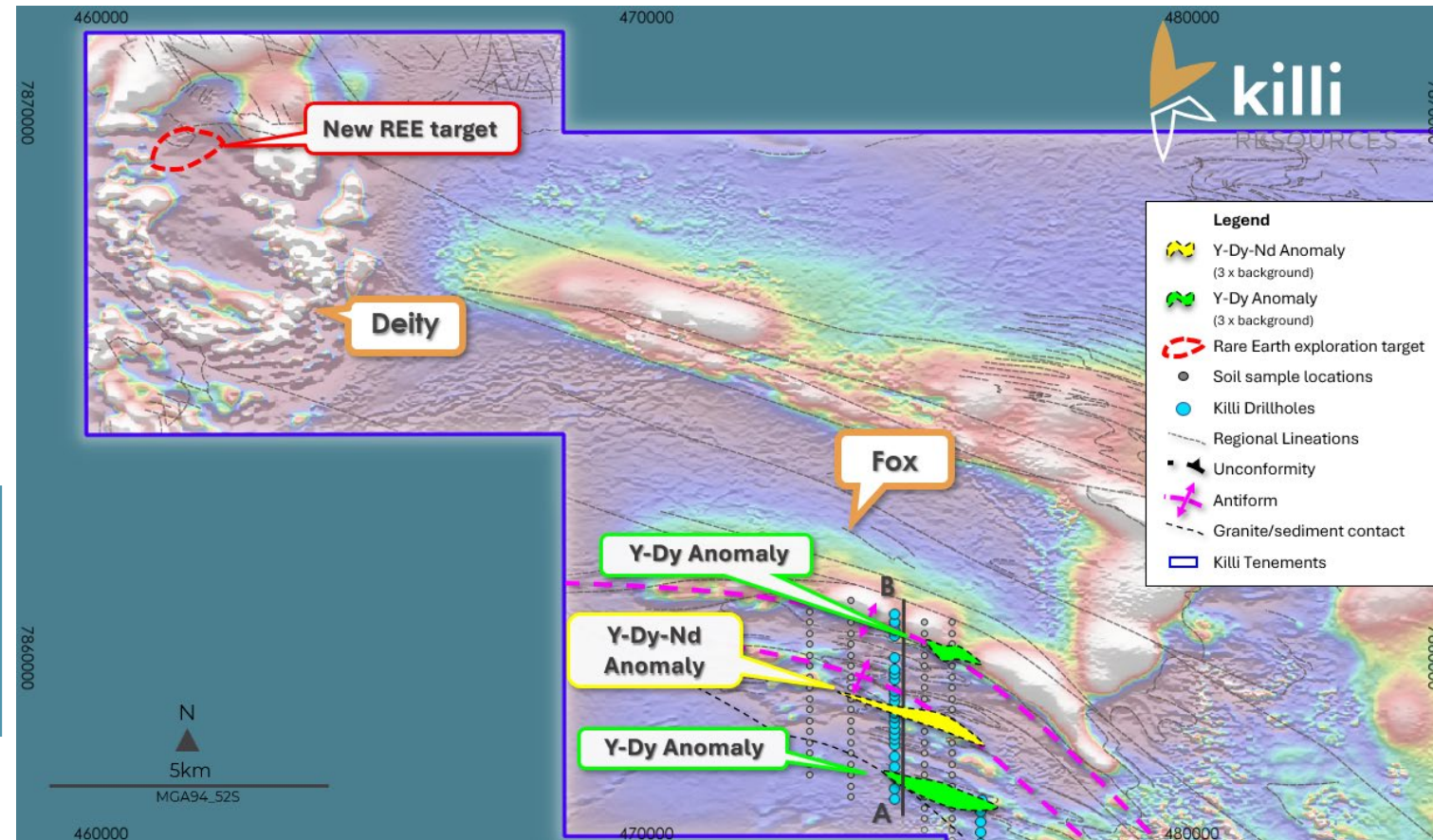
- Identified **95kms** of potential **REE Strike**
- Identified **100kms** of potential **Gold Strike**
- Identified the '**Dead Bullock Formation**' at Fox host to the Callie gold mine.
- Reported **aircore results** at Fox similar to discovery holes at Callie gold mine.
- Three **Yttrium-REE anomalies** identified in soils, anomalous for (**Nd, Dy, Y, Tb, Eu, Gd**) covering 1.5km of potential strike at Fox. New REE target identified.
- Stratigraphic drillhole identifies **chalcopyrite - massive sulphides** - at Fox. "**Opens up Tanami region to new commodity**"





