

# Investor Presentation

APRIL 2019 ASX : DEV

- 
- **High-impact exploration in Tier-1 provinces**
  - **Standout uranium, copper-gold drill targets**
  - **Strong leverage to recovering uranium market – market cap just ~\$4m**
- 



# Important Information

## ❑ **Forward Looking Statements**

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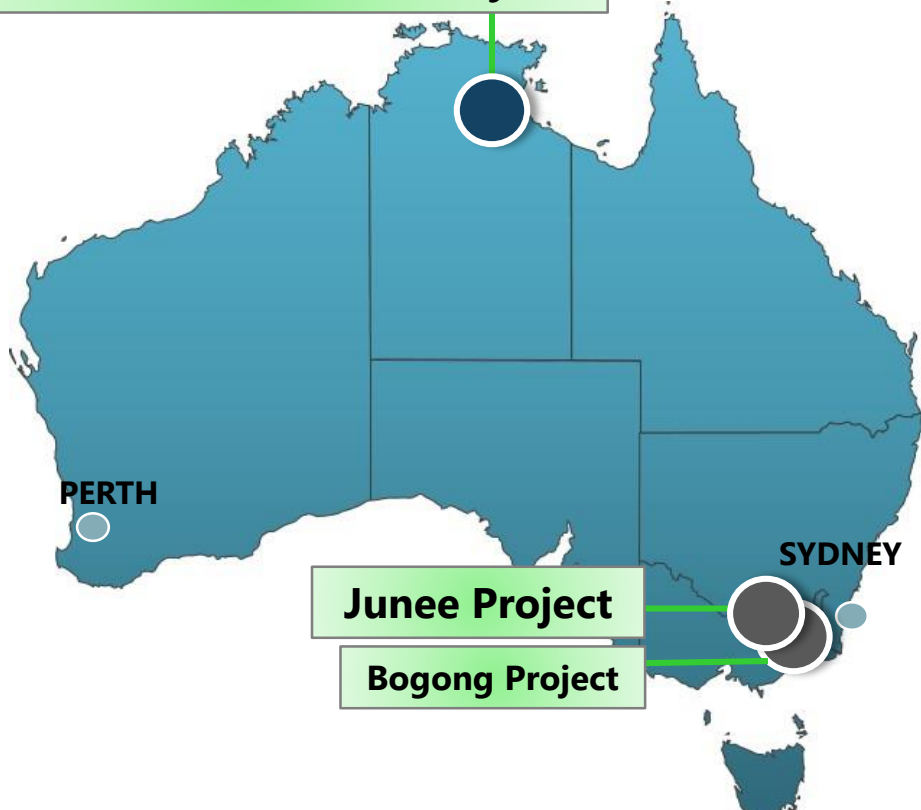
The information in this Presentation that relates to the Exploration Results for the Nabarlek Projects, West Arnhem Projects and U40 Prospect are extracted from ASX announcements entitled “Large drill target defined below Nabarlek Uranium Mine, West Arnhem Project, NT” released on the 9th October 2018, “Uranium-Copper-Gold Drill Target Defined at West Arnhem” released on the 12th September 2018, “Multiple Priority Drill Targets Identified at West Arnhem Copper-Gold-Uranium Project, NT” released on the 6th December 2017, “UEQ Identifies High-Grade Copper-Gold and Base Metal Potential at NT Uranium Projects” released on the 4th October 2017 and “Higher Uranium Grades Returned from U40 Prospect – Nabarlek Project, Northern Territory” released on the 16th December 2010, all announcements are available on [www.devexresources.com.au](http://www.devexresources.com.au). The information in this Presentation that relates to Exploration Results for the Dundas Project is extracted from the ASX announcement entitled “Extensive Lithium Anomaly Identified at Dundas, WA ” released on the 10th October 2017 which is available on [www.devexresources.com.au](http://www.devexresources.com.au). The information in this Presentation that relates to Exploration Results for the Junee Project is extracted from the ASX announcement titled “Porphyry Copper-Gold Targets Identified at Junee Project, Lachlan Fold Belt, NSW” and “DevEx Further Expands Potential of Junee Copper-Gold Project, NSW with identification of Additional Porphyry Targets” released on the 24th January 2018 and 5th March 2019 which is available on [www.devexresources.com.au](http://www.devexresources.com.au). The information in this Presentation that relates to Exploration Results for the Bogong Project is extracted from the ASX announcement titled “Copper-Gold Targets Identified at Bogong Project, NSW” released on the 22nd May 2018 which is available on [www.devexresources.com.au](http://www.devexresources.com.au). The information in this Presentation that relates to Exploration Results for the Oscar and Mt Hann Project is extracted from the ASX announcement titled “DevEx identifies outstanding new diamond exploration opportunities in Australia’s Kimberley Region” released on the 2nd July 2018 which is available on [www.devexresources.com.au](http://www.devexresources.com.au).

The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant original market announcement.

## ❑ **Exploration by Other Explorers**

This presentation contains information sourced from the reports of Other Explorers. References to the original reports are provided as footnotes where the information is cited in this presentation. The Company does not vouch for the accuracy of these reports. The Company has taken the decision to include this information as it is in the public domain and as assessed it to be of relevance to shareholders and investors.

## West Arnhem Nabarlek Project



## Junee Project

## Bogong Project

## West Arnhem Nabarlek Project URANIUM, COPPER-GOLD

- Alligator Rivers Uranium Province NT, hosts large scale uranium deposits
  - Ranger Mine **+200Mlbs  $U_3O_8$**
  - Jabiluka **+300Mlbs  $U_3O_8$**
- Near-mine drill targets defined beneath:
  - Nabarlek Mine (**24Mlbs @ 1.8%  $U_3O_8$  mined out**)
  - U40: previous high-grade uranium-copper-gold intercepts:
    - 12.3m @ 2.0% Cu, 1.8g/t Au and 0.73%  $U_3O_8$**
    - 6.3m @ 1.9% Cu, 0.66g/t Au and 7.23%  $U_3O_8$**
- Drilling planned for June
- Target: Nabarlek-style, high-grade uranium mineralisation
- Limited pool of ASX listed uranium explorers with drill ready targets

## Bogong Project COPPER-GOLD

- Significant shallow historical drilling intercepts untested:
  - 54.9m @ 1.1% Cu from 6.1m**
  - 9.2m @ 2.0% Cu from 39.6m**
- Exploration Licence granted in March 18
- Geophysics and drilling planned once Access Agreements in place

## Junee Project COPPER-GOLD

- Large scale porphyry copper-gold province Northparkes/Cadia-style
- **Recent field work identifies several additional prospective targets**
- Further mapping and geochemical sampling planned to assist with drill hole prioritisation
- Progressing towards a drilling program in 2019



