

A man with a beard, wearing a yellow shirt and a lanyard with 'DISCOVER' written on it, is looking closely at a rock sample held in his hand. The sample is part of a collection in a grey plastic tray. Other samples in the tray are marked with handwritten numbers like '350', '349', and '348'. The background is a solid orange color.

# PACGOLD

## Unlocking an Entire Gold Corridor Alice River Gold Project

Investor Presentation - 13 February 2024

ASX : PGO



# Cautionary statement

## Disclaimer & Competent Persons statement

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This presentation has been authorised for release to the ASX by the Managing Director.

### COMPETENT PERSONS STATEMENT

The information in this document that relates to Exploration Results is based on, and fairly represents, information compiled or reviewed by Mr Geoff Lowe, who is a Member of The Australian Institute of Mining and Metallurgy. Mr Lowe is PGO's Exploration Manager and holds shares and options in PGO.

Mr Lowe has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is 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'.

Mr Lowe consents to the inclusion in the public report of the matters based on his information in the form and context in which it applies.

# Alice River Project - Unlocking an Entire Gold Corridor

**PACGOLD LIMITED (ASX:PGO)**

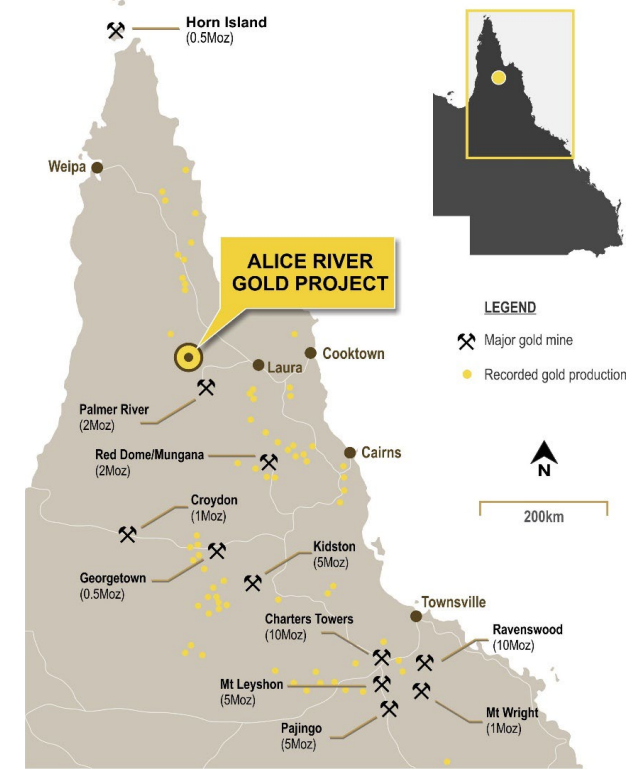
## Multiple high-grade gold discoveries on an overlooked district-scale belt

- **Central Target**
  - F1a zone - **24m @ 8.0g/t Au** and **14.9m @ 10.3g/t Au**
  - F1a zone - **open along strike >1km** and **beyond 500m depth**
- **Southern Target**
  - Initial step-out drilling – **1m @ 89.1g/t Au**
  - Shallow historical drilling – **8m @ 55.9g/t Au**

## Enormous scale potential defined by IP geophysics and concealed by shallow cover

- 30km long structure confirmed with a pipeline of high-grade targets being defined and systematically drilled
- Successful exploration strategy based on cutting edge geophysics accelerating district-scale advances
- New mineralised sub-parallel structures defined (Posie and Jerry Dodds)
- Regional step-out drilling on Alice River fault zone (Northern Target and Victoria)

## Well-funded to continue to unlock an entire gold corridor and build gold resources



# Corporate Overview (ASX : PGO)

Well-funded, tight register and strong institutional backing

## Capital structure

**A\$0.16**

Share price  
@ 12 Feb '24

**84.1m**

Ordinary shares

**23.0m**

Options  
@ 30c, 31c, 36c, 42c,  
75c and 94.5c (avg. 45c)

**A\$13.4m**

Market capitalisation  
@ A\$0.16 / Share

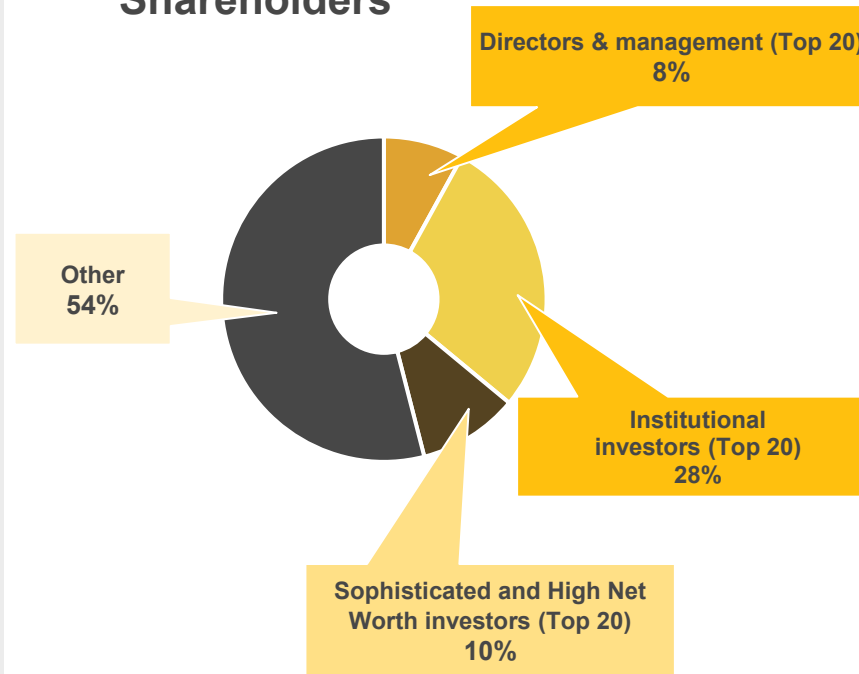
**A\$10.2m**

Enterprise value

**A\$3.2m**

Cash balance  
@ 31 Dec '23

## Shareholders



## Key facts

- Only 84.1M shares on issue
- Strong cash position and institutional support:



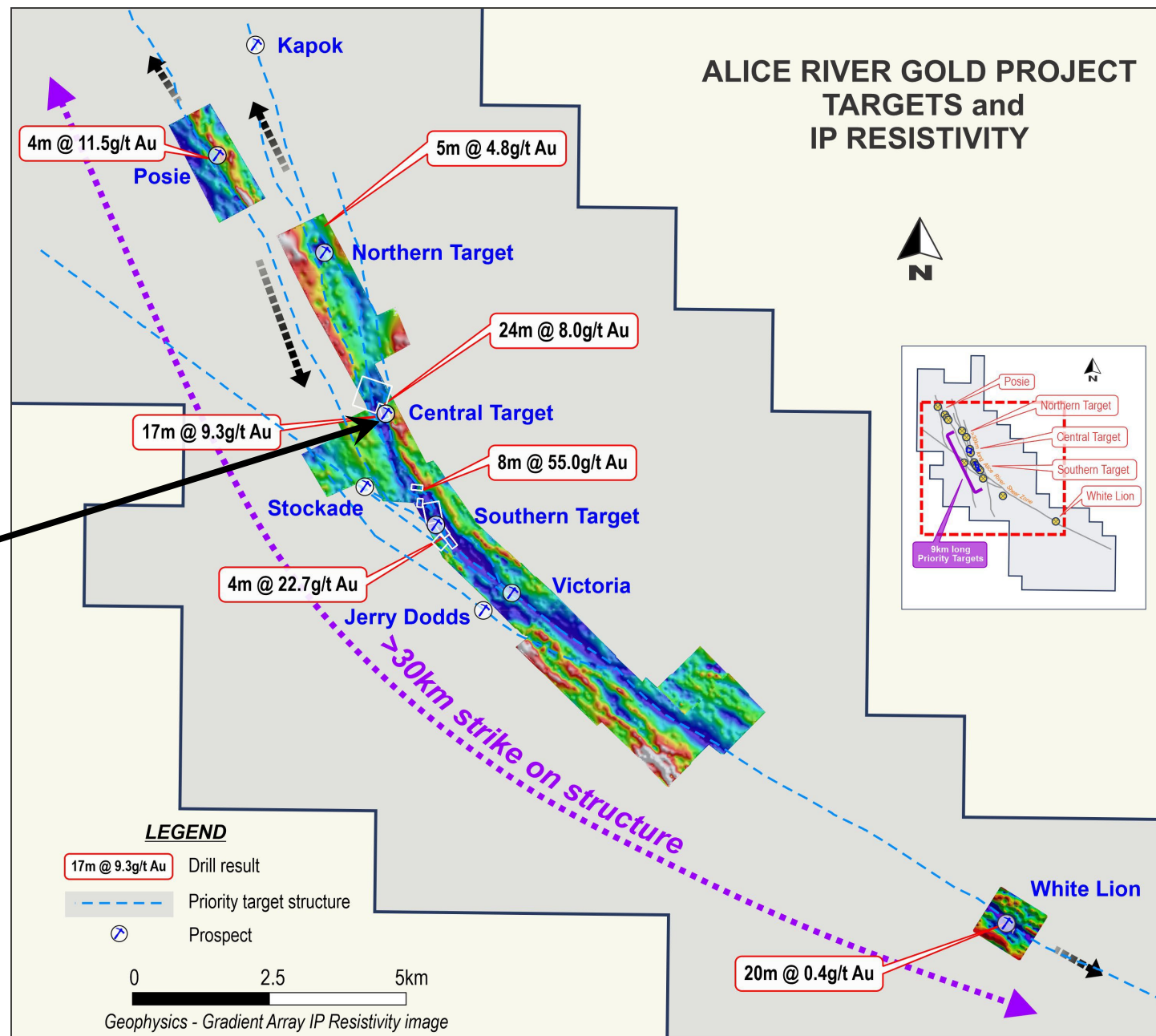


# District-scale Opportunity

First-mover advantage

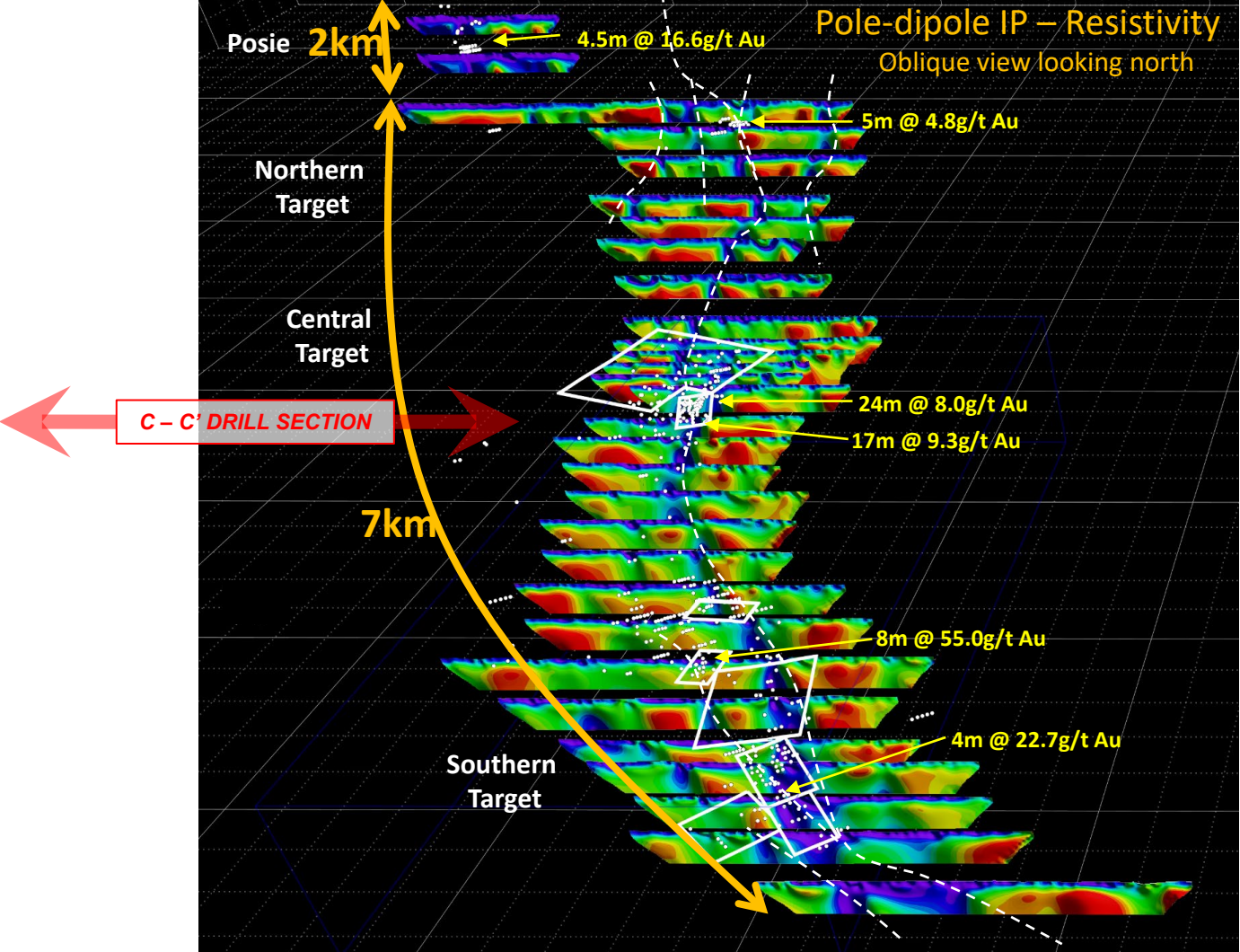
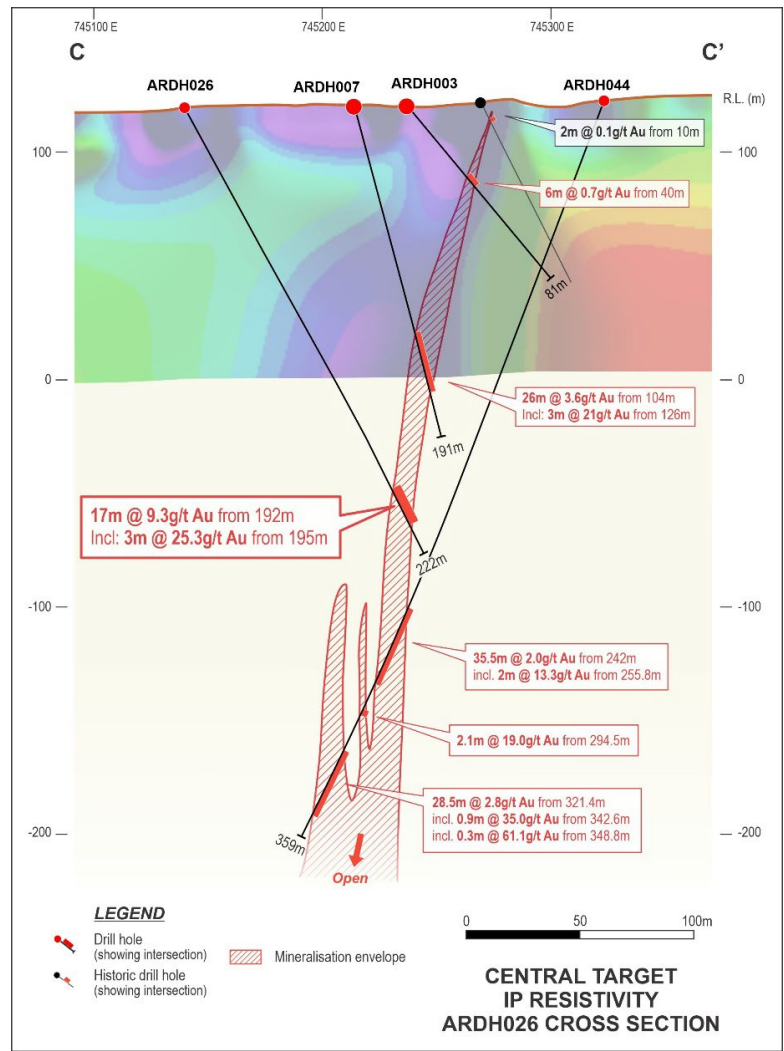


- Previous mining (1990s) recovered 30,000oz @ 5.6g/t Au
- Limited exploration in past 30 years
- Pacgold's regional IP Geophysics - gamechanger
- Demonstrated 30km gold belt - dominantly sand-covered



# IP Resistivity Geophysics

Success targeting resistivity lows (blue-purple) defining mineralised fault zone – First detailed IP survey





# Central Target

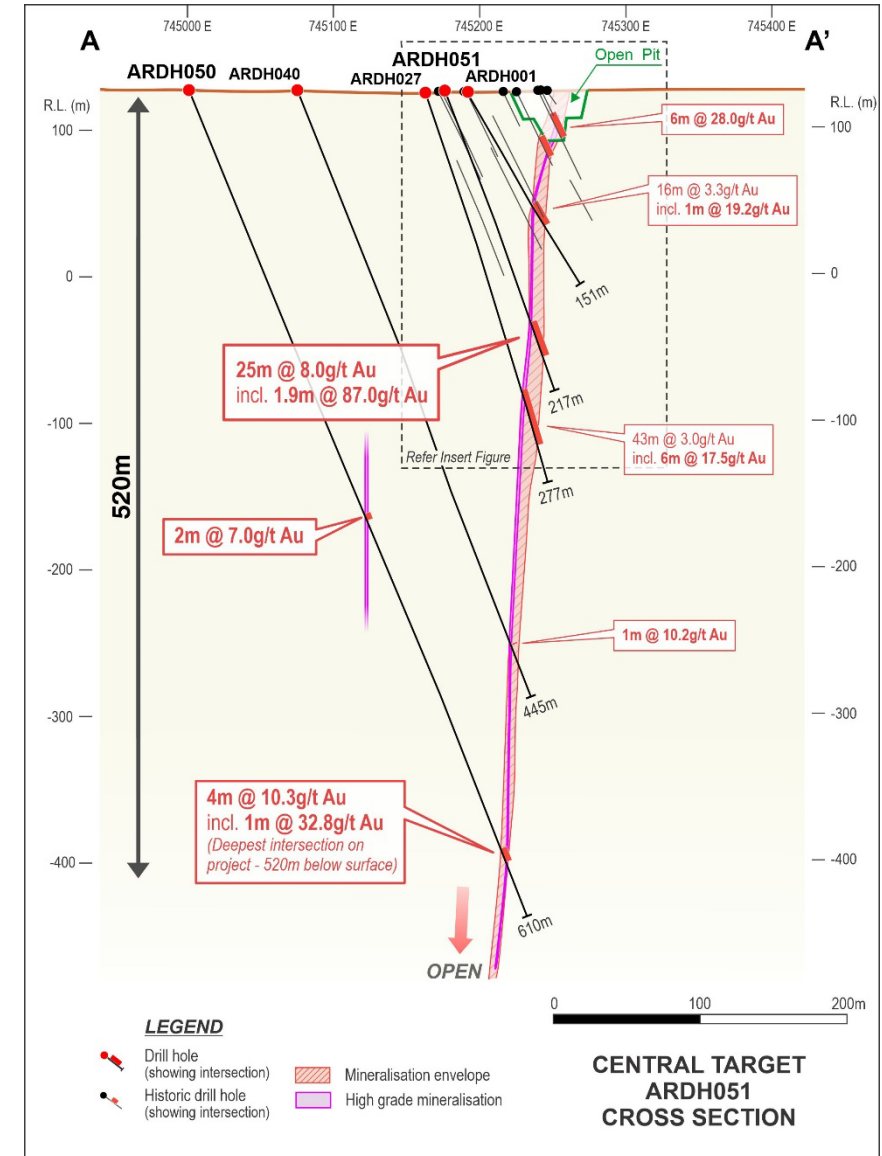
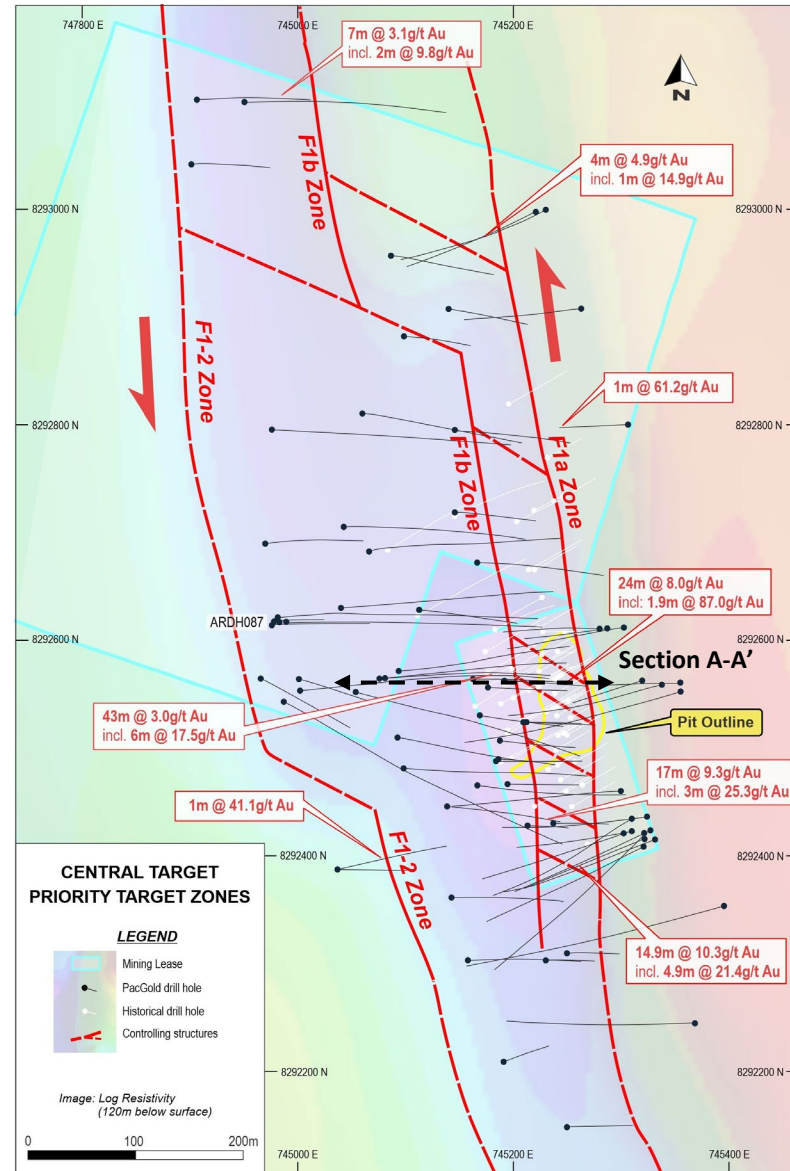
Excellent high-grade gold continuity extending to 520m below surface