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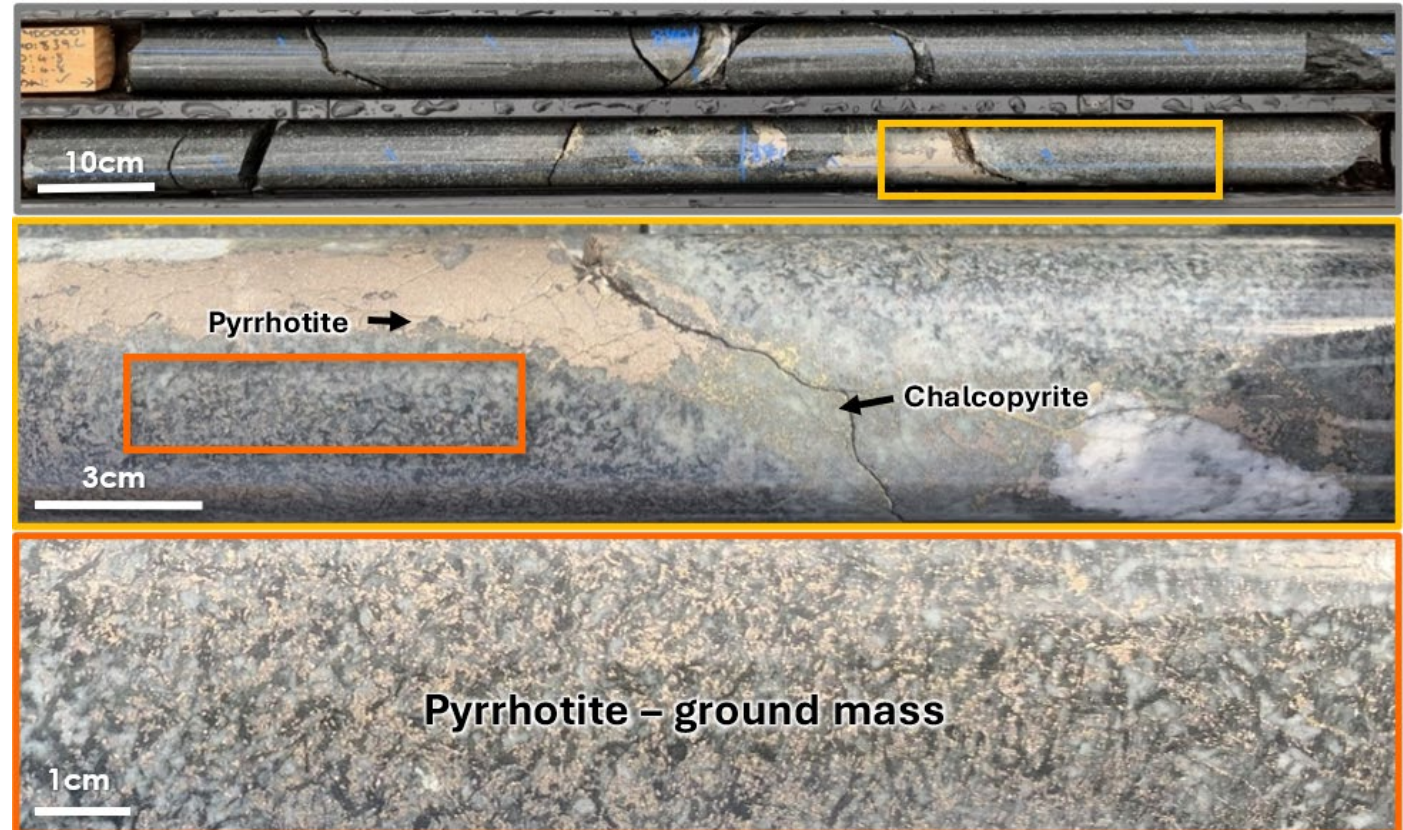




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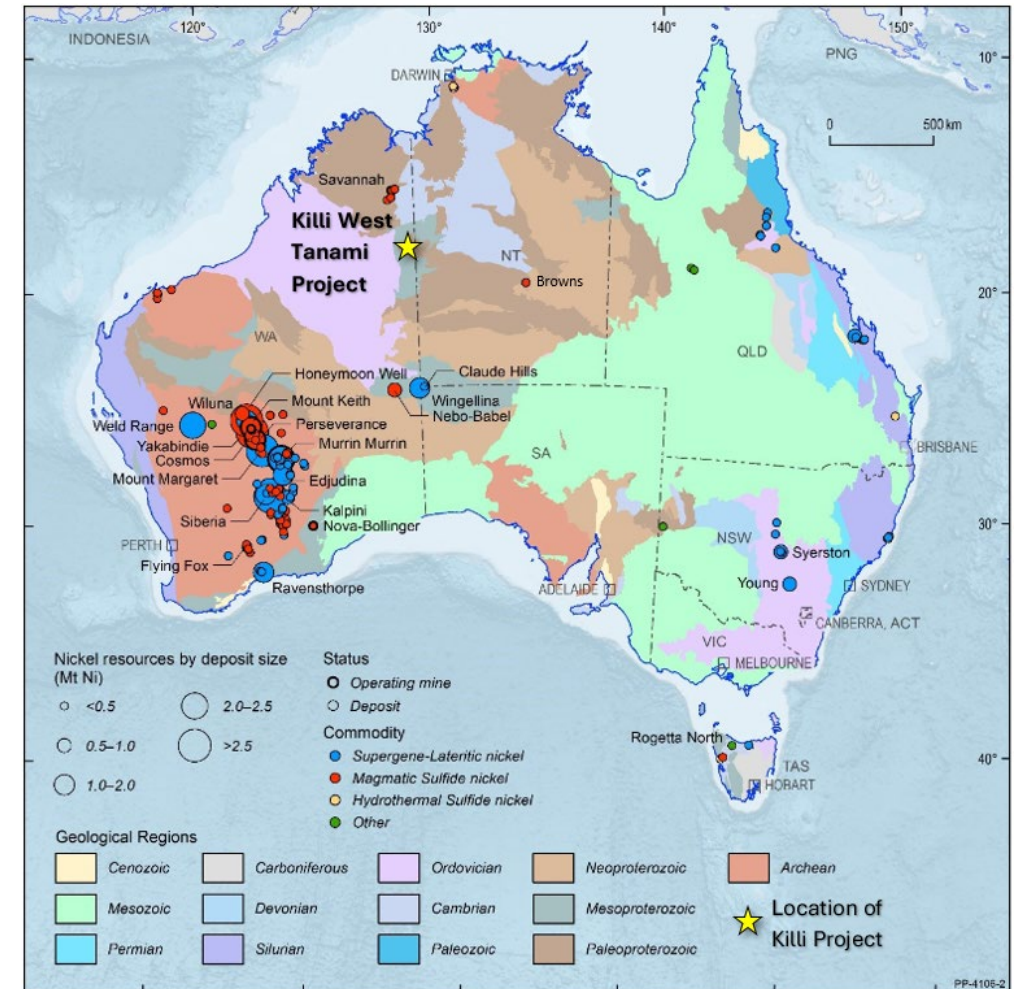
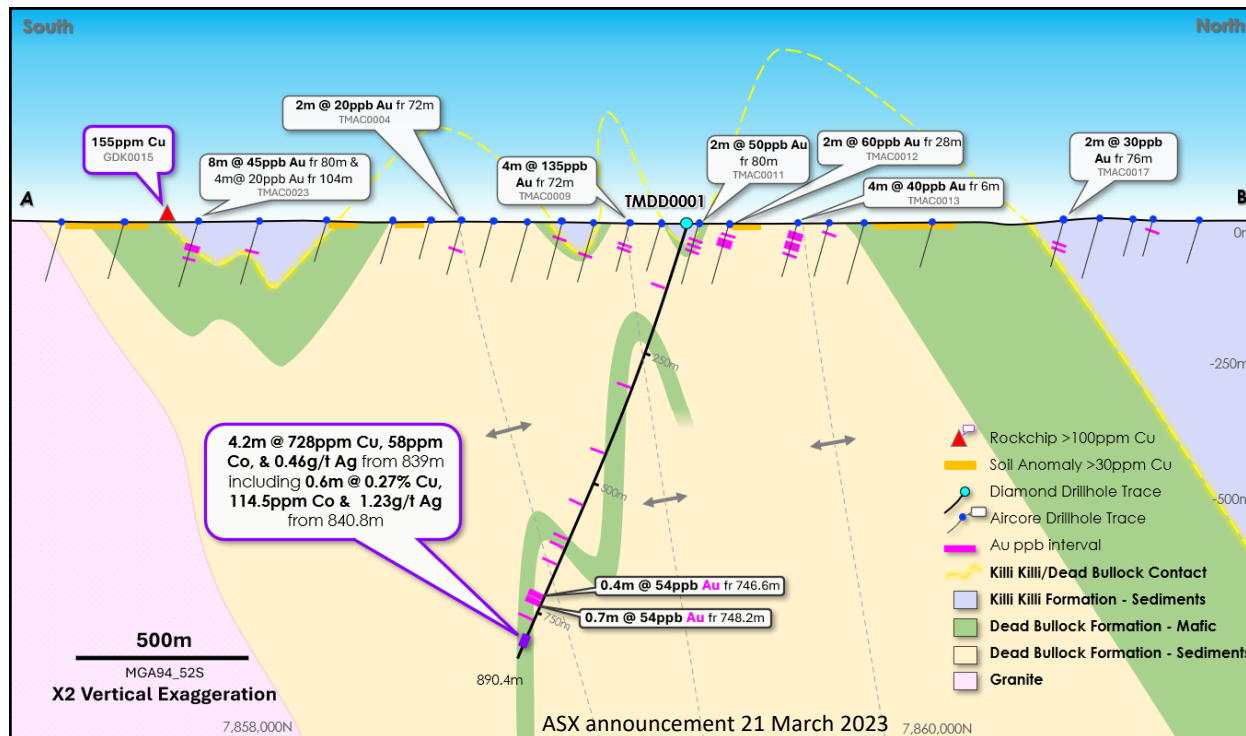