# West Arnhem Nabarlek

## Uranium, Copper-Gold Project

NORTHERN TERRITORY



**New high-grade uranium (copper-gold) drill targets in a proven Uranium system**

**One of a few ASX companies targeting high-grade uranium**

# Exploring Australia's high grade uranium province

## The Alligator Rivers Uranium Province (ARUP)

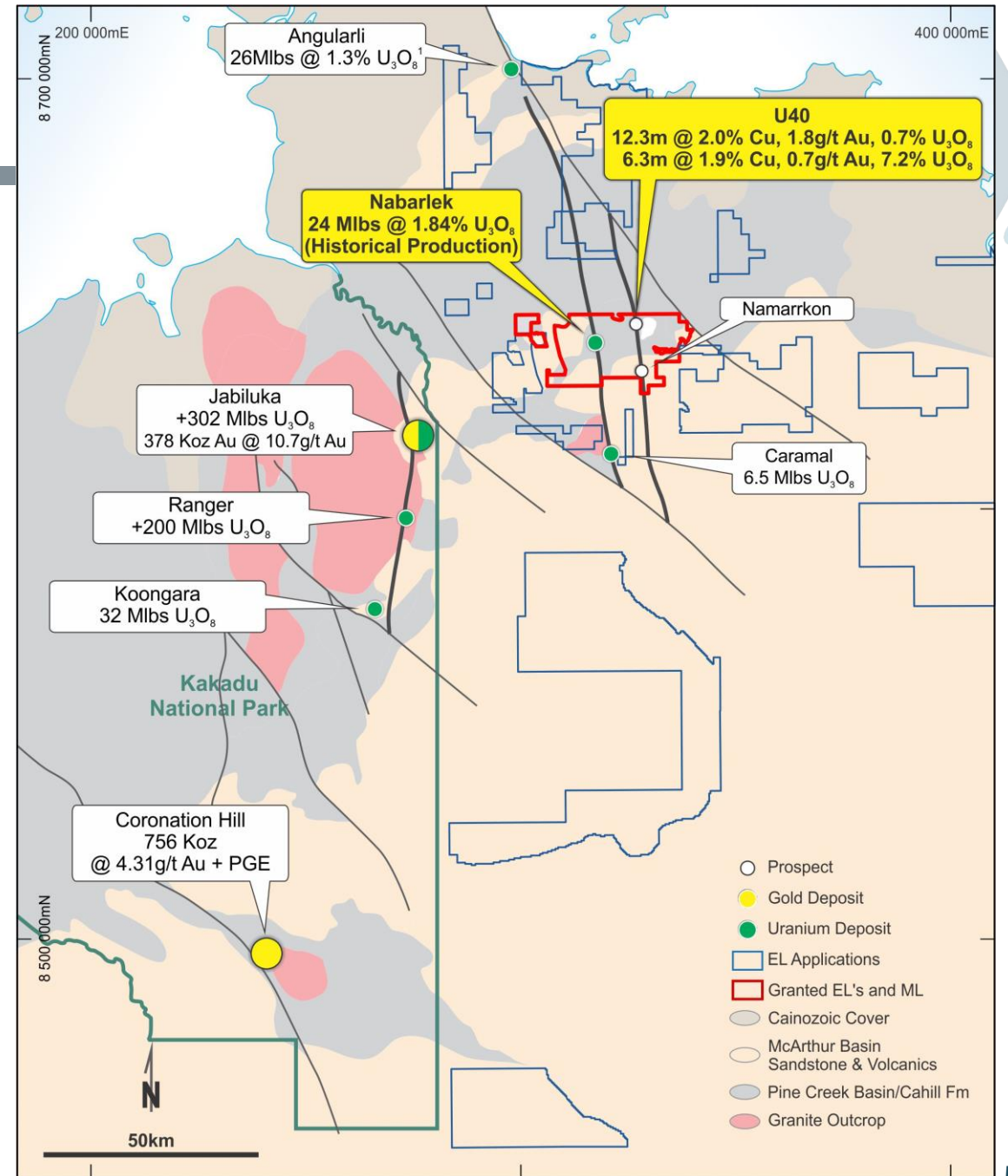
- +500 Million Pounds  $U_3O_8$  endowment (mined and current Resources)
- Comparable to the Athabasca Basin, Saskatchewan (+1.2Blb  $U_3O_8$ )
- Significant potential exists for gold-copper deposits

## DevEx's Tenure

- DevEx holds a dominant ground position of +**5000km<sup>2</sup>**
- Centered on the historical high grade Nabarlek Uranium Mine
- Agreements with Traditional Owners already in place (1 mineral lease and 3 granted exploration licences)

## Targeting repetitions of the high grade Nabarlek Uranium Deposit

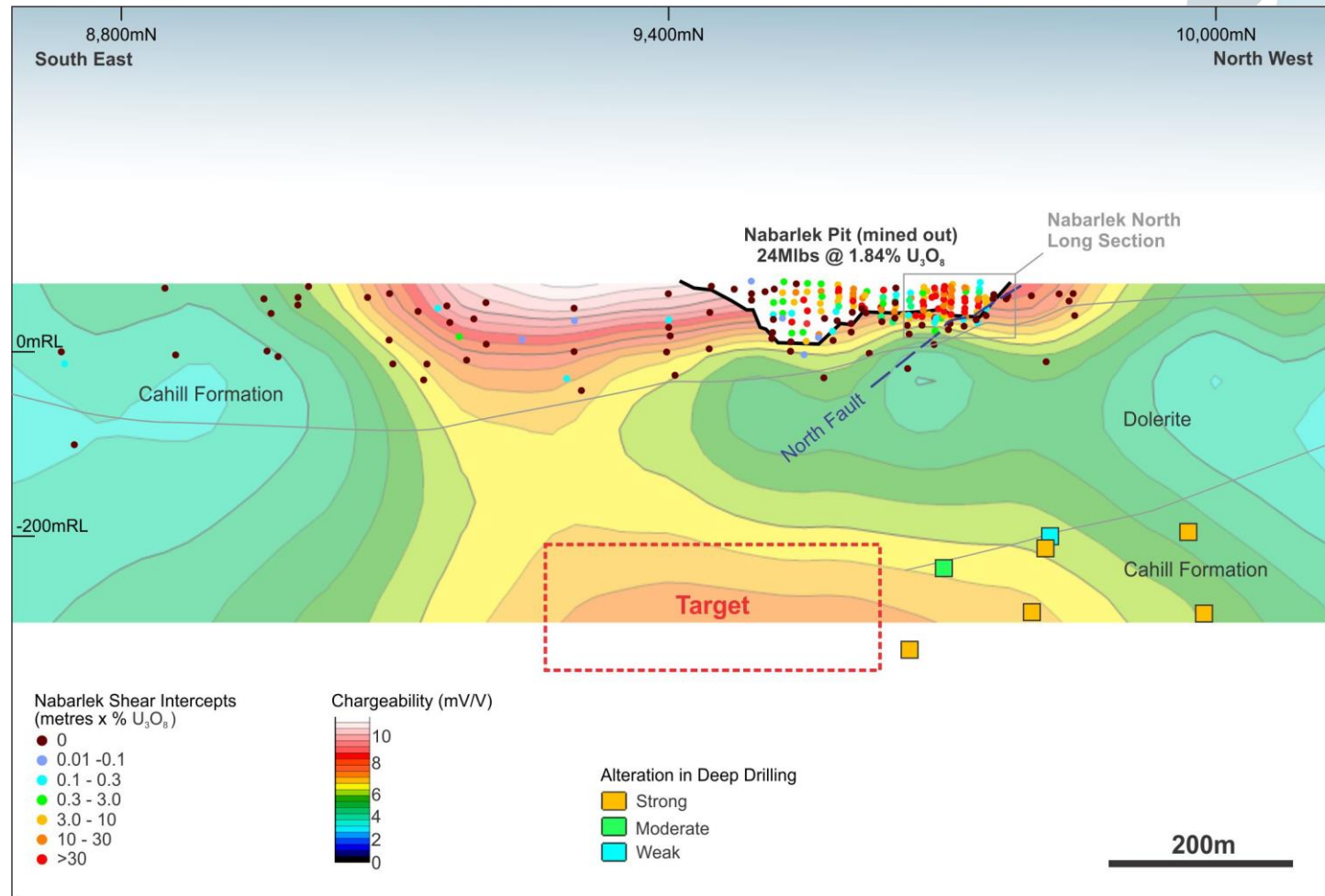
- Historically Australia's highest grade uranium mine:  
**24 Mlbs @ 1.84%  $U_3O_8$** <sup>1</sup>
- High grade uranium copper gold **drill targets** now defined at **U40** and **Nabarlek**