- **F1a Zone - High-Grade Discovery**

- 17m @ 9.3g/t Au from 192m
- 24m @ 8.0g/t Au from 168m
- 14.9m @ 10.3g/t Au from 241m
- Open along strike >1km and beyond 500m depth

- **F1-2 Zone – Potential Repetition**

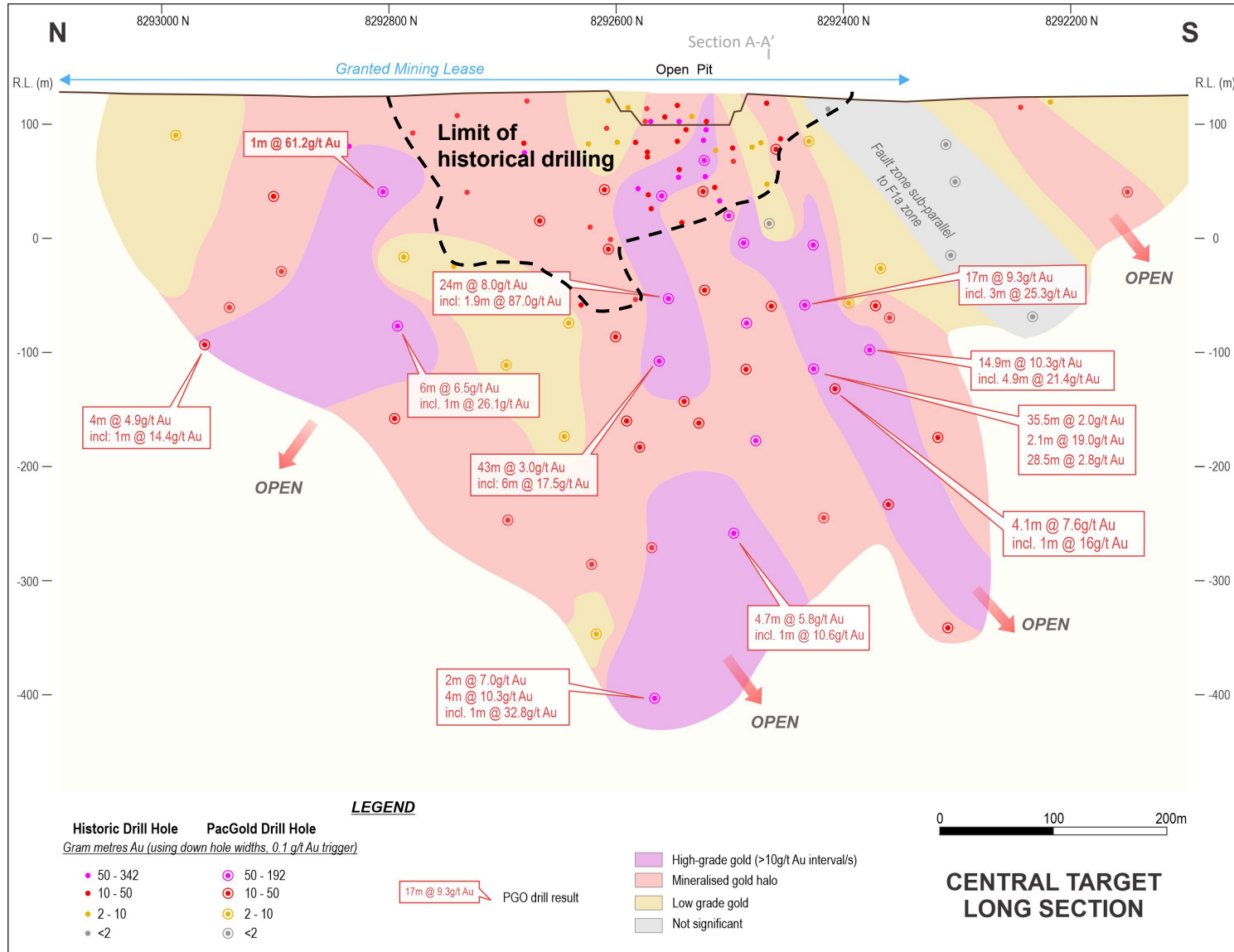
- Bonanza grade in first hole
- 1m @ 41.1g/t Au from 71m



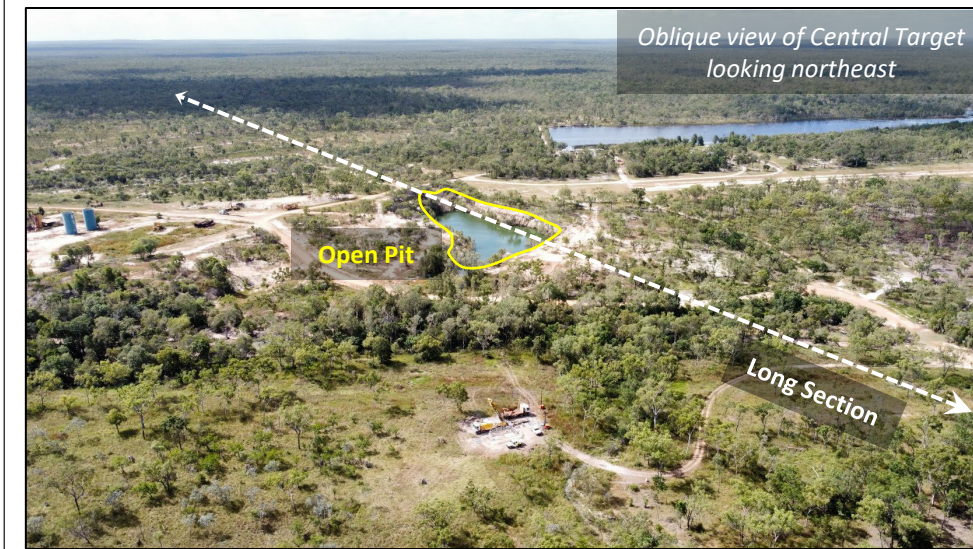


# Central Target

## Gold mineralisation open along strike and at depth – Massive Gold System

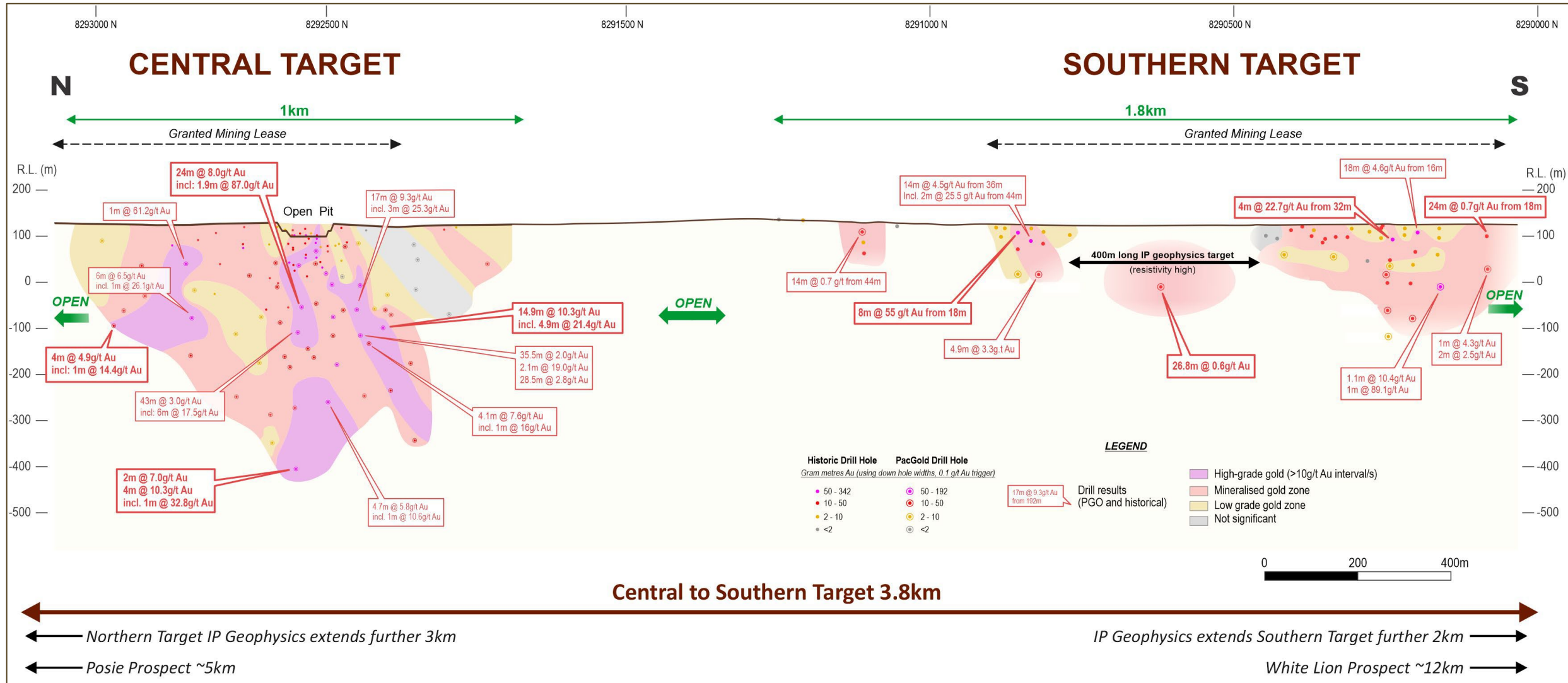


- Interpreted top of a 'High-level' Intrusion Related Gold System (IRGS)
- Wide Spaced Drilling - nominally >80m centres
- Internal high-grade 'shoots' with visible gold