# New copper potential

## “Magmatic copper mineralisation in the Tanami, new commodity”

- Visible, massive pyrrhotite and **chalcopyrite (copper mineralisation)** in drill core. Multiple mafic units identified downhole. Max intersection 70m.
- Assays confirm magmatic sulphide system –
  - 4.2m @ 728ppm Cu, 58ppm Co, & 0.46g/t Ag including 0.6m @ 0.27%Cu, 114.5ppm Co, & 1.23g/t Ag fr 840.8m



- Magmatic sulphide deposits of the Proterozoic in Western Australia include Nova-Bollinger & Nebo-Babel.
- No existing record of magmatic copper mineralisation within the Tanami



# RAVENSWOOD NORTH PROJECT

Queensland



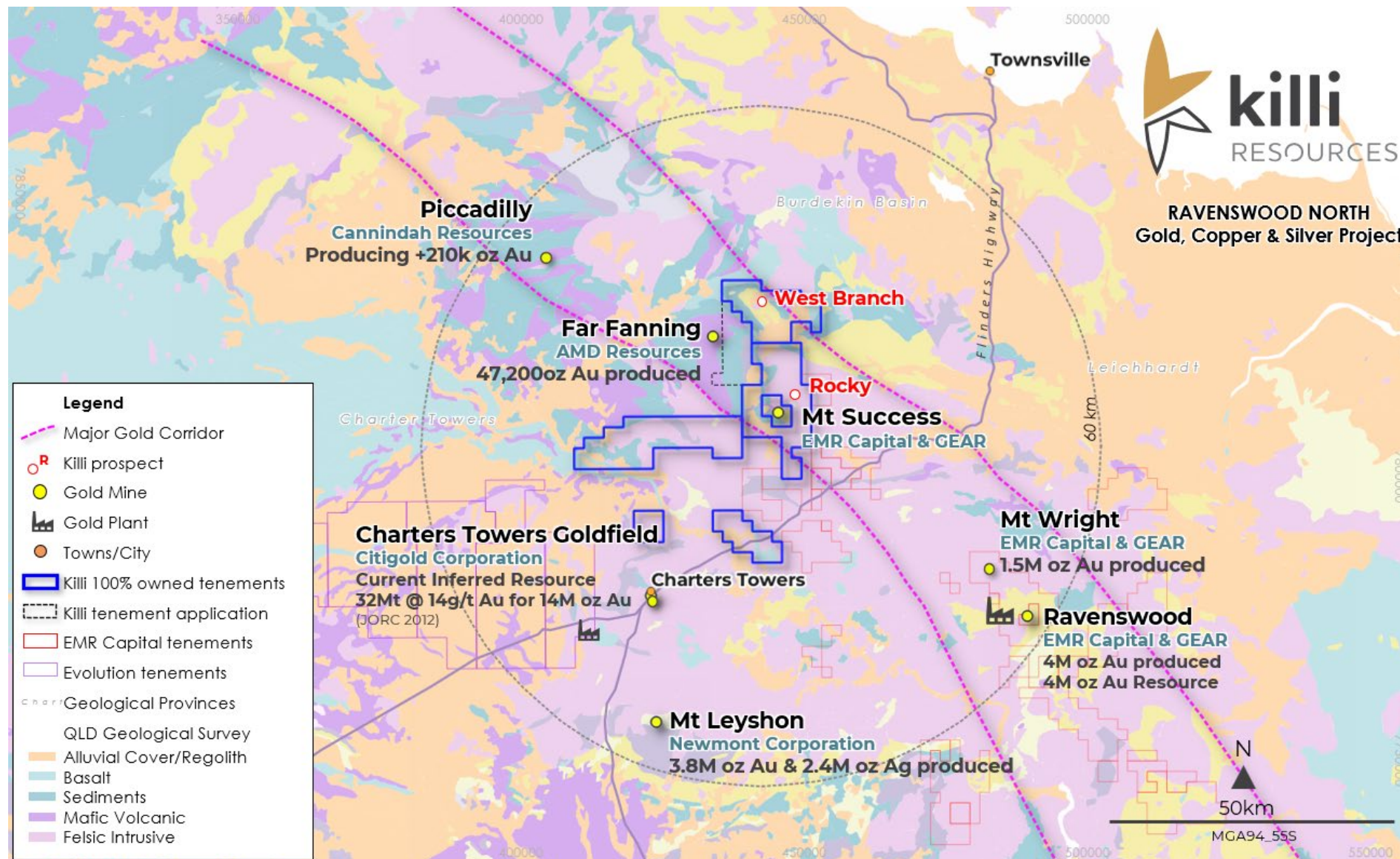
Gold and Copper





# Ravenswood North

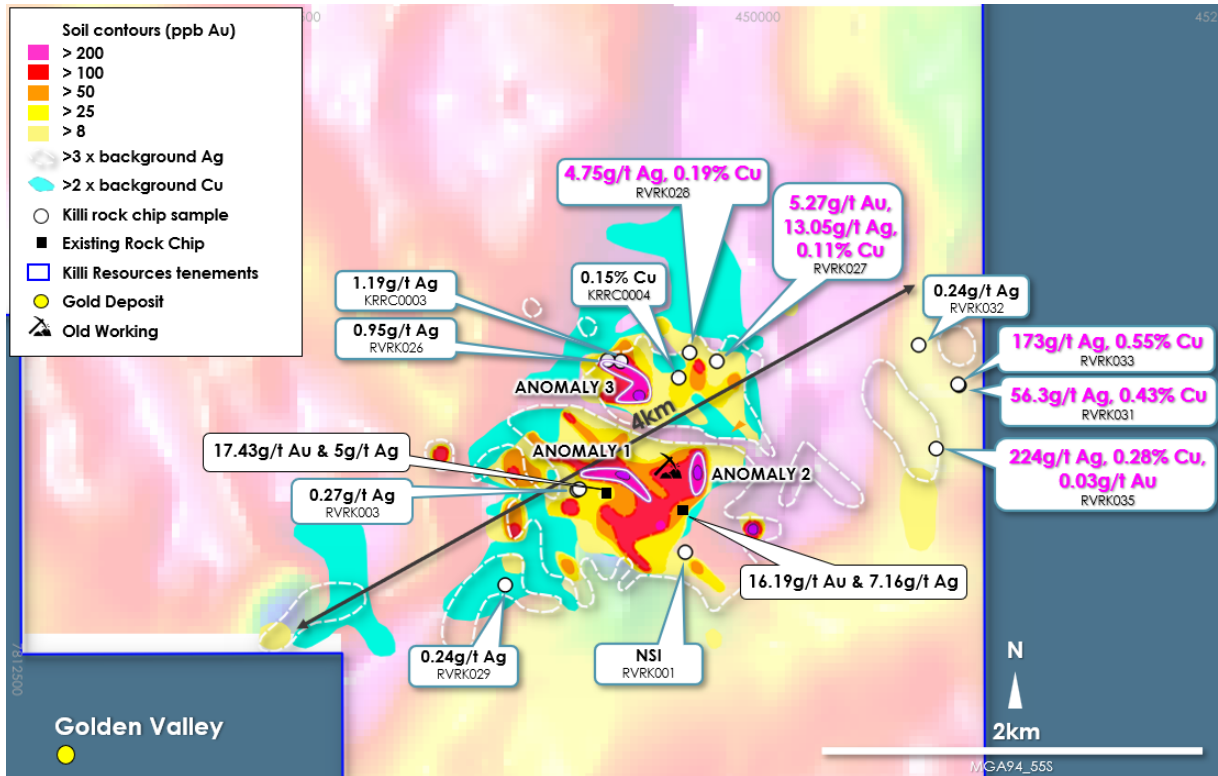
- ▶ Belt-scale position
- ▶ ~660km<sup>2</sup> Ravenswood-  
Charters Towers Gold  
District
- ▶ Gold endowment of  
>28Moz Au
- ▶ Potential for a large-  
scale **Intrusive Related  
Gold (IRG) System**
- ▶ Renewed area of  
exploration
- ▶ Focus on the main  
mineralised corridor