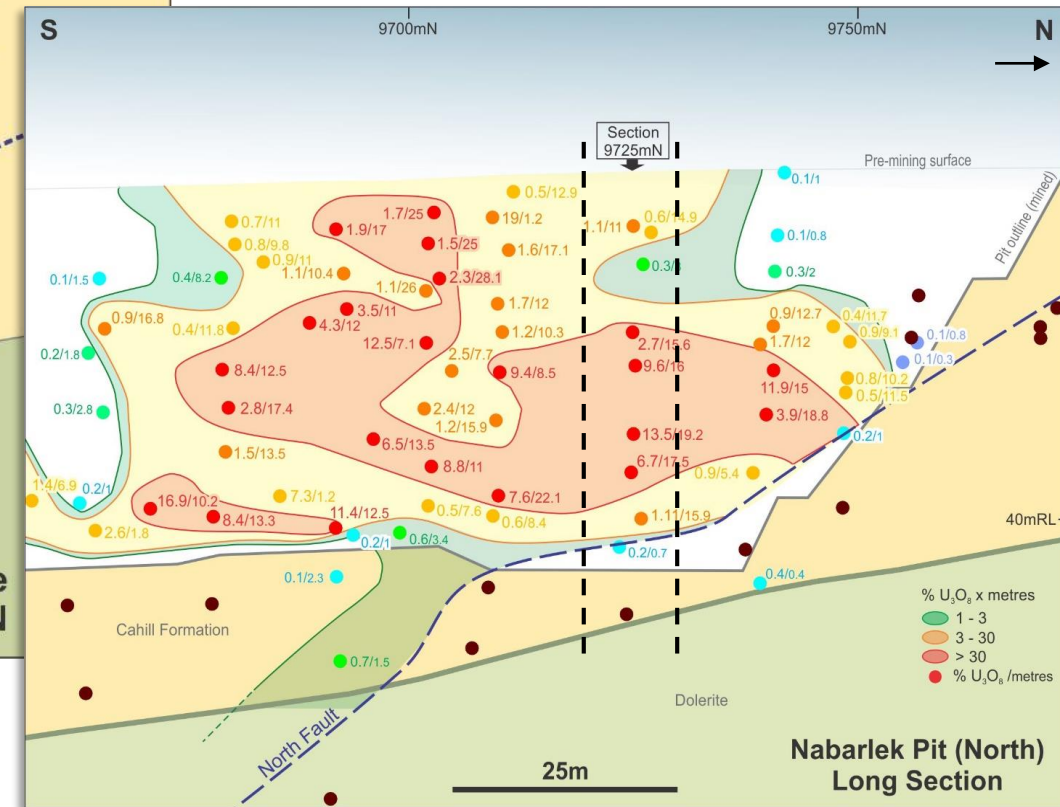
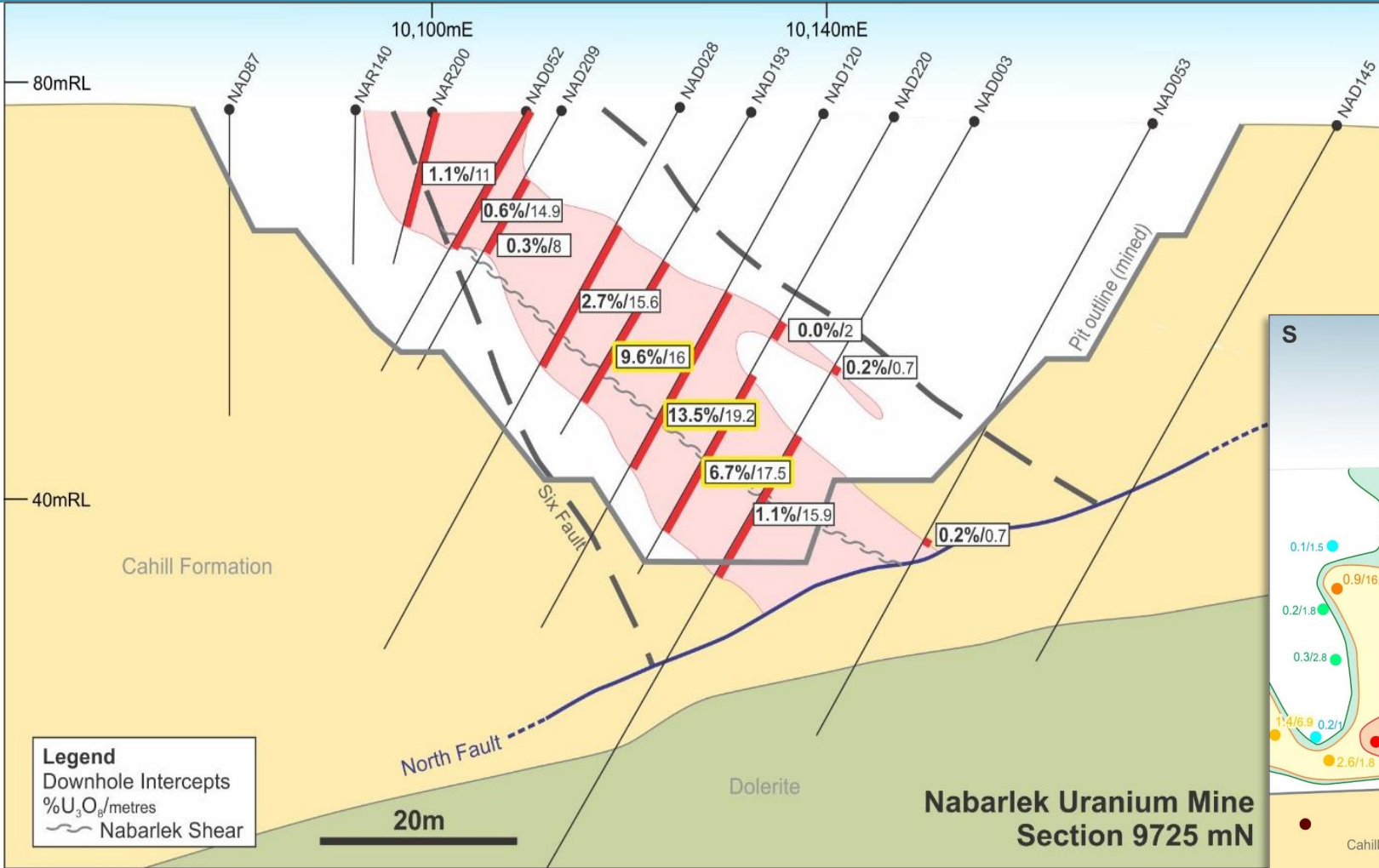
1. References: Australia's Uranium resources, geology and development of deposits, AGSO 2007

# Nabarlek Prospect: drilling to target high grade Nabarlek repetitions

- 2018 3D Induced Polarisation (IP) geophysical survey defines a chargeability anomaly beneath the historical Nabarlek Uranium Mine \*
- IP Anomaly interpreted to be mapping alteration associated with uranium mineralisation
- The anomaly is untested. Significant alteration was intersected in previous drilling on its northern edges
- A similar structural position as Nabarlek, close to lower Oenpelli Dolerite contact
- Potential to host a repetition of the high-grade Nabarlek uranium system
- Drilling planned for June 2019