# Southern and Central Targets – Long Section

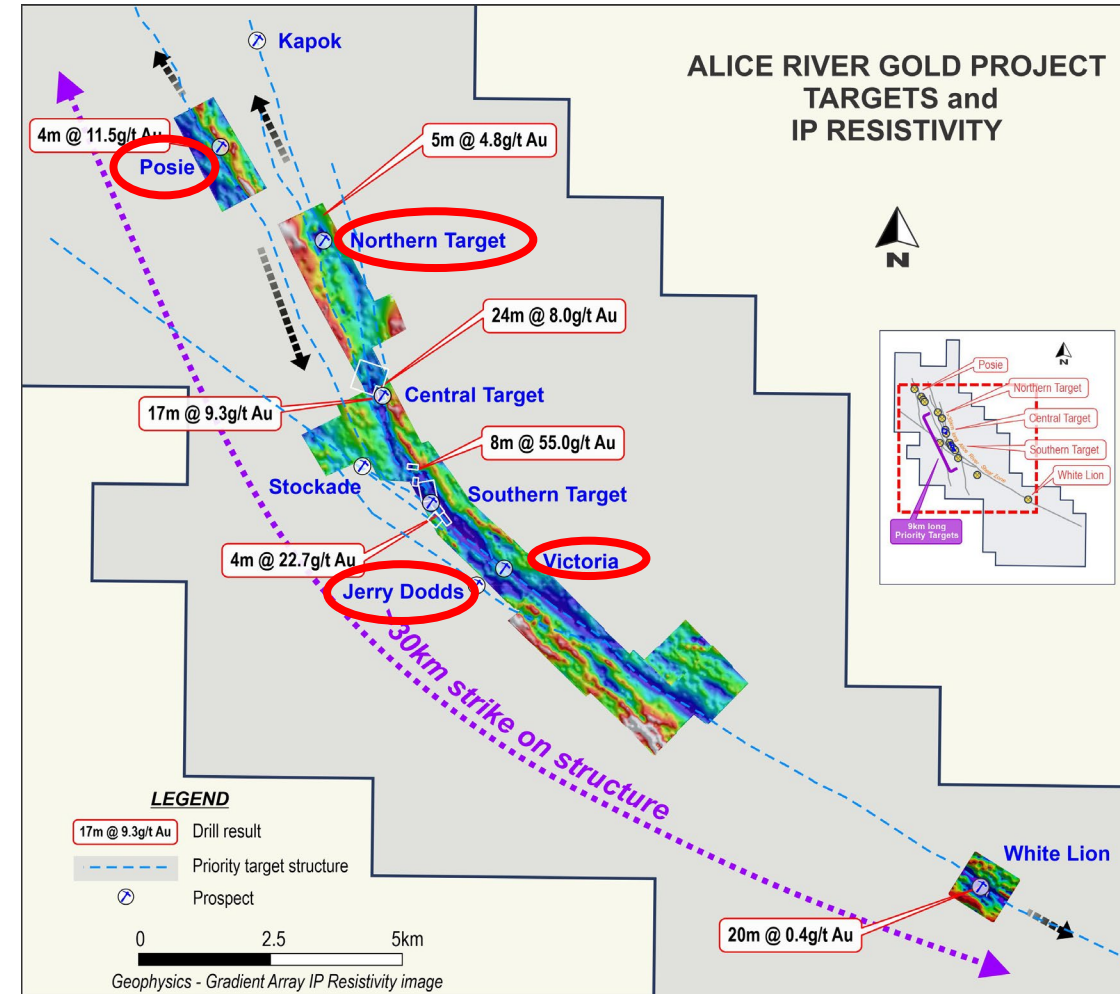
Massive gold mineralised structure



# District-scale Opportunity

## First-mover advantage

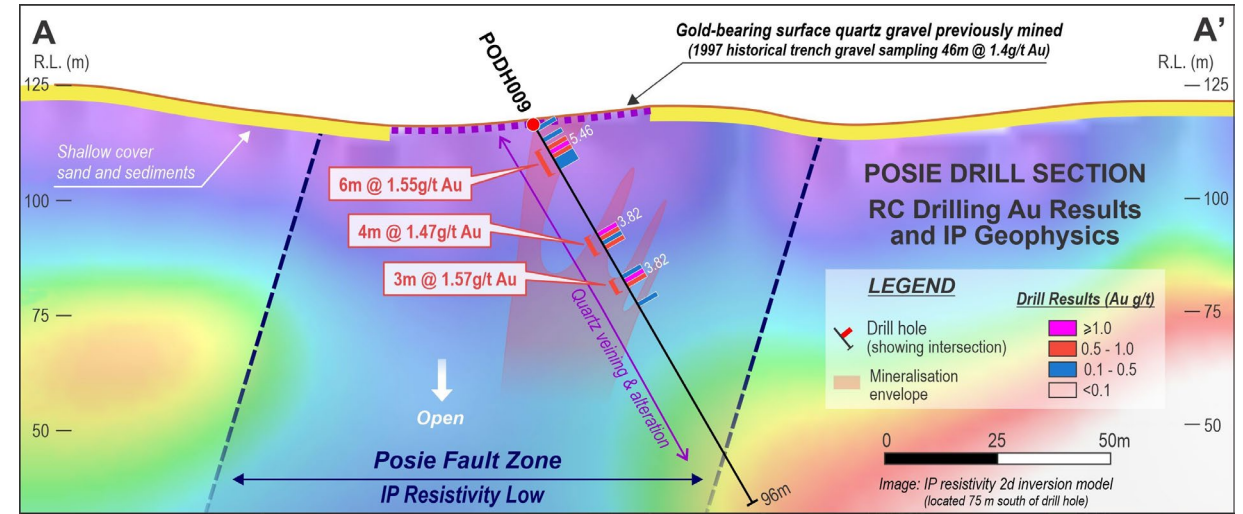
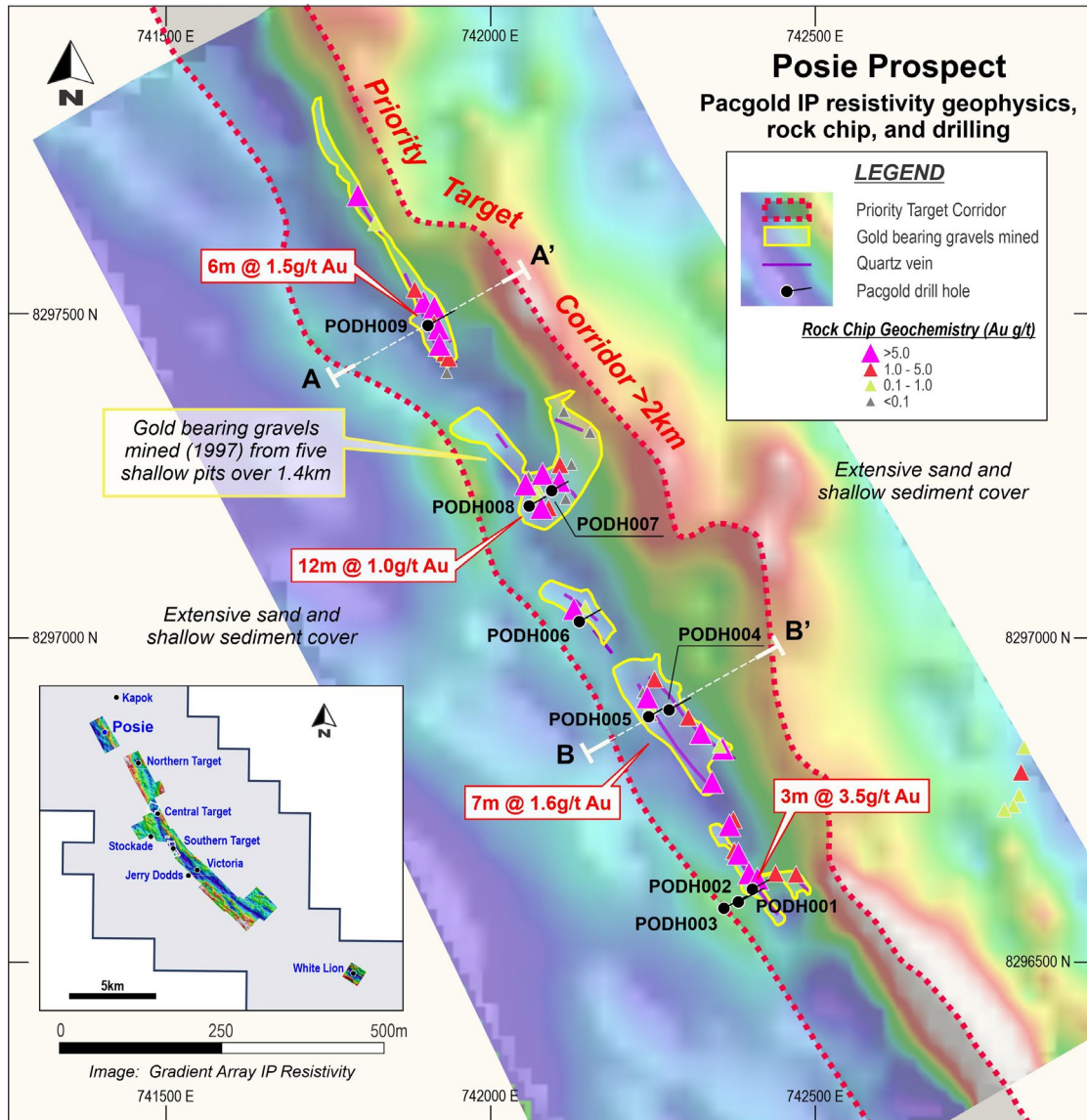
- **Rapidly expanding the gold footprint on a regional scale** – potential for multiple significant gold centres
- **Incredible success using IP geophysics** to see through shallow cover and define the gold targets / structures
- **Alice River fault zone defined over >30km** – wide-spaced step-out drilling confirming massive scale gold potential
- **Multiple sub-parallel regional mineralised structures** now being defined and drilled