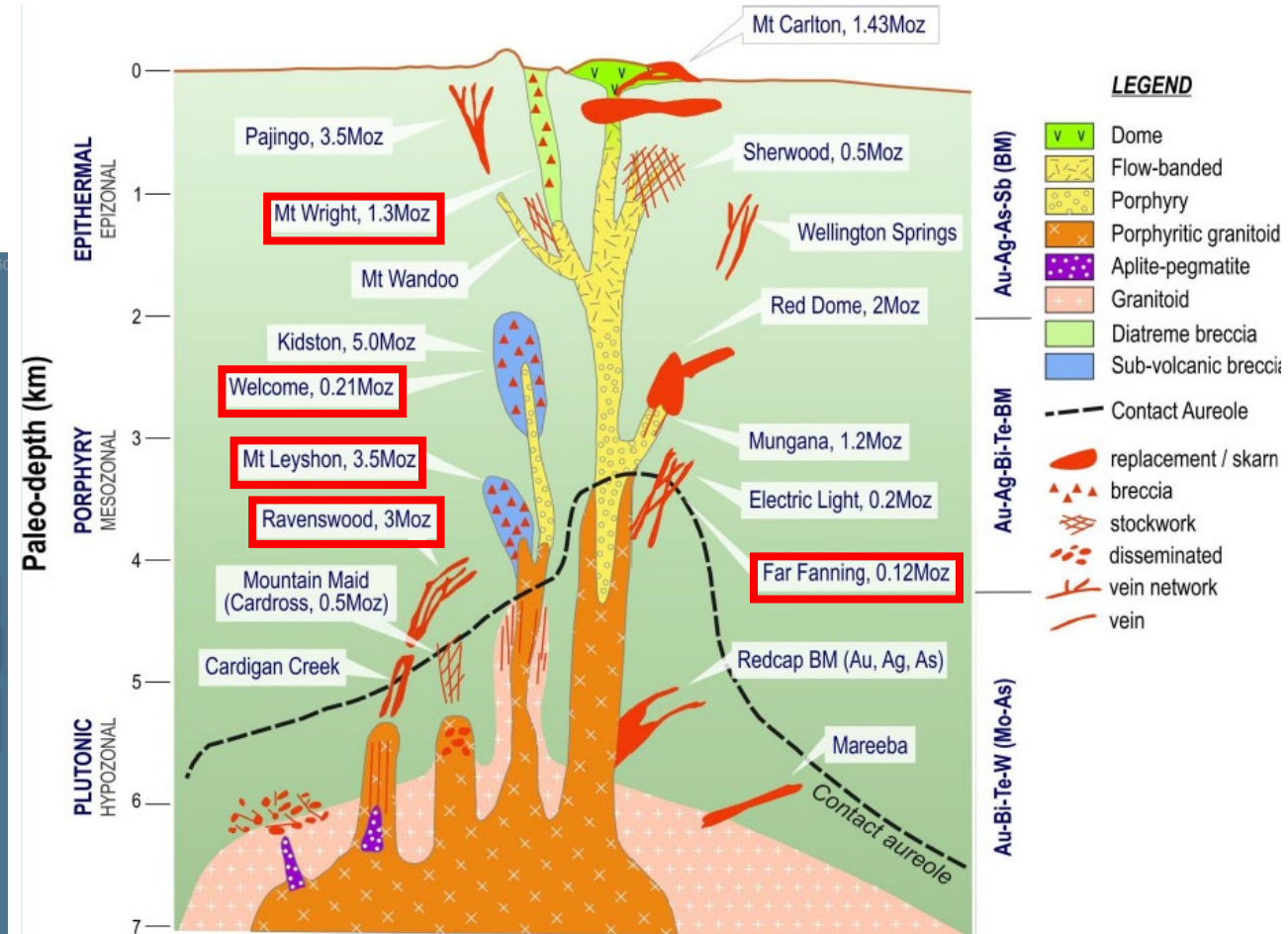


# Rocky Geochemical Target

- ▶ Three highly anomalous gold zones determined within 1.5km<sup>2</sup> soil anomaly (>200ppb Au)
- ▶ Au-Ag-Cu-Mo Anomaly
- ▶ 4km along strike
- ▶ Breccia mapped at surface