# Primary focus: Pre-mining high-grade drill intercepts at Nabarlek justify deeper exploration targeting

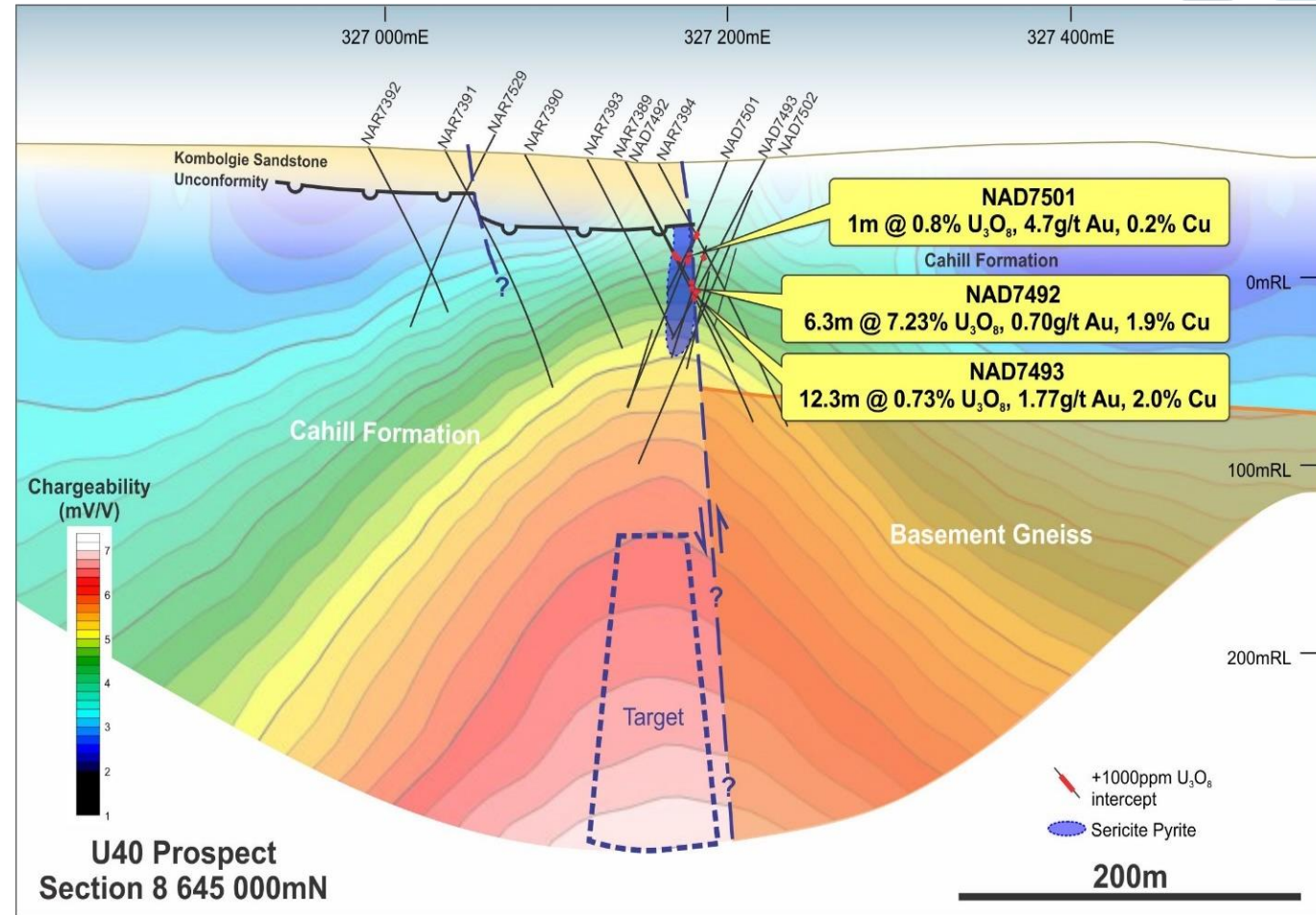


## 2 U40 Prospect: Uranium-copper-gold target defined

- Previous intercepts in diamond core holes that define the high-grade pod include:
  - **12.3m @ 0.73%  $U_3O_8$ , 1.77g/t Au, 2% Cu**
    - Incl 2.6m @ 8.1g/t Au, 1.6g/t Pd, 1.0g/t Pt
  - **6.3m @ 7.23%  $U_3O_8$ , 0.7g/t Au, 1.9% Cu**
- 2018 IP survey identified a clear chargeable anomaly located down-dip from an isolated pod of high-grade uranium-copper-gold mineralisation

### REGULATORY APPROVAL TO DRILL TARGETS NOW IN PLACE

- **Drilling planned to commence June in conjunction with Nabarlek prospect**

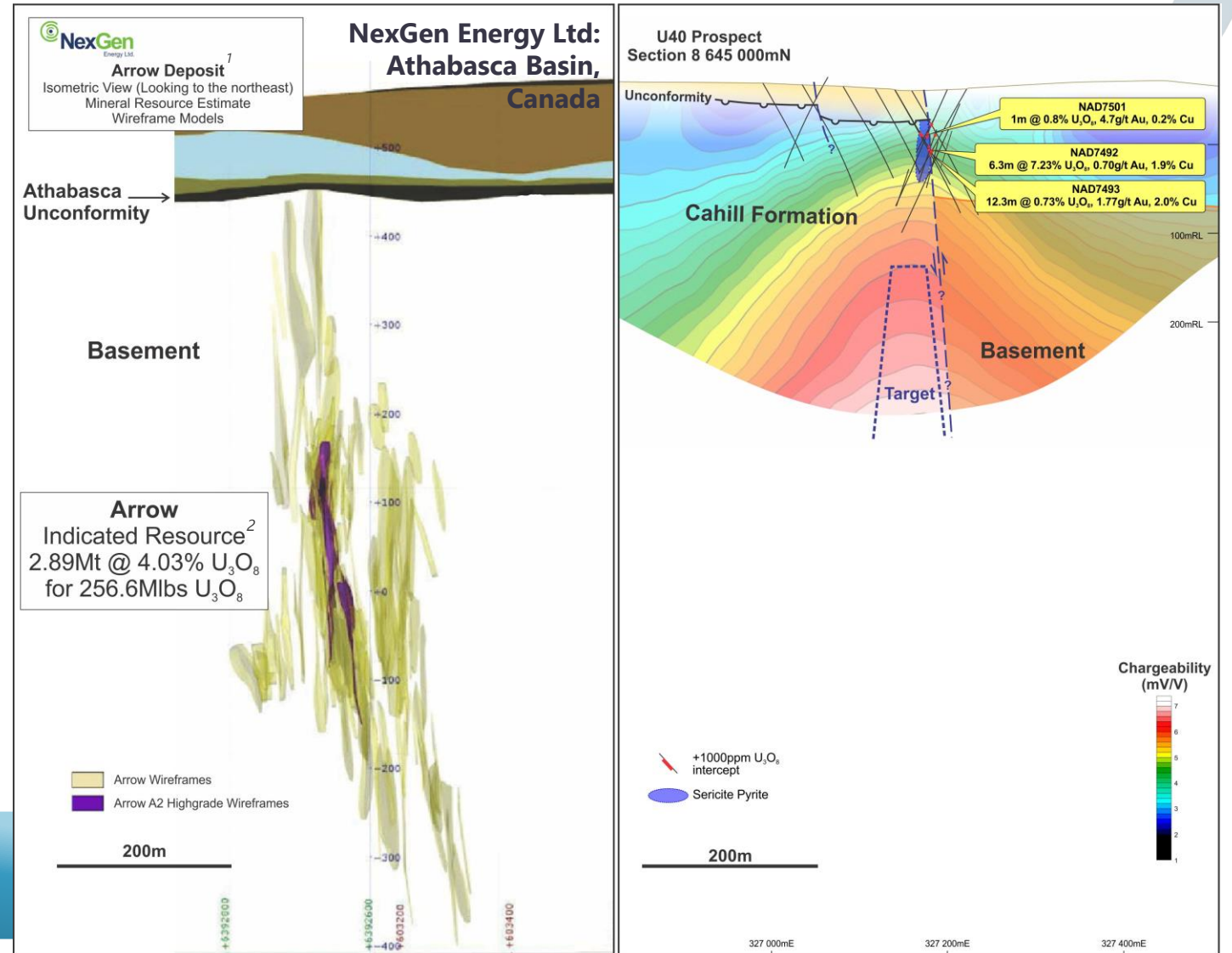




# Uranium Targets - Basement-hosted uranium mineralisation

- Athabasca Basin (Canada) and the Alligator Rivers Uranium Province (ARUP) are the only known basins hosting economic Proterozoic Unconformity Uranium Deposits
- Close geological comparisons between the ARUP and the Athabasca deposits esp. unconformity-style uranium deposits
- Deposits are localised along major basement structures with uranium in both the basement and sandstone unconformity settings
- Both provinces contain high-grade, high value uranium deposits
- Discovery of the Arrow Uranium Deposit in Canada within the Athabasca demonstrates large structurally controlled basement hosted uranium mineralisation
  - Associated with brittle reactivation of structure
  - Mineralisation continues well below the unconformity
  - Large scale 256Mlbs  $U_3O_8$ , high grade (4.03%  $U_3O_8$ ) uranium discovery

**DevEx are targeting regional basement structures known to host high grade uranium mineralisation (Nabarlek, U40)**



1) Browne (2017) The Arrow Deposit: SW Athabasca Basin: Resource Upgrade and Expansion, AUSIMM Uranium Conference