# New Regional Structures – Posie Prospect

New structures adding significant kilometres

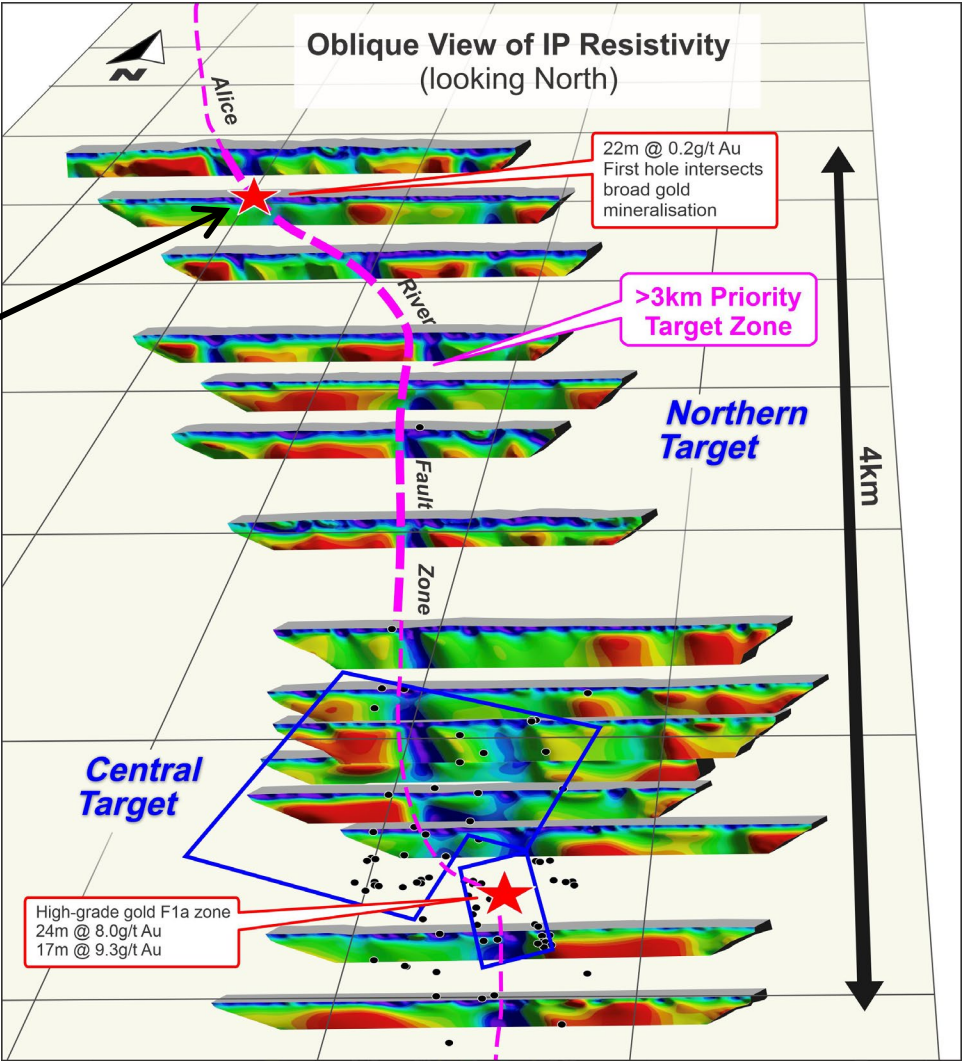
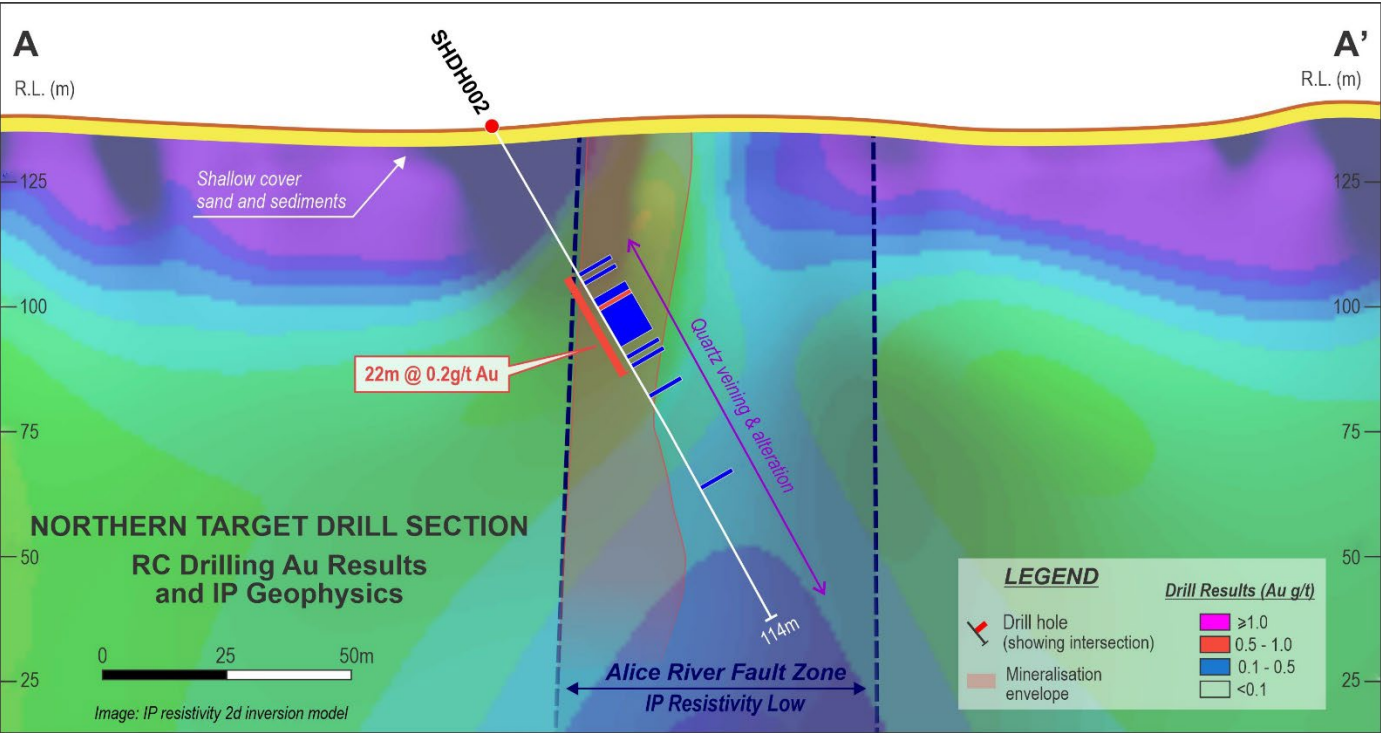


- Shallow mining (1.5m deep) of high-grade gravel colluvium completed from 5 pits over 1.4km in 1997
- Pacgold drilling defining a wide structure associated with IP targets
- >2km strike defined in IP geophysics – Shallow gold intersected in wide spaced drilling

# Alice River Fault Zone - Defining Gold Mineralised Extensions

District-scale gold mineralised structure >30km

## Northern Target

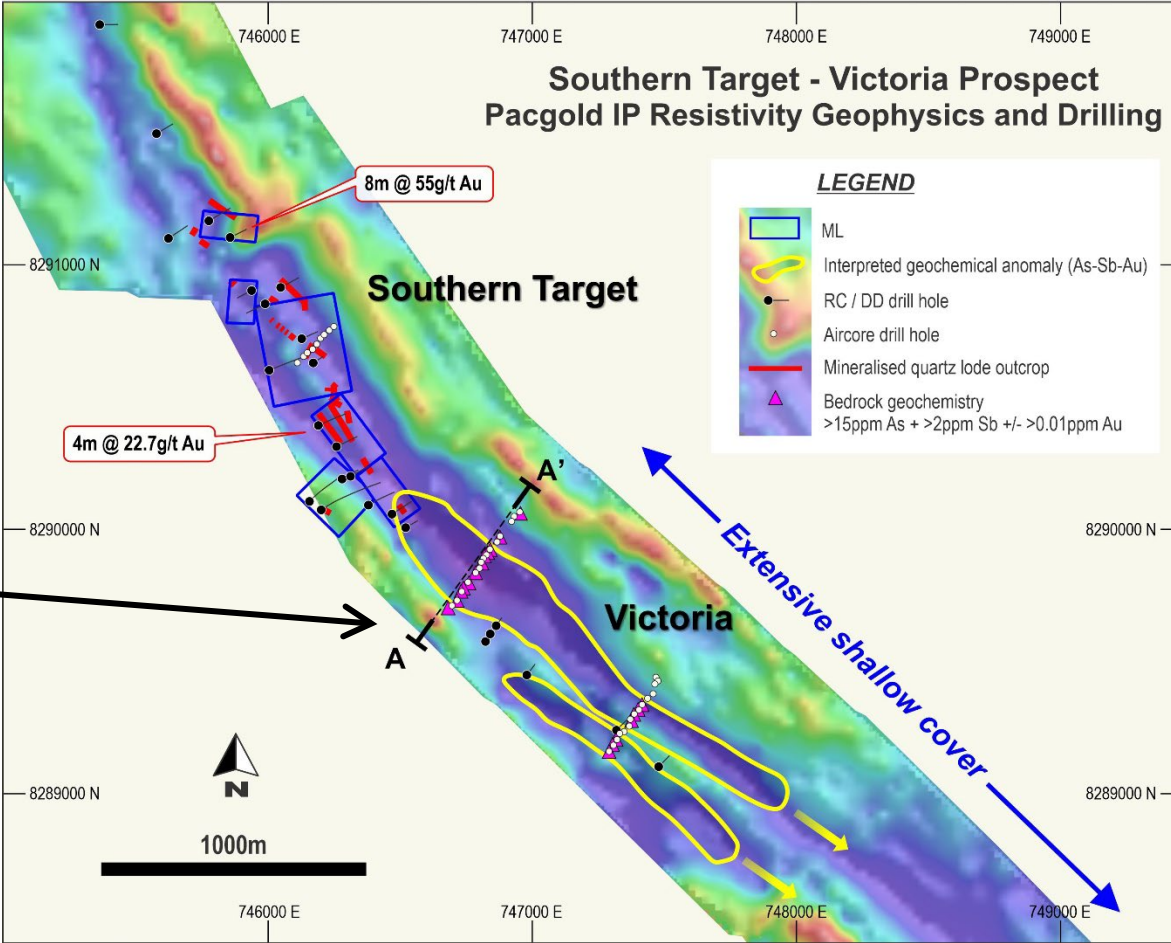
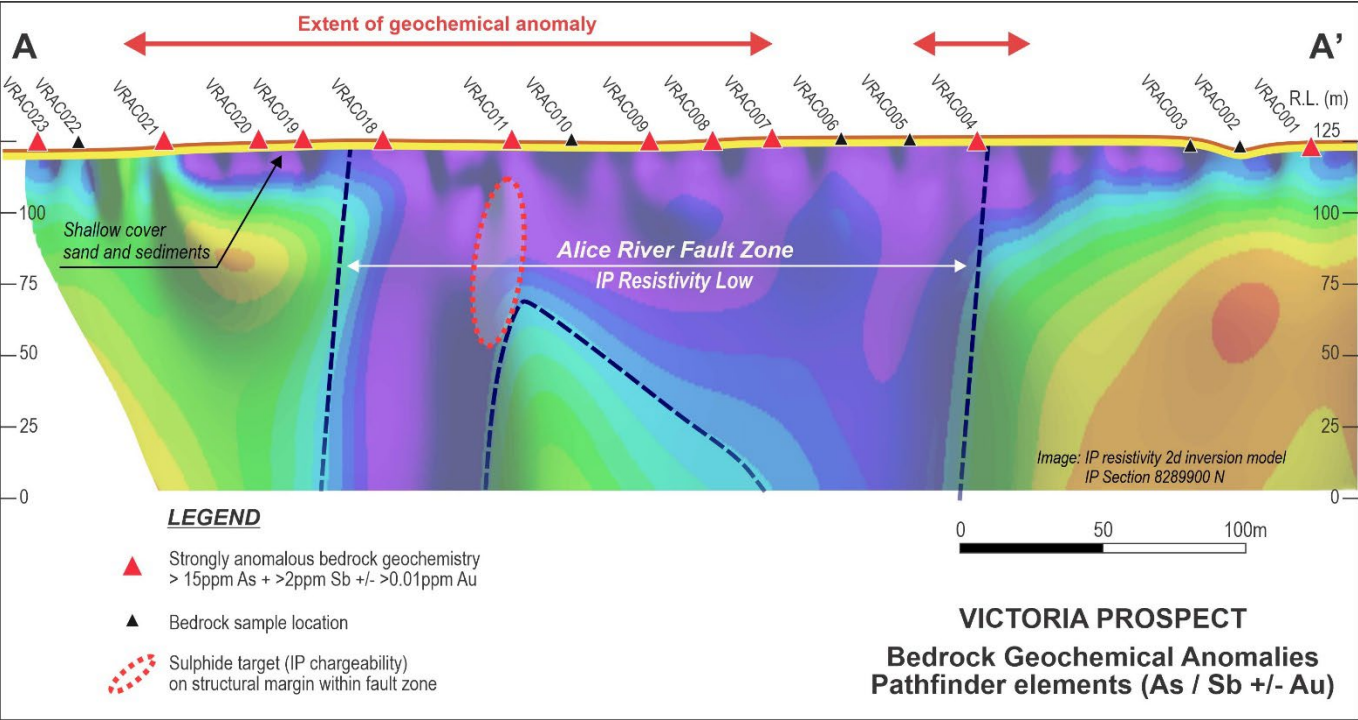