## STYLES OF GOLD SYSTEMS IN NORTHERN QUEENSLAND



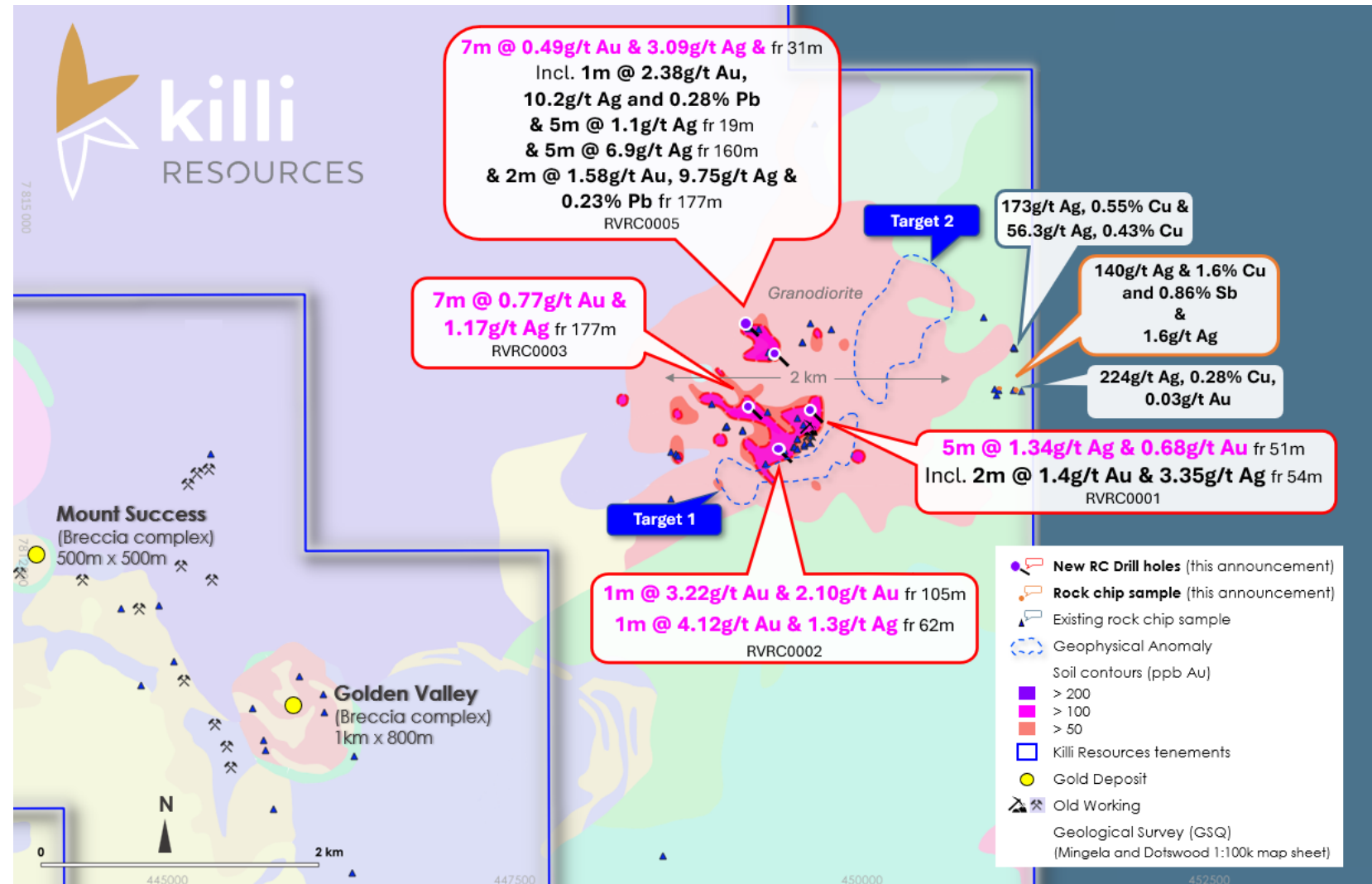


# Rocky drill and geophysics results



ASX : KLI | www.killi.com.au

- Drilled 5 RC holes for 995m to average 200m depth
- 300m apart covering the gold anomaly
- All holes intersected mineralisation
