



# LARGE SCALE, HIGH GRADES AND GROWING FAST

## West Africa's Most Exciting Gold Project

JULY 2021

ASX:PDI



# Forward Looking Statements & Disclaimer

This presentation contains only a brief overview of Predictive Discovery Ltd and its associated entities (“PDI or Predictive”) and their respective activities. The contents of this presentation, including matters relating to the geology of the projects, may rely on various assumptions and subjective interpretations which it is not possible to detail in this presentation and which have not been subject to any independent verification.

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## Competent Person Statement

Mr Paul Roberts is a full-time employee of the company and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined by the 2012 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Mr Roberts consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The Company has released all material information that relates to Exploration Results on a continuous basis to ASX and in compliance with JORC 2012. The Company confirms that it is not aware of any new information that materially affects the content of this release.





# Corporate Overview



SHARES  
ON ISSUE

1,350m

CASH

A\$28m

MKT CAP  
(A\$0.16)

A\$216m

## Board & Management

### PAUL ROBERTS

BSc, MSc, FAIG

#### Managing Director

Paul is a geologist with 11 years experience working in West Africa and is associated with a number of discoveries including the Henty gold deposit in Tasmania, and the PDI Bankan discovery.

### FRANCIS HARPER

#### Non-Executive Chairman

Currently Chairman and major shareholder of Tietto (ASX: TIE) and founder and co-owner of Blackwood Capital, which has raised over \$A1B for mining and industrial stocks since founding. He was formerly Chairman and major shareholder of West African Resources (ASX: WAF)

### ANDREW PARDEY

#### Non-executive Director

Formerly CEO of LSE/TSX listed Centamin plc, the owner of the 450koz pa Sukari Mine. A geologist with extensive mine and development experience in North and West Africa. Currently Chairman of Tanga Resources Limited (ASX: TRL) and non-executive director of Marvel Gold Limited (ASX: MVL)

### STEVEN MICHAEL

#### Non-executive Director

Steven has over 25 years' experience in the global resources sector specialising in corporate finance and equity capital markets. Currently Non-Executive Director of Tanga Resources Limited (ASX: TRL)

### BARRY MURPHY

B.A, Hons, Ph.D

#### Chief Geologist

Barry is a structural geologist with 10+ years experience working in West Africa with experience in Australia, Sudan, DRC, South America, Indonesia and Europe. Barry played a major role in the regional targeting work that led to the Kaninko discovery.

### AIME NGANARE

MSc, MBA

#### Principal Geologist

Aimé has over 18 years of experience in orogenic gold exploration in Central and West Africa, including his role as General Manager of the Geological Survey of the Central African Republic.

### TOP SHAREHOLDERS

11% Capital DI limited

5% Van Eck

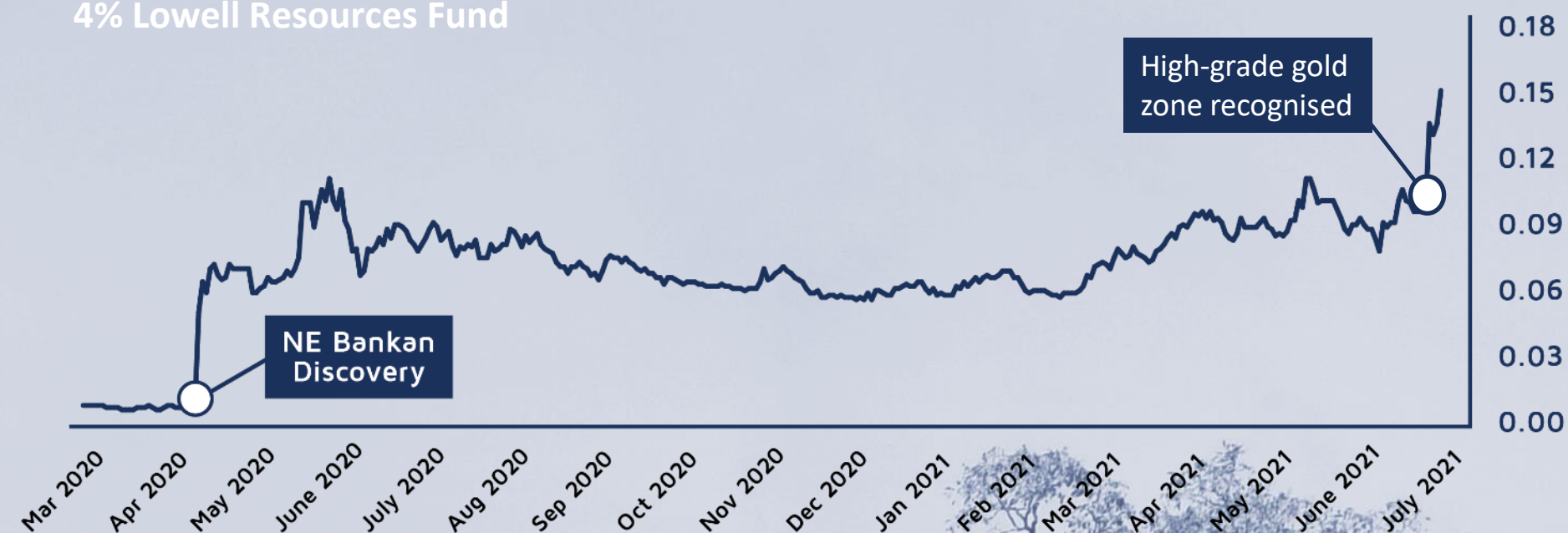
5% Franklin Templeton

4% Lowell Resources Fund

### ANALYST COVERAGE

Sprott | Capital Partners

EUROZ  
HARTLEYS





# High-grade gold in Guinea's prolific Siguiri Basin

## 2 Exciting Gold Discoveries

### NE Bankan

- 1.6km-long zone of shallow oxide gold mineralisation
- Emerging high-grade core
- Gold grades improving with deeper drilling