# Alice River fault zone - Defining Gold Mineralised Extensions

District-scale gold mineralised structure >30km

## Victoria Prospect







Creating wealth through sustainable innovative exploration and development of under-explored gold assets in Australia

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

ASX: PGO

# Unlocking an entire gold corridor

Applying modern exploration to an overlooked opportunity

- First mover advantage – First to apply our successful exploration targeting strategy on a district-scale
- IP geophysics defining large-scale gold mineralised structures not previously drilled – defining a new Gold Province in North Qld
- High-quality institutional support
- Well-funded to continue to unlock an entire gold corridor and build gold resources



# PACGOLD



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**Managing Director**  
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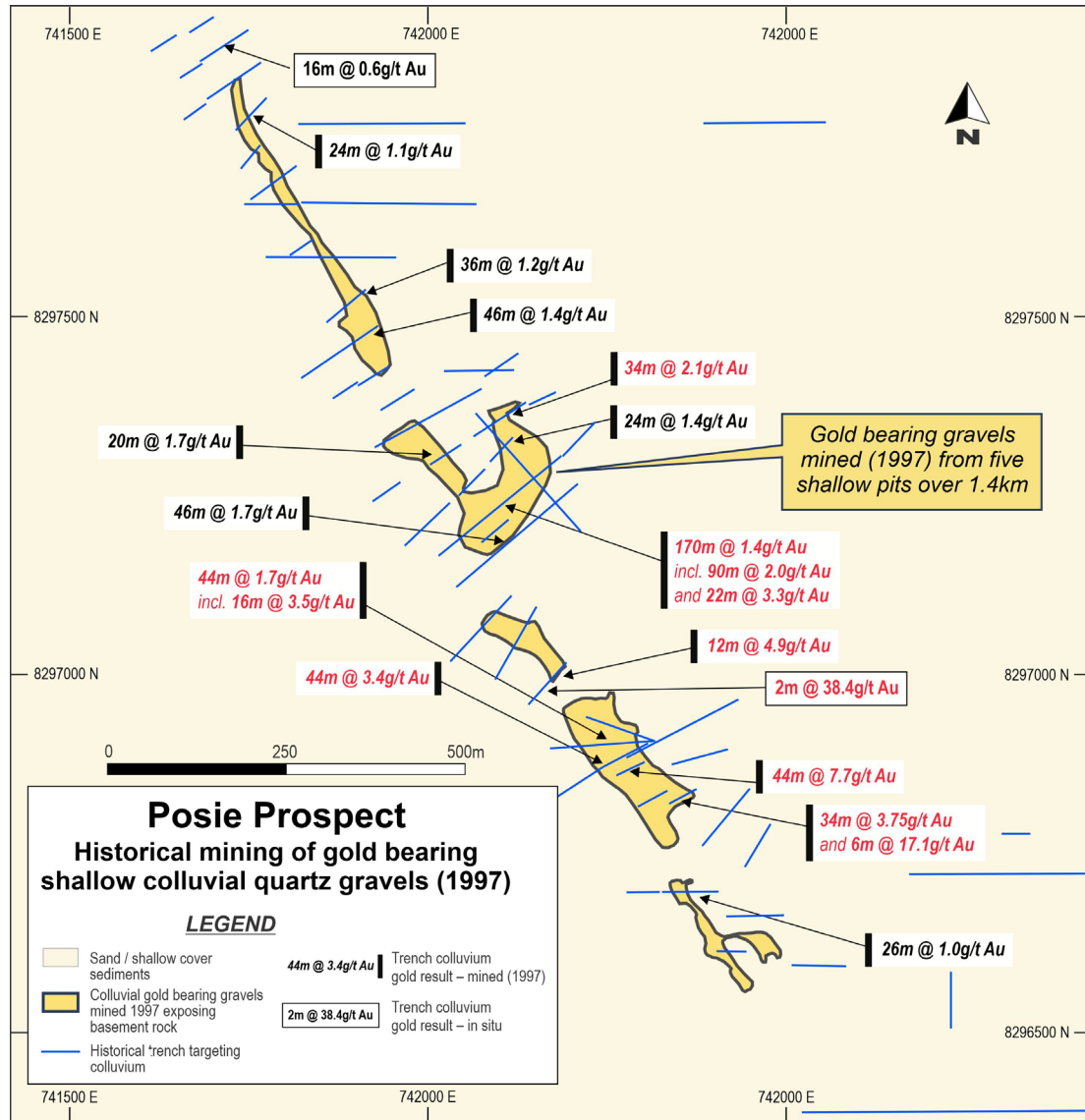
WWW.PACGOLD.COM.AU

# Appendices



# Regional Targets – Posie Prospect

## High priority underexplored gold system



- Posie discovered in the late 1980s with trenching defining a surface layer of gold-bearing quartz gravel (colluvium) up to 1.5m thick
- Trenching defined five zones of colluvial Au which were mined in 1997; approximately 3000oz of gold recovered
- Gold results (colluvium now mined) from trenching include:
  - 44m @ 7.7g/t Au
  - 34m @ 3.8g/t Au incl. 6m @ 17.1g/t Au
  - 170m @ 1.4g/t Au incl. 90m @ 2.0g/t Au and 22m @ 3.3g/t Au
- Limited drilling completed prior to mining intersected quartz veining below the colluvium - gold results including:
  - 2m @ 26.1g/t Au from 46m (PDH02A)
  - 4m @ 11.5g/t Au from 23m (POD01)
  - 4m @ 4.7g/t Au from 42m (PDH04)
- No exploration undertaken at Posie from 1997 to 2022

# Experienced Board & Management

Discovery | Project Financing | Mine Development

## **Cathy Moises** Non-Executive Chair

Geologist with over 30 years' resource finance experience, including senior roles for several of the most prominent stockbroking firms in Australia. Director of ASX-listed companies (ASX: ARU, APC, WAK and POD).



## **Michael Pitt** Non-Executive Director

Co-founder of New Century Resources, playing an instrumental role in the restart of the Century zinc mine. Strong background in chemical engineering, project financing and management, and business development.



## **Shane Goodwin** Non-Executive Director

Extensive experience in mining corporate affairs and external relations for New Century Resources, MMG and Barrick Gold. Currently a Director of the Aboriginal Development Benefits Trust (Gulf of Carpentaria).



## **Tony Schreck** Managing Director

Geologist with over 35 years' precious and base metal exploration, business development and discovery experience (Australia and overseas) combined with extensive ASX-listed corporate management. Graduate of the Australian Institute of Company Directors.



## **Geoff Lowe** Exploration Manager

Geologist with over 35 years of precious and base metal exploration, business development, project management and mining services experience in Australia and internationally.