2) NexGen (TSX-V NXE) Website March 2019 Presentation



# Junee and Bogong Copper-Gold Projects

NEW SOUTH WALES



**Australia's premier copper-gold district, tightly held by Major Miners**

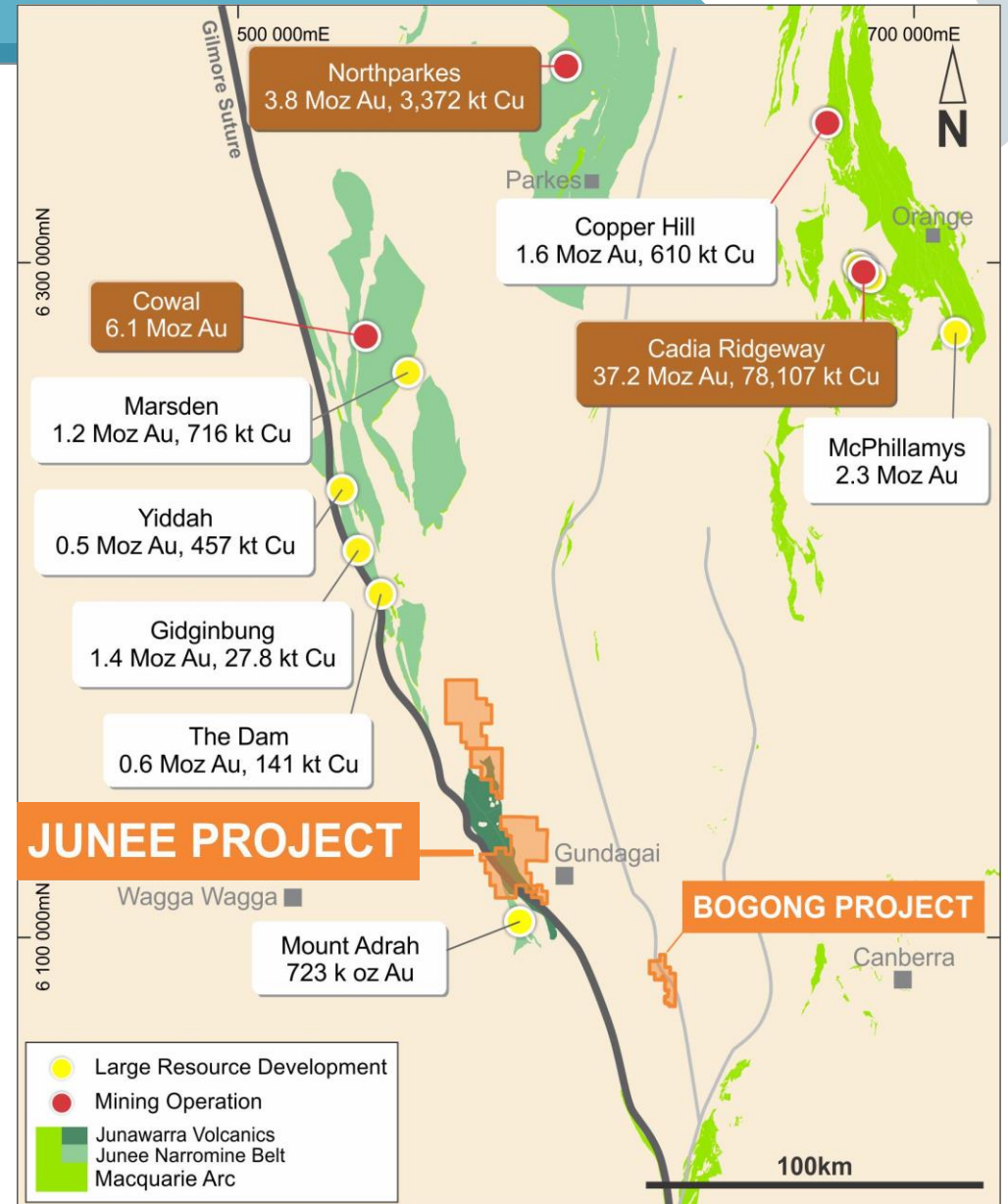
**Same age porphyries as Cadia-Ridgway and Northparkes Deposits**

# Junee Project: new opportunity for a major copper-gold discovery

- Located in the Lachlan Fold Belt - a highly endowed copper gold region hosting several of Australia's largest deposits
- Junee Project remains underexplored, with last round of exploration drilling over 20 years ago
- Mapping supports the Geological Survey's (GSNSW)<sup>1</sup> recent review that the rocks within the Project are the southern extension of the Junee Narromine Volcanic Belt and are prospective for
  - **Cadia-Ridgeway – Newcrest Mining Limited**
  - **Northparkes Mine - China Molybdenum Co. Ltd.**
  - **Cowal Mine- Evolution Mining Ltd.**
- DevEx has identified multiple large scale porphyry-copper gold targets within its granted tenure

## Explorers within the Junee-Narromine Volcanic Belt

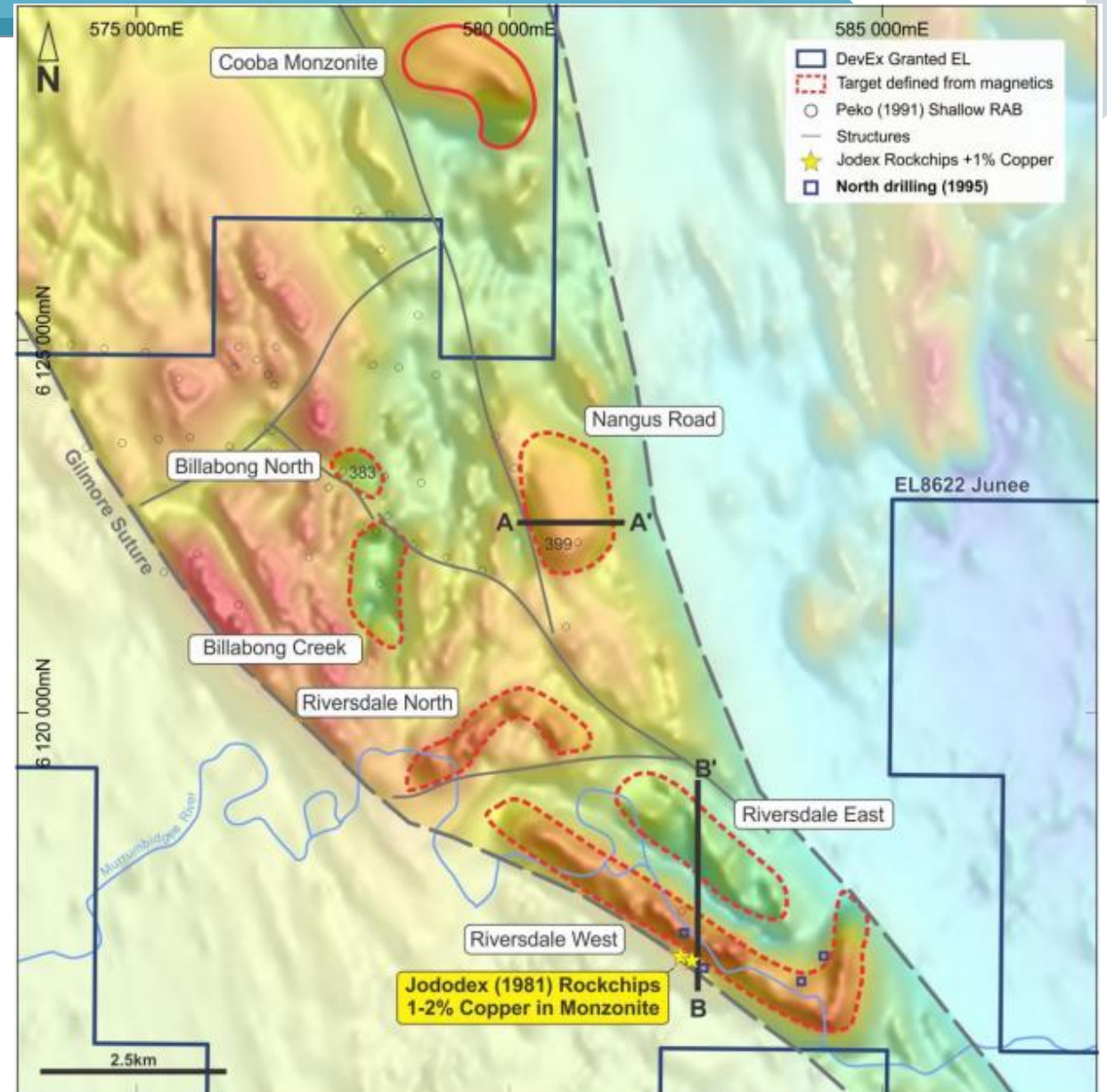
China Molybdenum Co Ltd | Newmont Exploration Pty Ltd |  
 Freeport-McMoran Exploration Australia Pty Ltd | Evolution Mining Limited |  
 Sandfire Resources NL | St Barbara Limited