- Veins in RVR0002 returned:  
1m @ 3.22g/t Au, 2.10g/t Ag &  
1m @ 4.12g/t Au, 1.30g/t Ag
- Closest hole to Target 1.
- Drillhole RVR0005 drilled outside the alteration zone and returned:  
7m @ 0.49g/t Au, 3.09g/t Ag

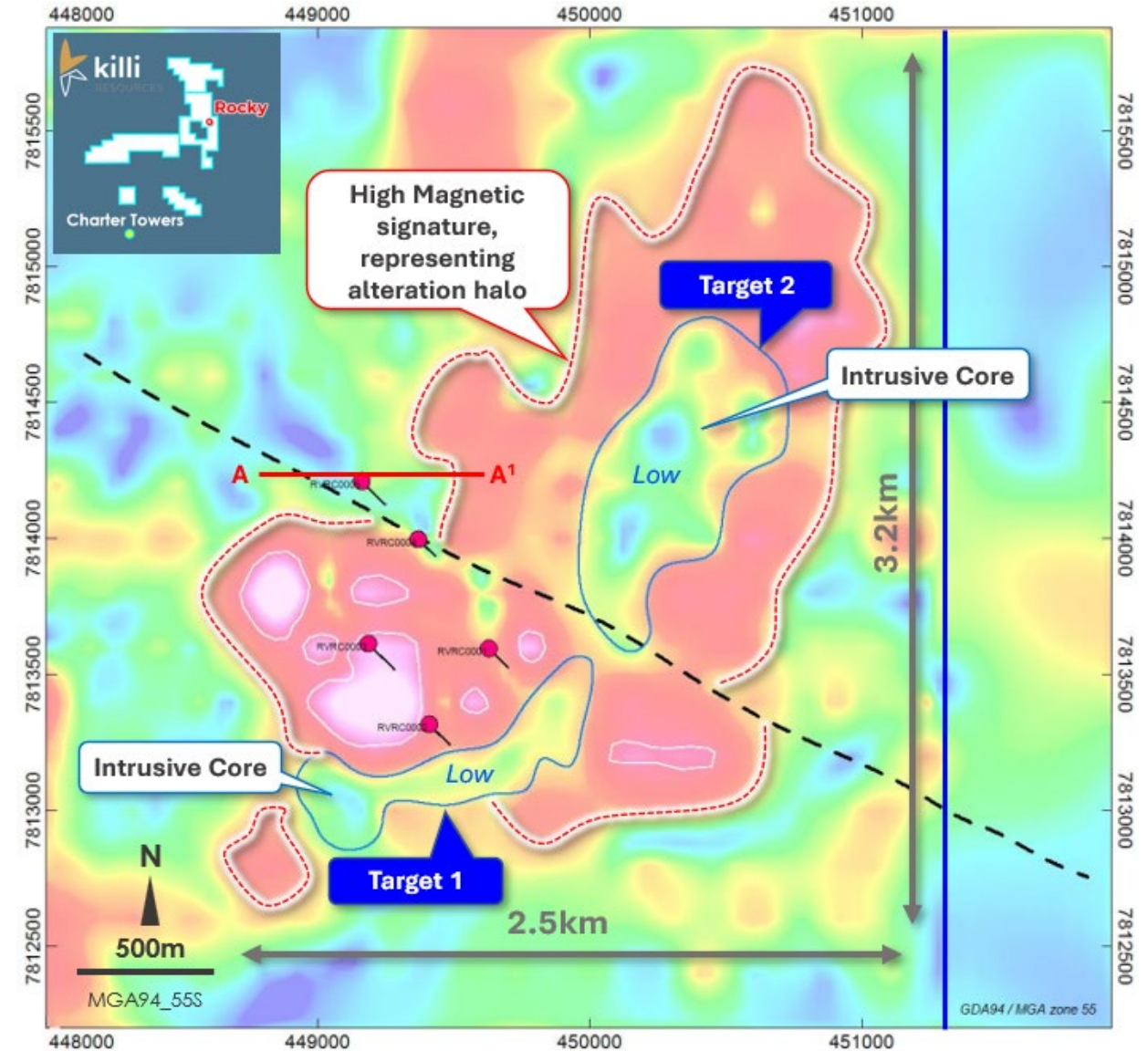
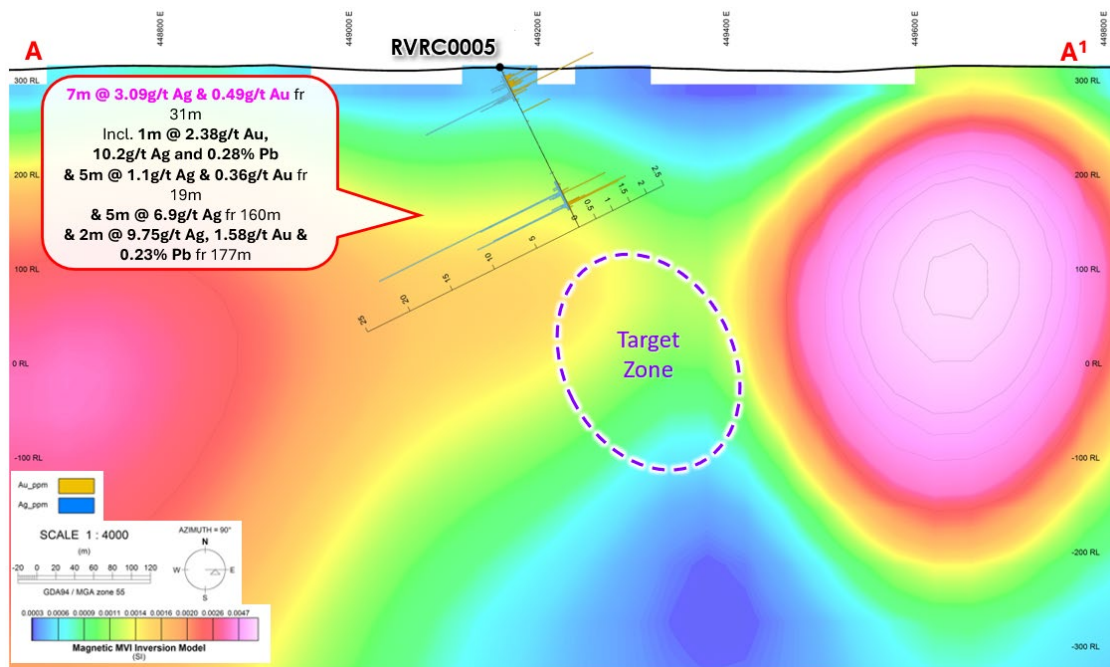