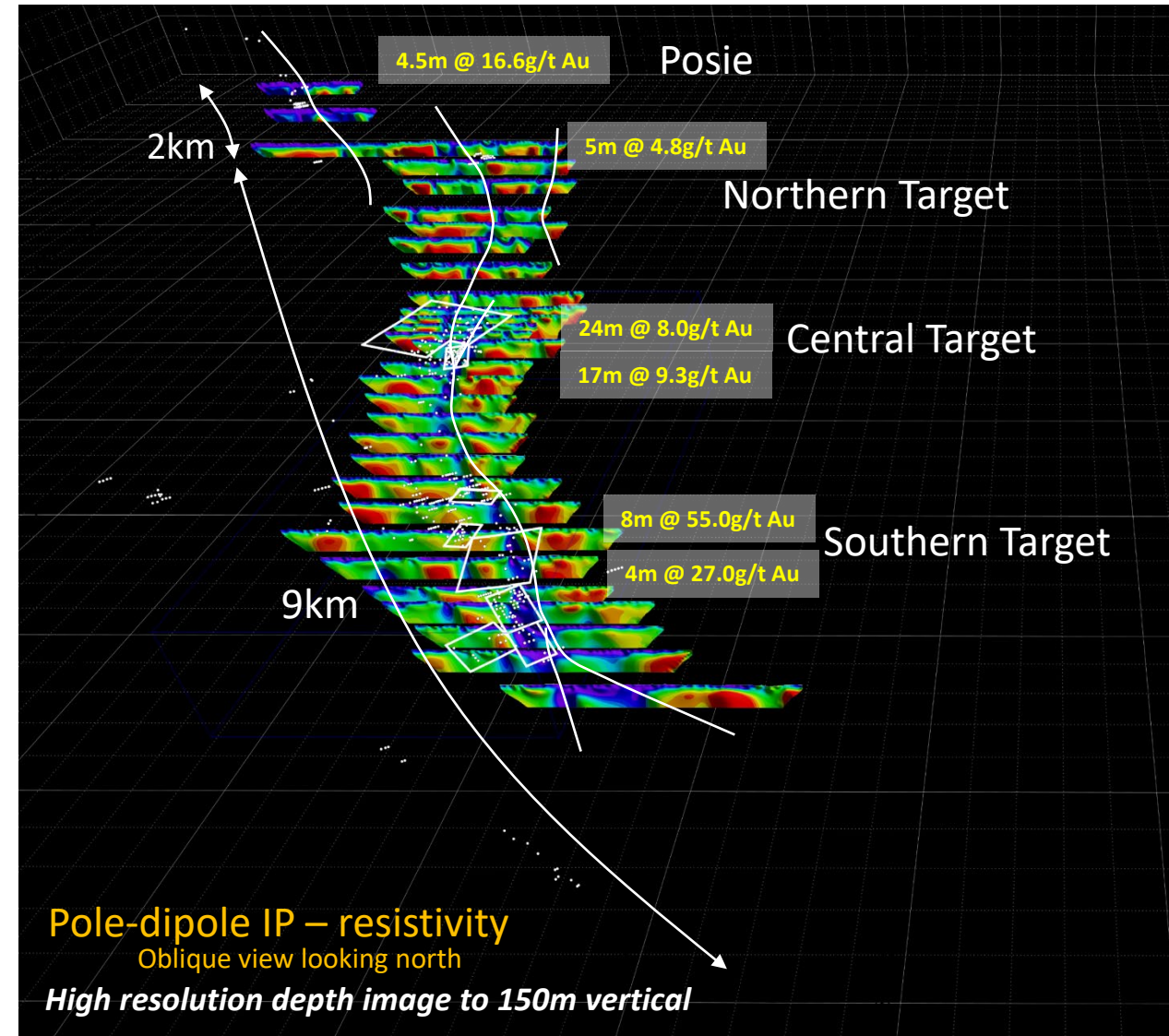
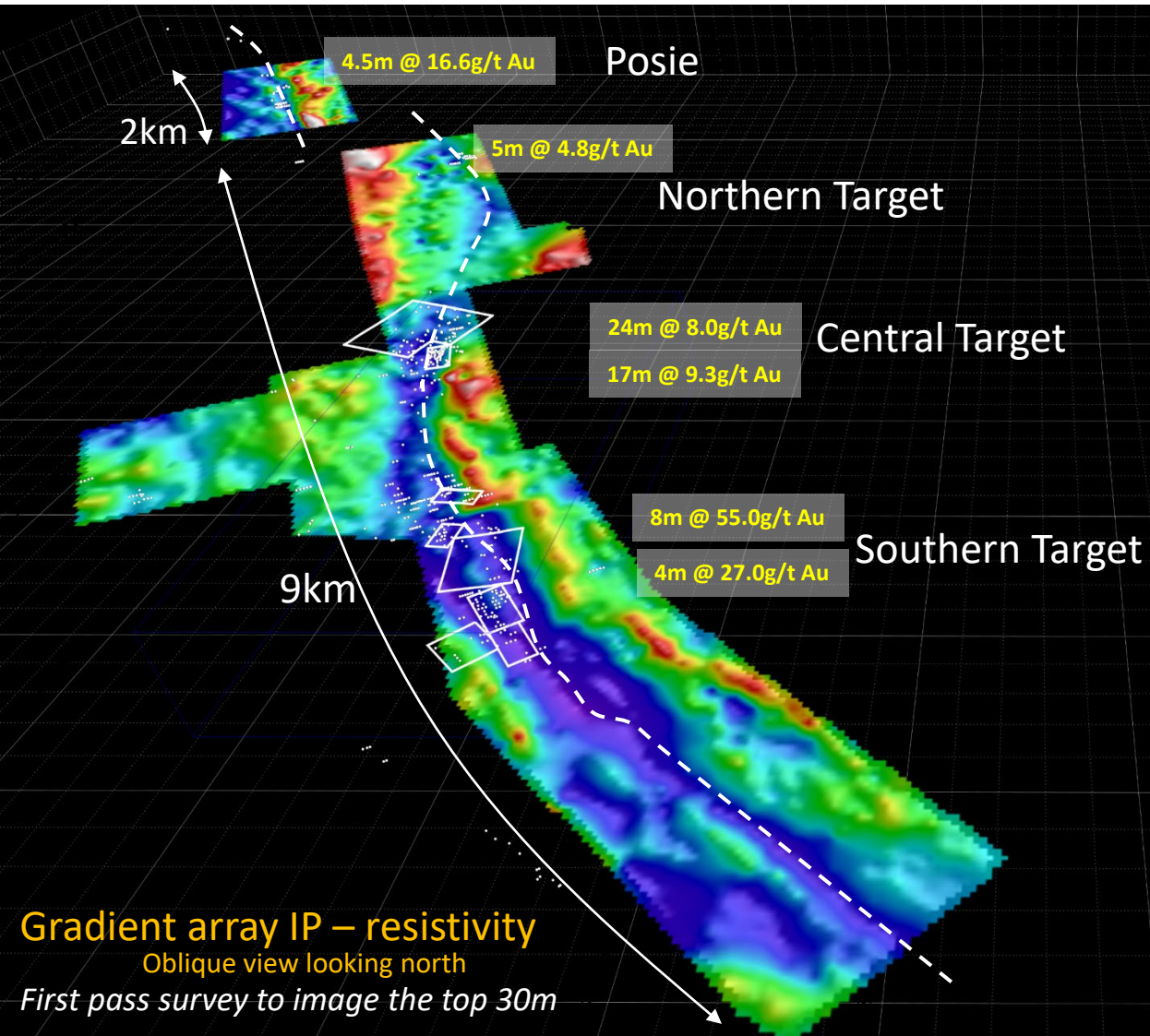
## **Suzanne Yeates** CFO & Company Secretary

Chartered accountant with over 20 years' experience as Chief Financial Officer and Company Secretary for many private and ASX-listed companies including ASX: NVX, CML, GAS, IHR and CTD.



# IP Resistivity Geophysics

Success targeting resistivity lows (blue-purple) defining mineralised fault zone – First detailed IP survey



# Donlin Exploration Model – Intrusion-related gold

Success applying the Donlin model to the Alice River Gold Project

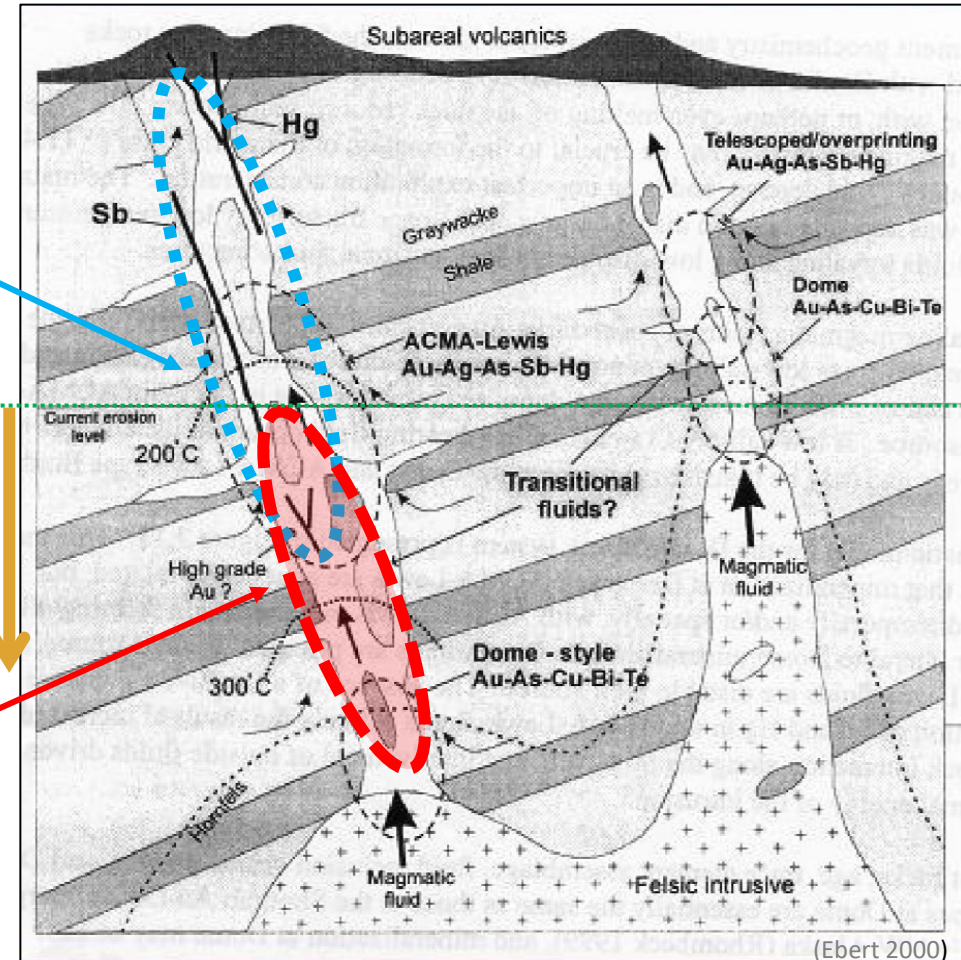
## Drill core Alice River Gold Project

### 1. Early-stage – ‘dark grey’ quartz (As – Sb – low-grade Au)



### 2. Late-stage – ‘white’ quartz (high-grade, visible Au)

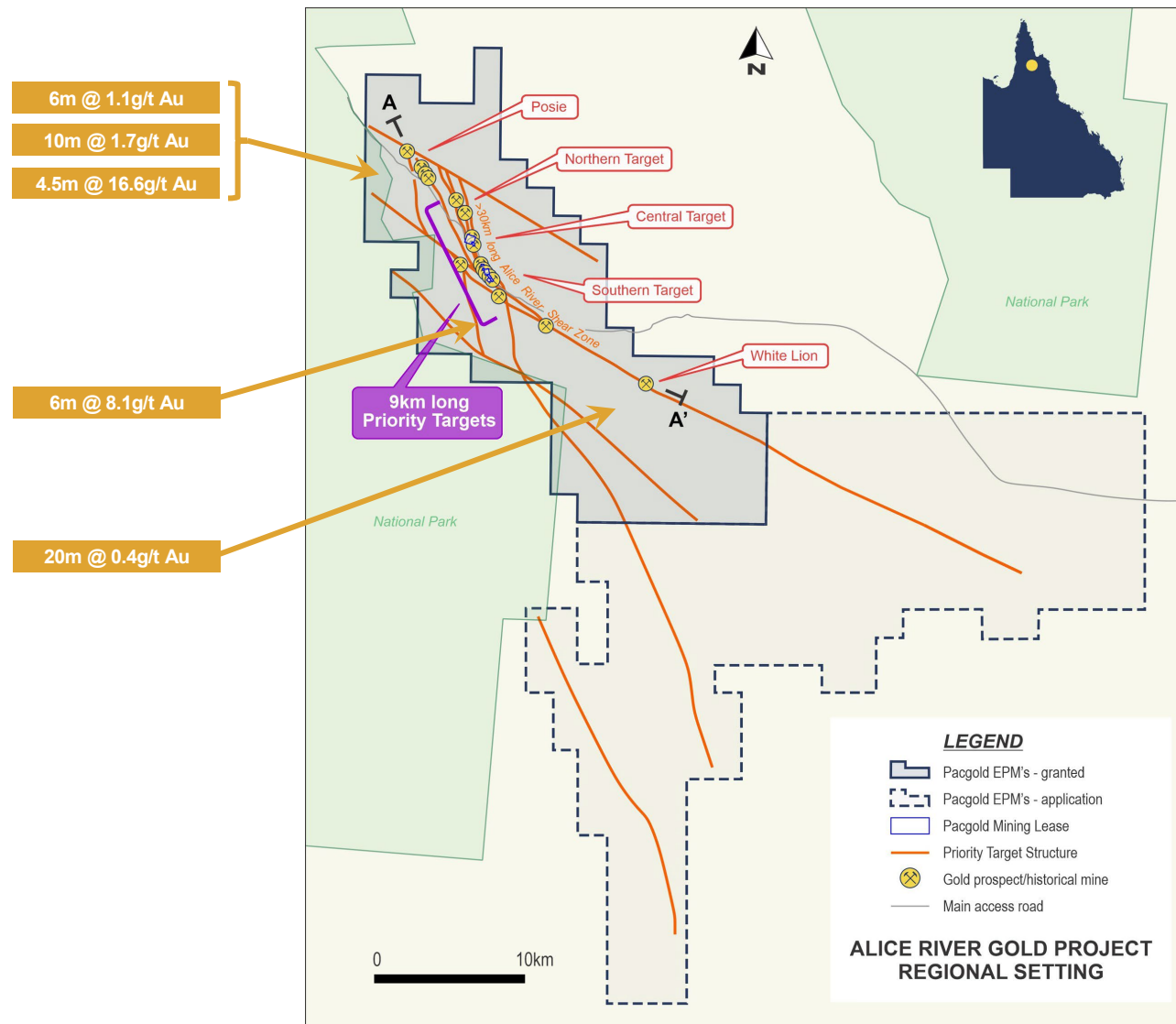
## Donlin Gold Model (Tier 1 deposit in Alaska)