<sup>1</sup> GSNSW East Riverina Mapping Project - Some Highlights and Implications, Eastlake and Trigg

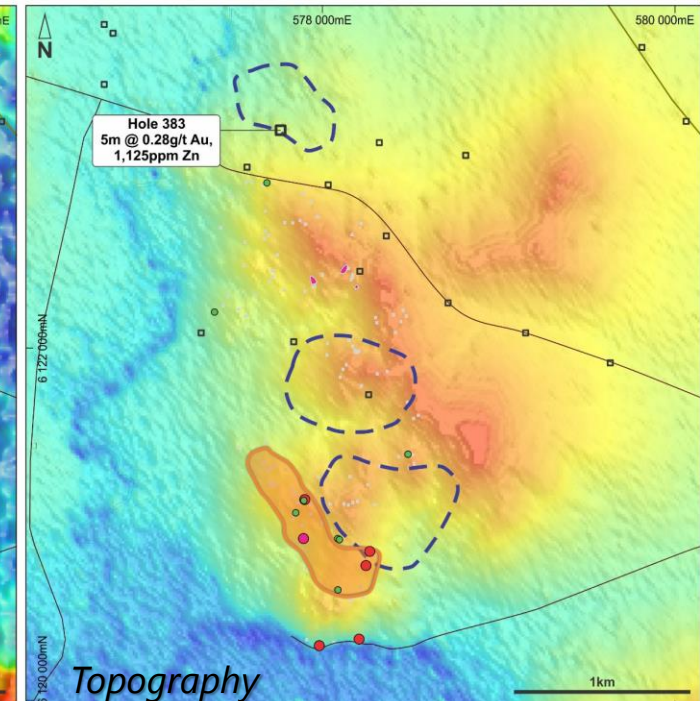
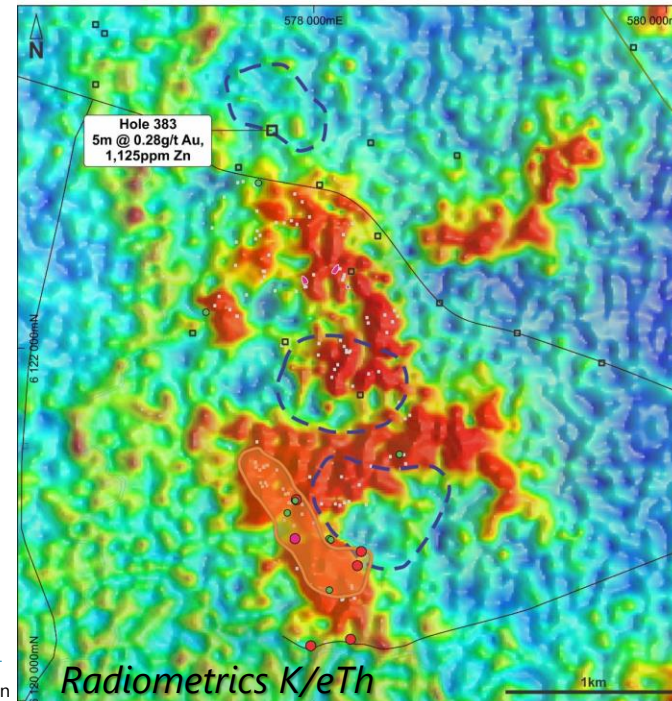
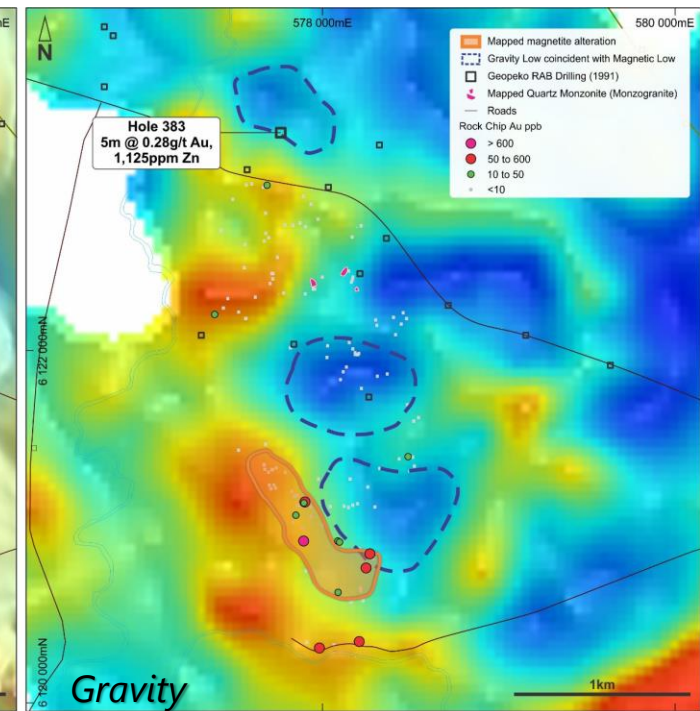
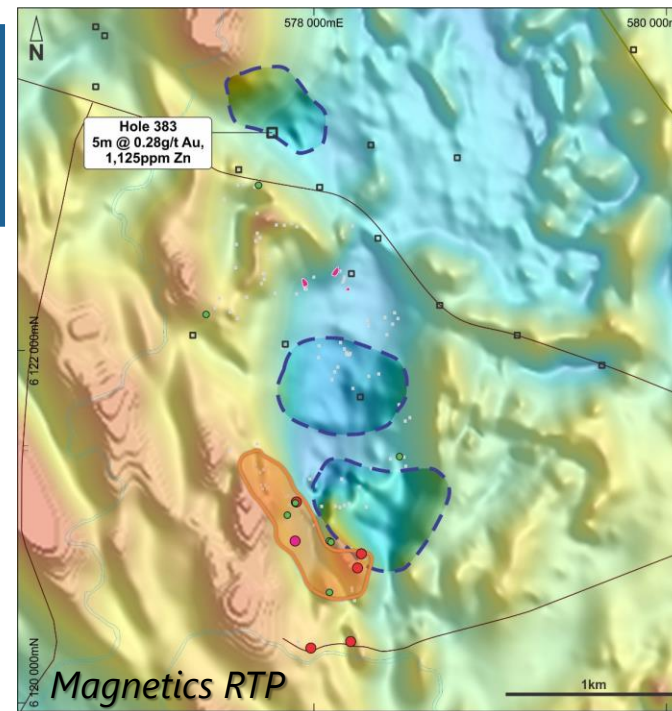
# Junee Project: large-scale porphyry copper-gold targets identified

- +15km of prospective strike
- Recent geophysical modelling and geological review by DevEx confirms potential for additional buried porphyry copper-gold style mineralisation
- Several drill targets now defined, including the:
  - **Billabong Creek**
  - **Billabong North**
  - **Nangus Road and;**
  - **Riversdale West and East Prospects**
- With additional access now available, further mapping and geochemical sampling planned to assist with drill hole prioritisation