ASX announcement 7 March 2023



# Rocky drill and geophysics results

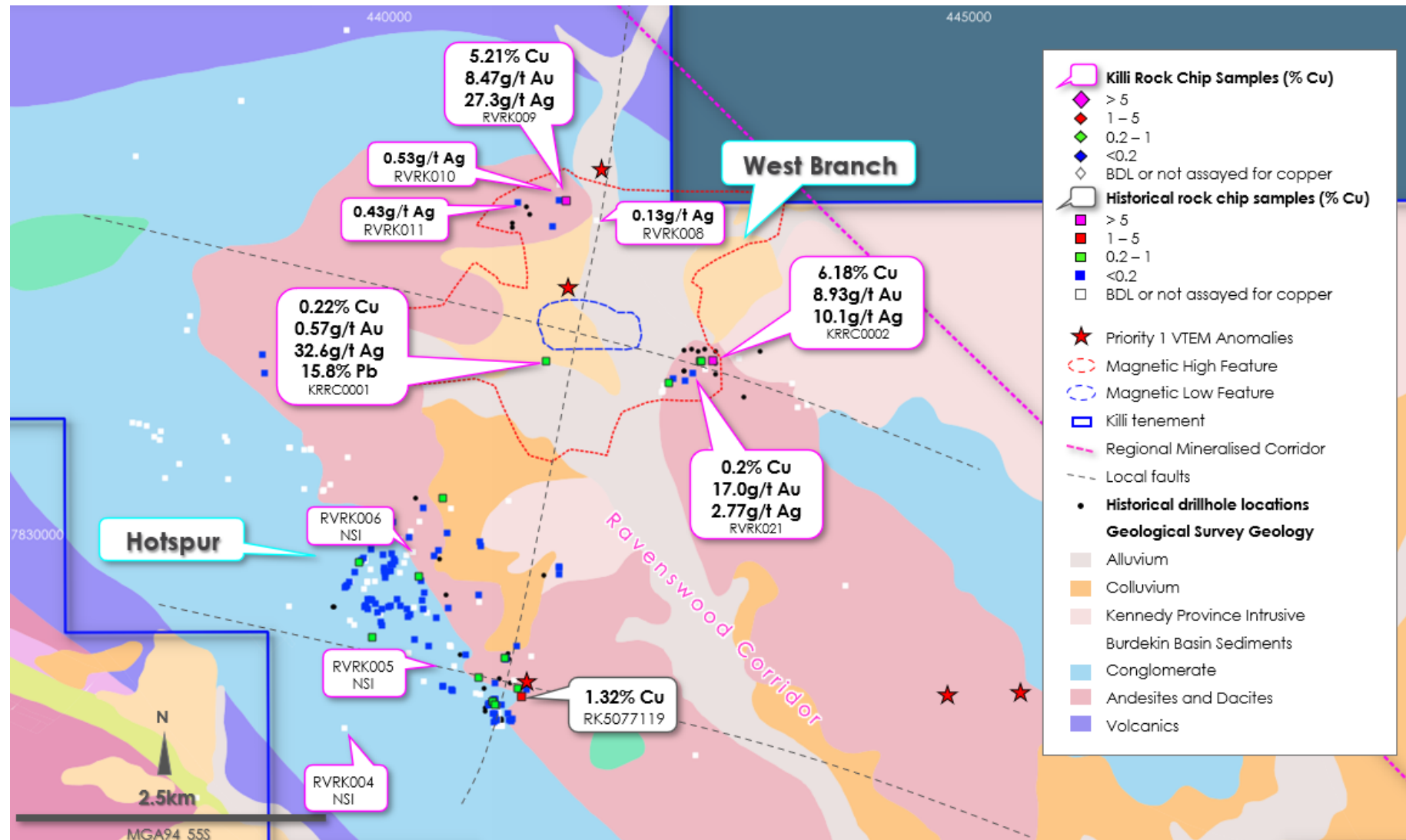
- Geophysics identify Rocky is within large alteration system
- Two localised intrusive units, offset, with wide magnetic signature representing alteration zone
- The two low features represent a potential IRG system
- The 5 drill holes test the alteration system, not the intrusives – **TARGETS REMAIN UNTESTED**





# West Branch Prospect

- High-grade **Cu-Au-Ag** surface results
- Preliminary magnetics interpretation identifies potential intrusive feature
- Processing underway to provide drill targets
- To be drill tested in 2023