# Project Pipeline – regional structures

Excellent regional prospectivity – district-scale opportunity



## First-mover advantage

- Pacgold first to apply new geophysics methods to an entire, previously underexplored corridor

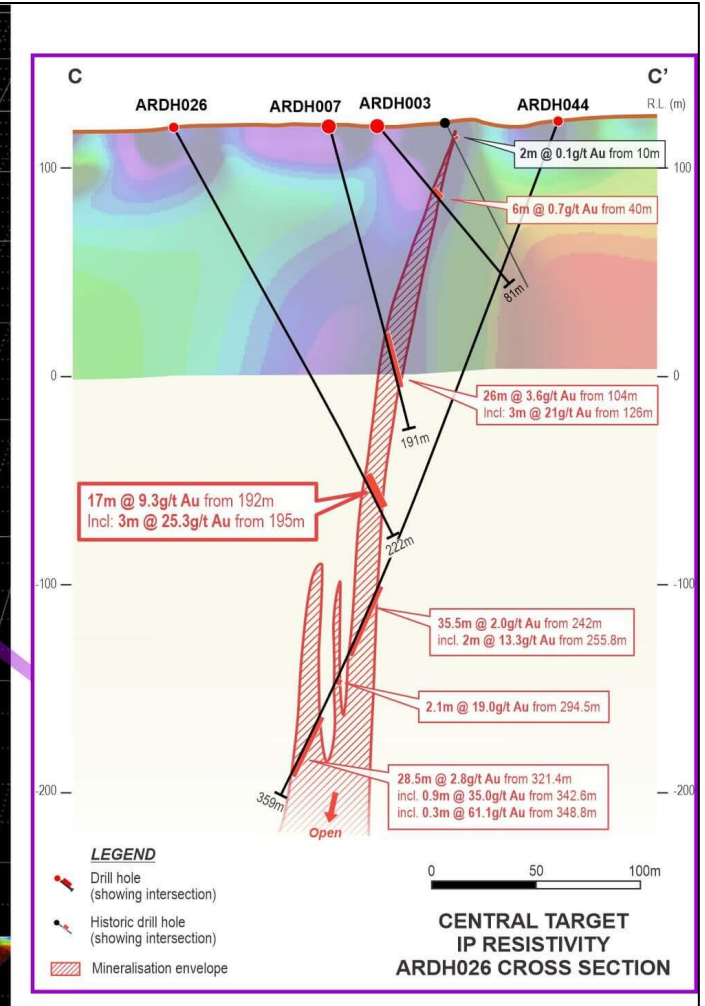
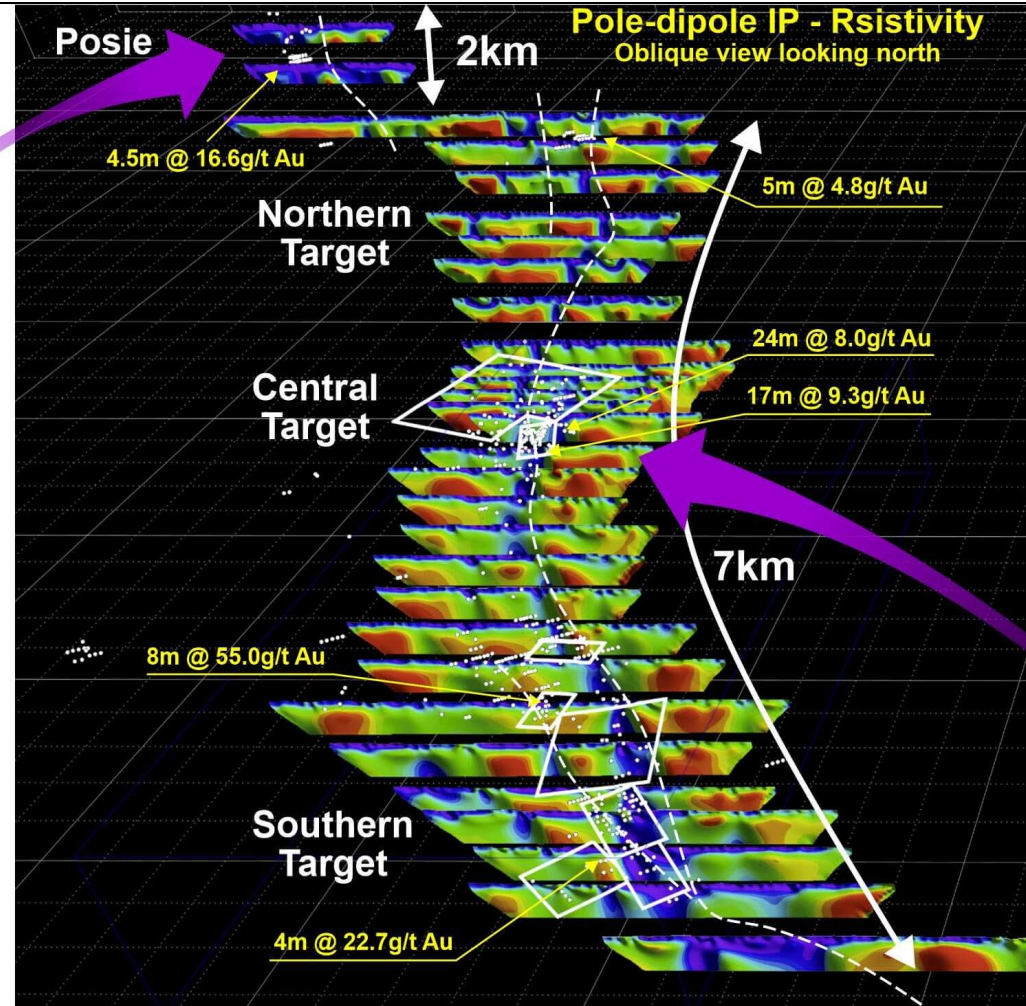
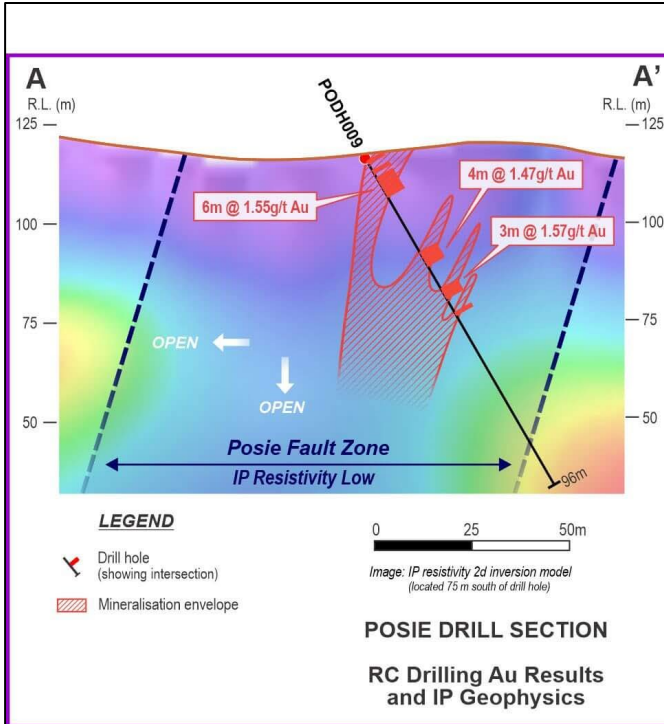
## Excellent historical scout drill results

- Multiple gold mineralised regional structures now identified over 30km



# IP Resistivity Geophysics

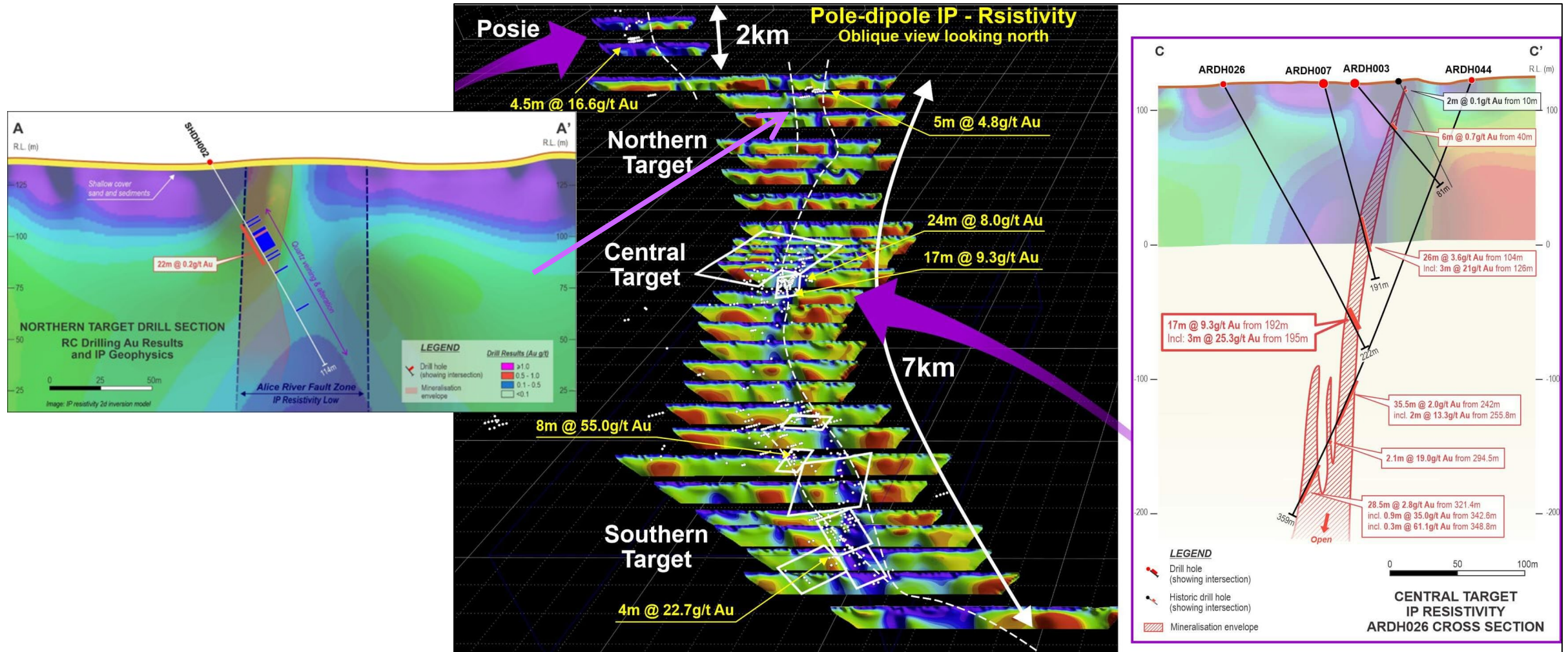
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