# Billabong Creek and Billabong North Prospects

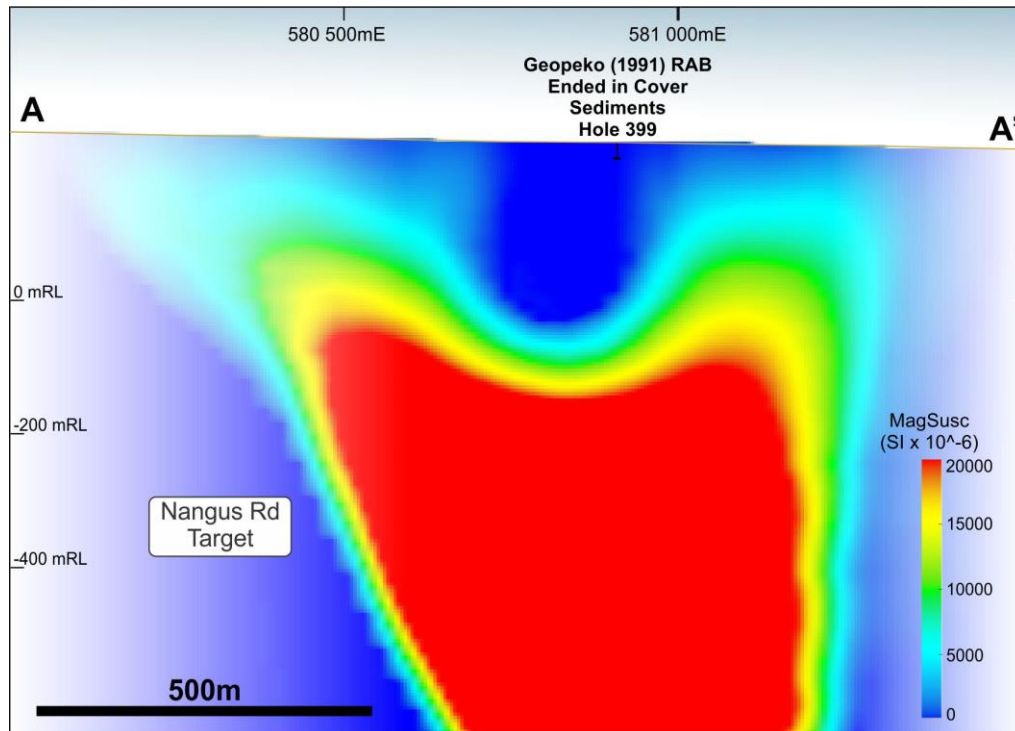
- **Billabong Creek:** Previous interpretation of geophysical and geological datasets highlighted the potential for a buried porphyry intrusion
  - coincident gravity and magnetic lows;
  - topographic highs;
  - Potassium (K) Alteration - anomalous K and K/eTh<sup>1</sup> in radiometrics
  - Rock chip sampling of quartz veins and silicified sediments assayed up to 1.0 g/t Au
- **Billabong North:** Interpreted offset of main Billabong Creek target
  - coincident gravity and magnetic lows;
  - Shallow RAB has anomalous gold and base metals



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### Nangus Road Prospects

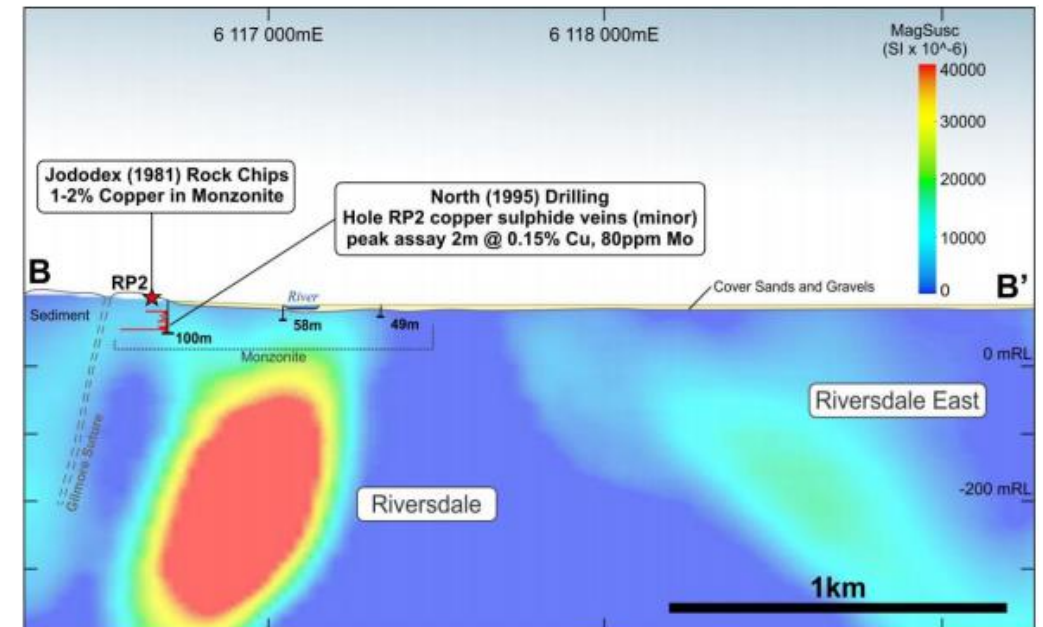
- Shallow surface sediments masking outcrop
- Broad magnetic anomaly of similar size and amplitude to the magnetic anomaly which maps the copper-gold bearing monzonite intrusion at Cooba
- Modelling of the magnetic response indicates that the top of the magnetic anomaly is ~200-300m deep



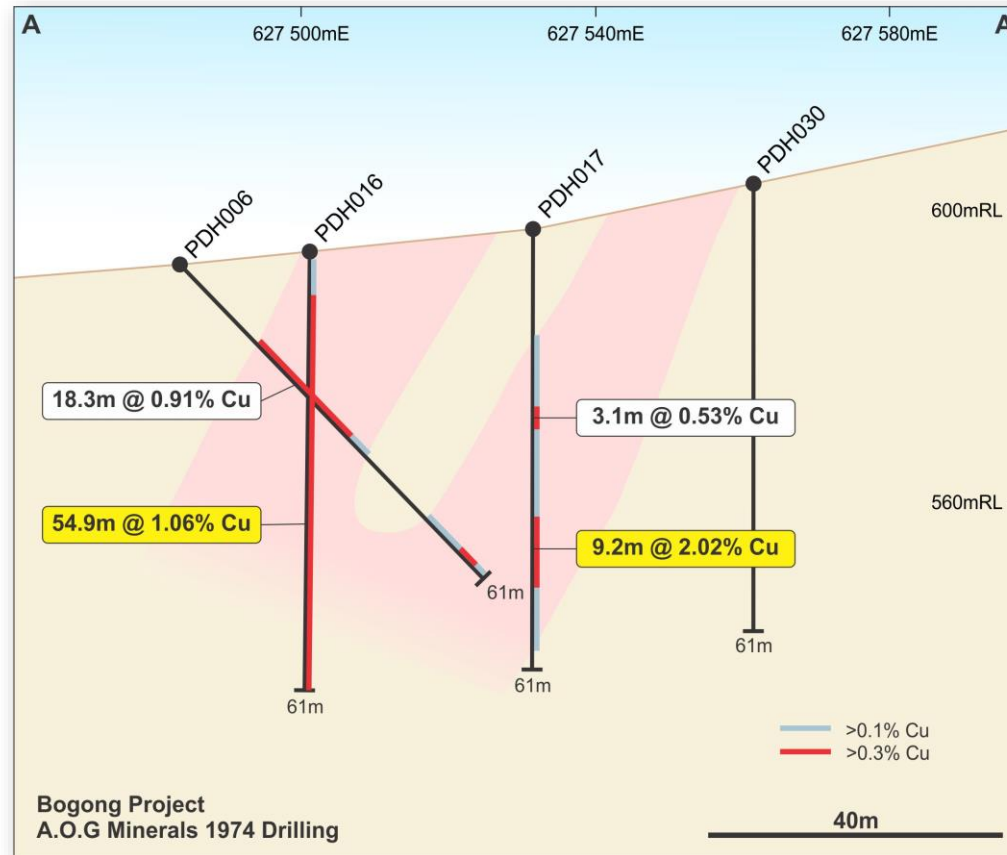
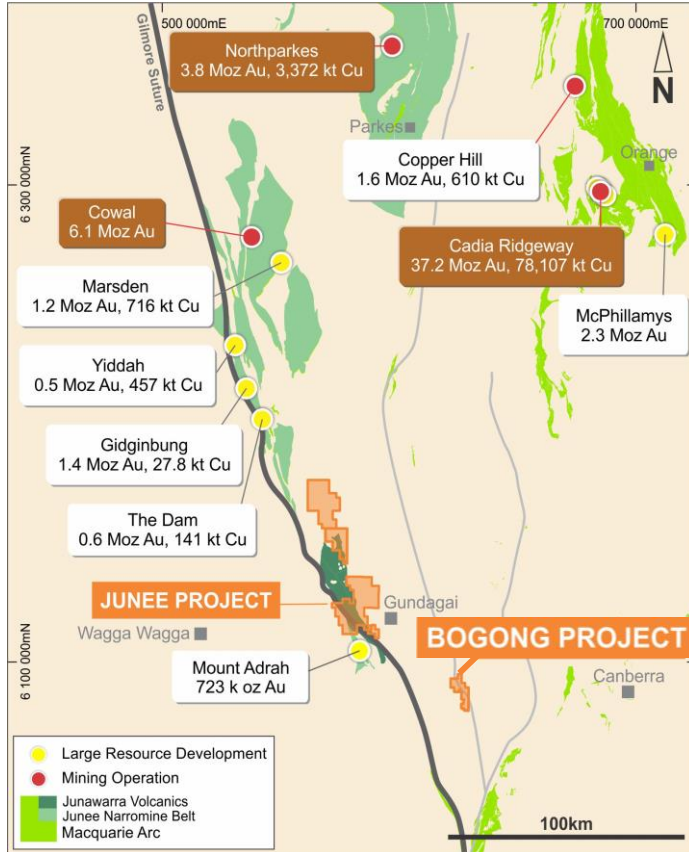
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### Riversdale East and West Prospects