ASX announcement 4 October 2022

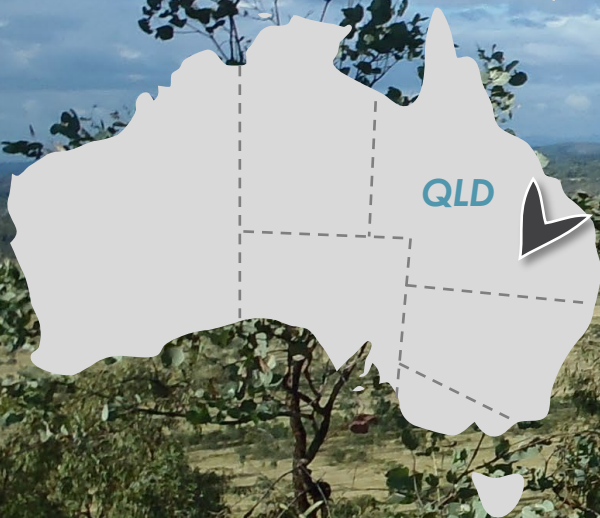


# MT RAWDON WEST PROJECT

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Queensland

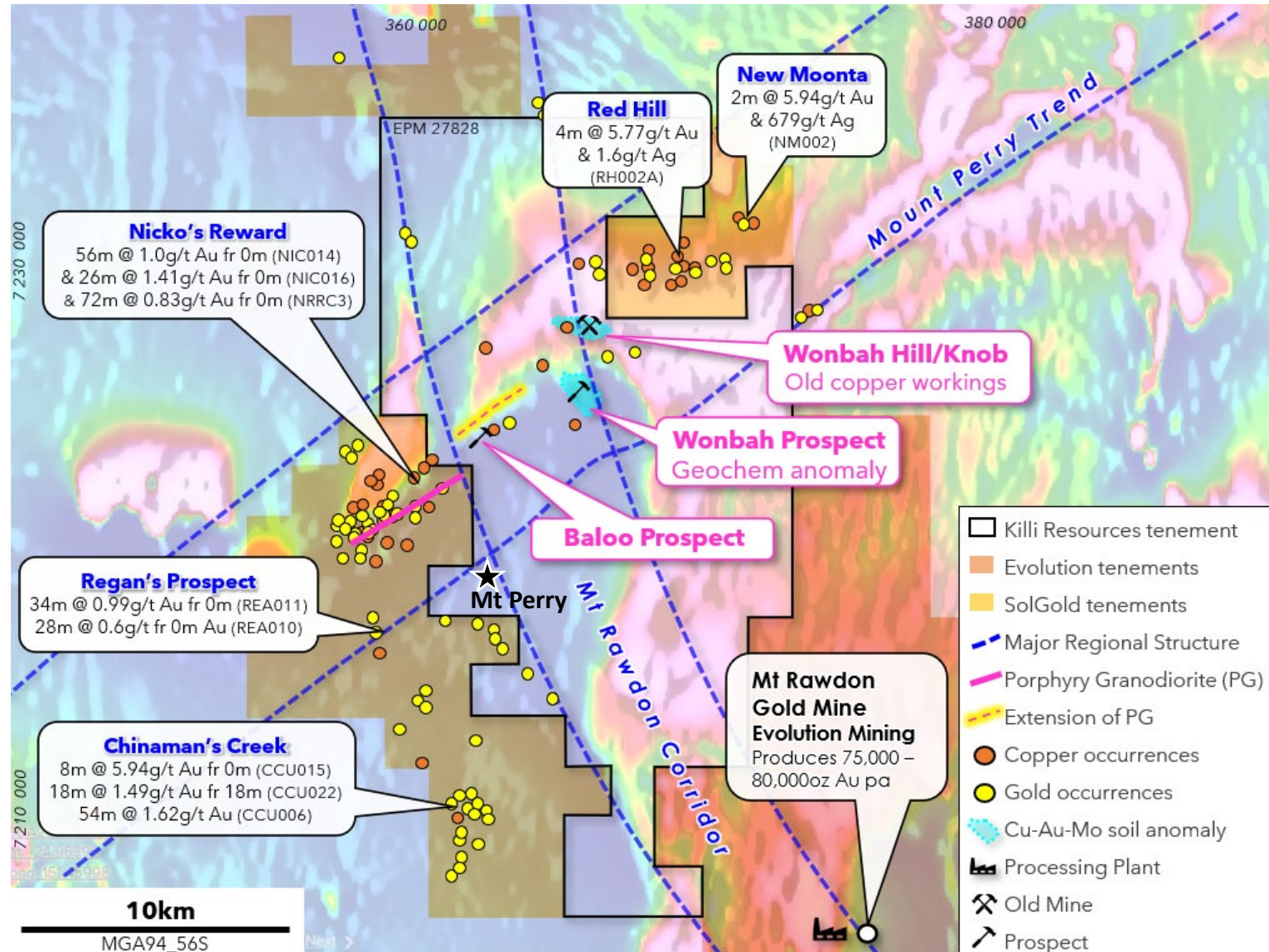
 **Gold** and **Copper** 





# Mt Rawdon West

- 100km inland of Bundaberg
- Intersection of two major mineralised corridors - combined **35km** of strike
- Copper discovered in 1862 at Mt Perry. Wonbah Hill - previously worked for copper. Historical workings extend 50m into the hillside of Wonbah Hill/Knob. Historical Molybdenum mine and Mt Perry Copper Smelter on tenement.
- Rock chip samples returned **2.1% Cu, and 1.4% Cu outcrop and existing Cu-Mo-Au soil anomaly**
- Extension of mineralisation into Killi tenement, where intercepts on the boundary returned:
  - **56m @ 1.0g/t Au** fr surface
  - **26m @ 1.41g/t Au** fr surface
- **Not one drillhole on the tenement - discovery opportunity**





# Project Pipeline

## Ravenswood North

### Rocky

Targeted drill program design

RC Drill Program

RC Drill Results

### West Branch

Geophysics processing

Drill program design

Drill Program

## West Tanami

Drilling results

Geochem Program (Soils and Rock Chips)

## Mt Rawdon West

Geochem Program (Soils and Rock Chips)

March

April

May

June

July





- ↳ Belt-scale projects
- ↳ Experienced Team with a discovery track record
- ↳ Market Cap – poised for discovery
- ↳ We deliver results

## Why be involved now?

- Targeted drill program designed for Rocky to commence shortly.
- Drill results from Tanami continue to be released
- Exposure to multiple commodity markets