- Copper in porphyry outcrop : two rock chip samples assayed 1.2% and 2.0% copper (malachite).
- Drilling targeting the magnetic anomaly intersected, minor copper sulphide veins within Monzonite. Drilling yet to test the main magnetic target
- **Riversdale East:** interpreted to represent a complex series of magnetic anomalies associated with the monzonite porphyry complex



# Bogong Project: a second, nearby copper-gold prospect



- 60km SE of Junee Project
- Significant near surface, broad copper intercepts in historical drilling
- Better copper intercepts include\*:
  - **54.9 m @ 1.06% Cu from 6.1m; and**
  - **9.2 m @ 2.02% Cu from 39.6m**
- Copper sulphide mineralisation hosted within felsic rocks
- No assaying for gold in drilling
- Mineralisation over 500m

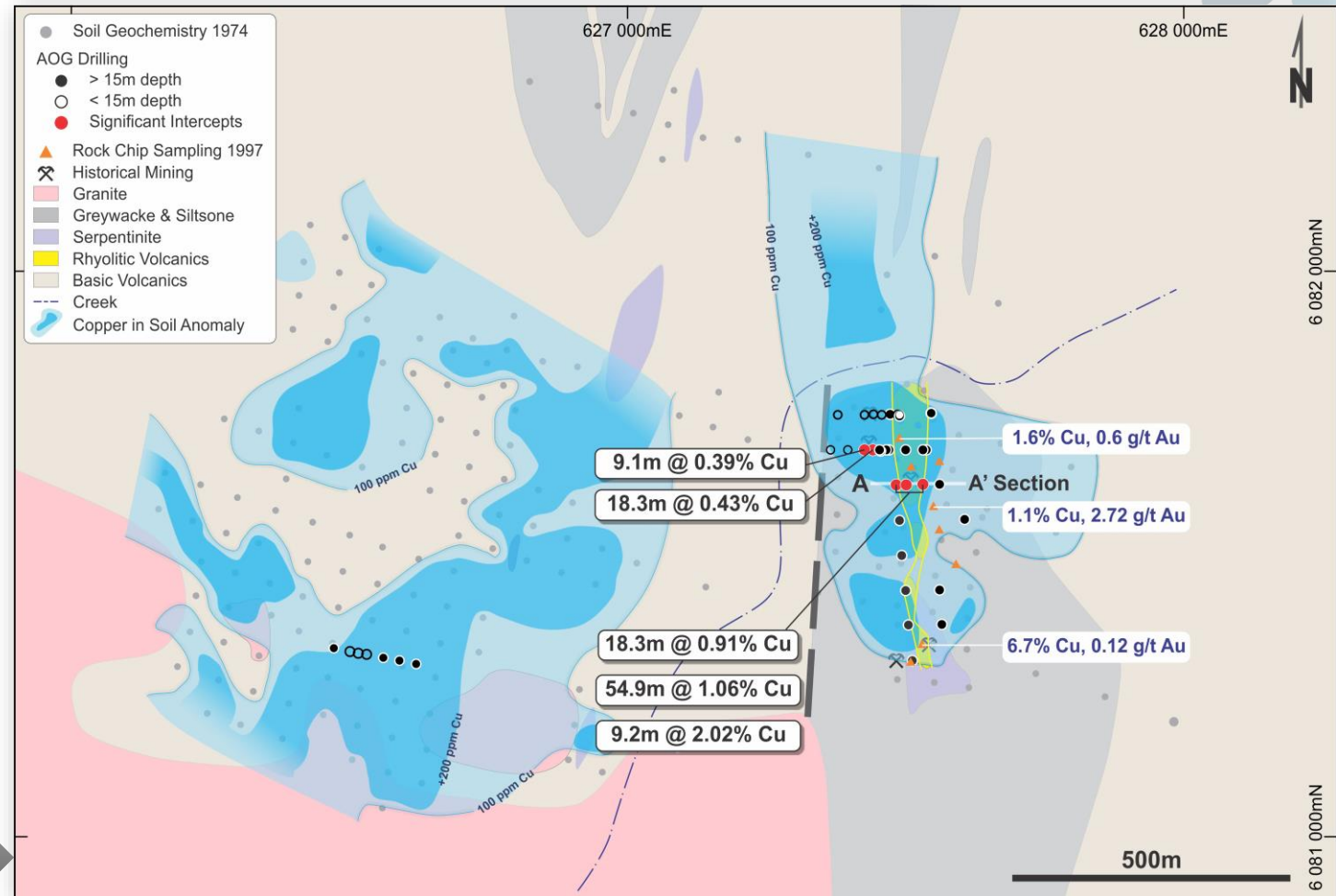
\* Refer to ASX : DEV announcement of 22-May-18

# Bogong Project: under explored copper system in a mineral rich province

- Copper in soil geochemistry indicates the system is open to the north
- Previous rock chip sampling demonstrates copper + gold relationship, up to 2.7 g/t gold with 1.1% copper
- No modern geophysics to test for copper sulphides at depth or along strike

## PLANNING GROUND IP GEOPHYSICS TO ASSIST WITH DRILL TARGETING

- Majority of the project is freehold farm land
- Rural Land Access Agreement process commenced





2019

## Forward Plan ...



### West Arnhem Nabarlek Project

- **Drilling planned for June 2019**
- Nabarlek targets prioritised as they lie within an established productive mineralisation system
- 10 to 12 holes for ~2100m planned

### Junee Copper-Gold Project

- Mapping and geochemical sampling has defined several new drill targets within tenure
- Further mapping and geochemical sampling planned to assist with ground geophysics and drill hole prioritisation
- **Progressing towards drilling in 2019**

### Bogong Copper-Gold Project

- IP Geophysics and Drilling to commence following Land Access Agreement approvals

# Corporate Overview

## Capital Structure

Shares	91.9M
Fully diluted	94.9M
Options	~7.6M
Market Cap	~\$4.4M (at 4.8c)
Cash	\$0.45M*
Assets	PhosEnergy Limited (9.9%) -3.45M shares

## Board & Management

Tim Goyder	Chairman
Brendan Bradley	Managing Director
Bryn Jones	Non Exec. Director
Richard Hacker	Non Exec. Director
Rebecca Broughton	Company Secretary

\*As at 31 December 2018

## Major Shareholders

Tim Goyder (Chairman)	25.3%
Calm Holdings	5.8%
Top 20	~55.6%



# Experienced exploration and development team



## Tim Goyder

CHAIRMAN

Perth-based mining investor with a strong record of successful investment and value creation in the Australian and international resources sector. Currently the Executive Chairman of Chalice Gold Mines Ltd and Chairman of Liontown Resources Ltd.

## Brendan Bradley

MANAGING DIRECTOR

A Geologist with 20+ years of mineral exploration, mining and resource development experience on Australian and International projects - Battle Mountain, Perilya, Dominion Mining and Kingsgate, across a broad range of geological settings

## Richard Hacker

NON-EXECUTIVE  
DIRECTOR

A Chartered Accountant (ICAA) and Chartered Secretary with 20+ years professional and corporate experience in the energy and resources sector

## Bryn Jones

NON-EXECUTIVE  
DIRECTOR

Experienced in the evaluation, design, construction and operation of projects in various commodities from a technical and operational perspective



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