### Bankan Creek

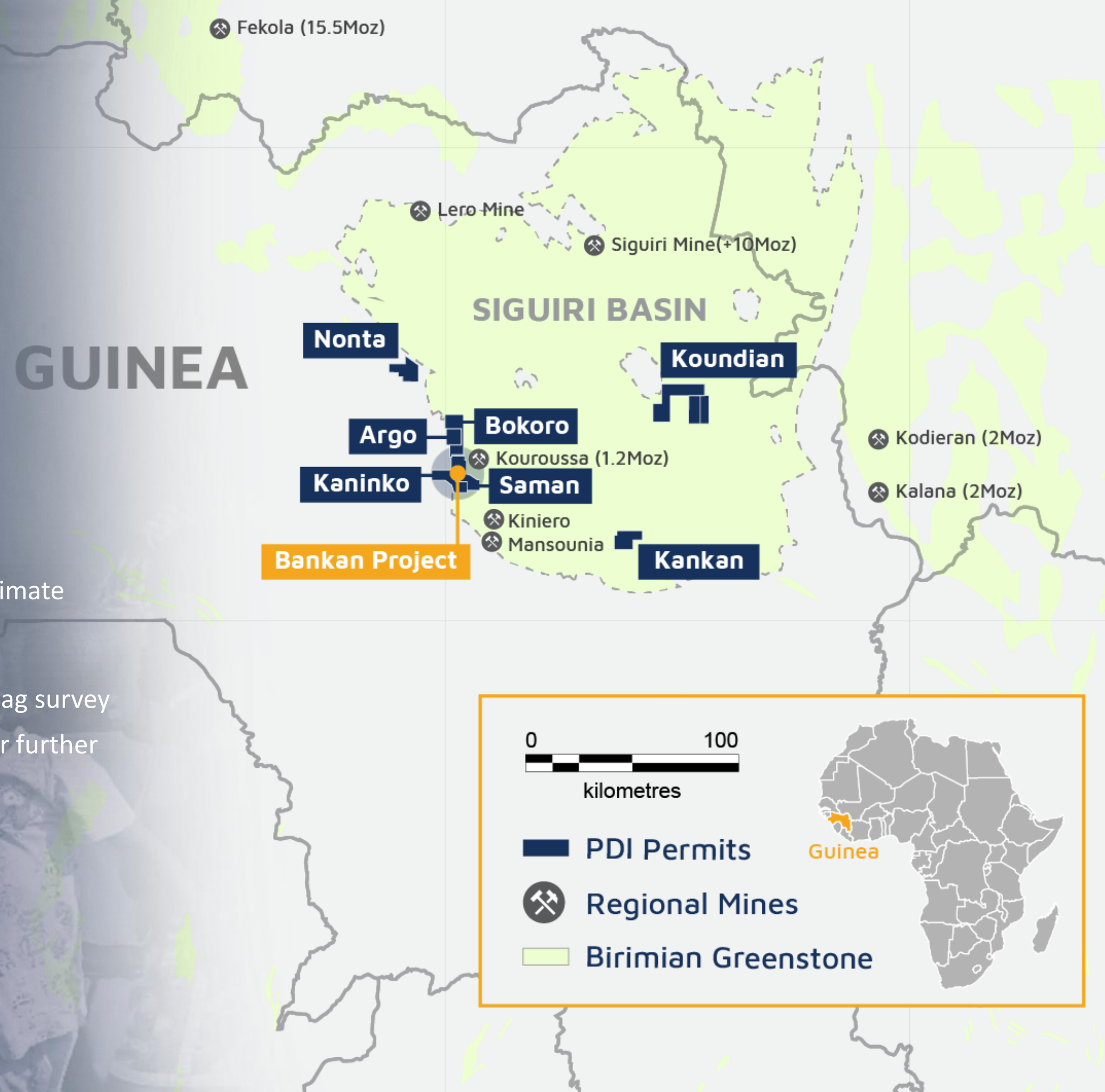
- Located 3km to the west of NE Bankan
- Good grade gold intersected from surface
- Potential to materially contribute to the Mineral Resource Estimate

## Tremendous Regional Potential

- 9 high priority regional gold drill targets identified from aeromag survey
- Bankan remains underexplored with significant opportunity for further greenfield gold discoveries.
- Large regional land position with power auger drilling returning shallow high-grade gold

## Maiden Resource On-track

- +80,000m of drilling completed
- Maiden JORC-compliant Resource due late Q3 2021





# Strengthening our relationship with the Bankan Communities

## Our Social Initiatives

### Bankan Women's Agricultural Program

- Improve the living conditions and empower the women of Bankan Village through development of a large market garden.
- Financial, technical and logistical support.
- Site identification, clearing, fencing, well construction, equipment, seed and fertiliser purchases.

### Children's School Program

- Donation of school supplies to five schools located within the Bankan Gold Project exploration permits.
- School supplies include books, learning materials and stationery.





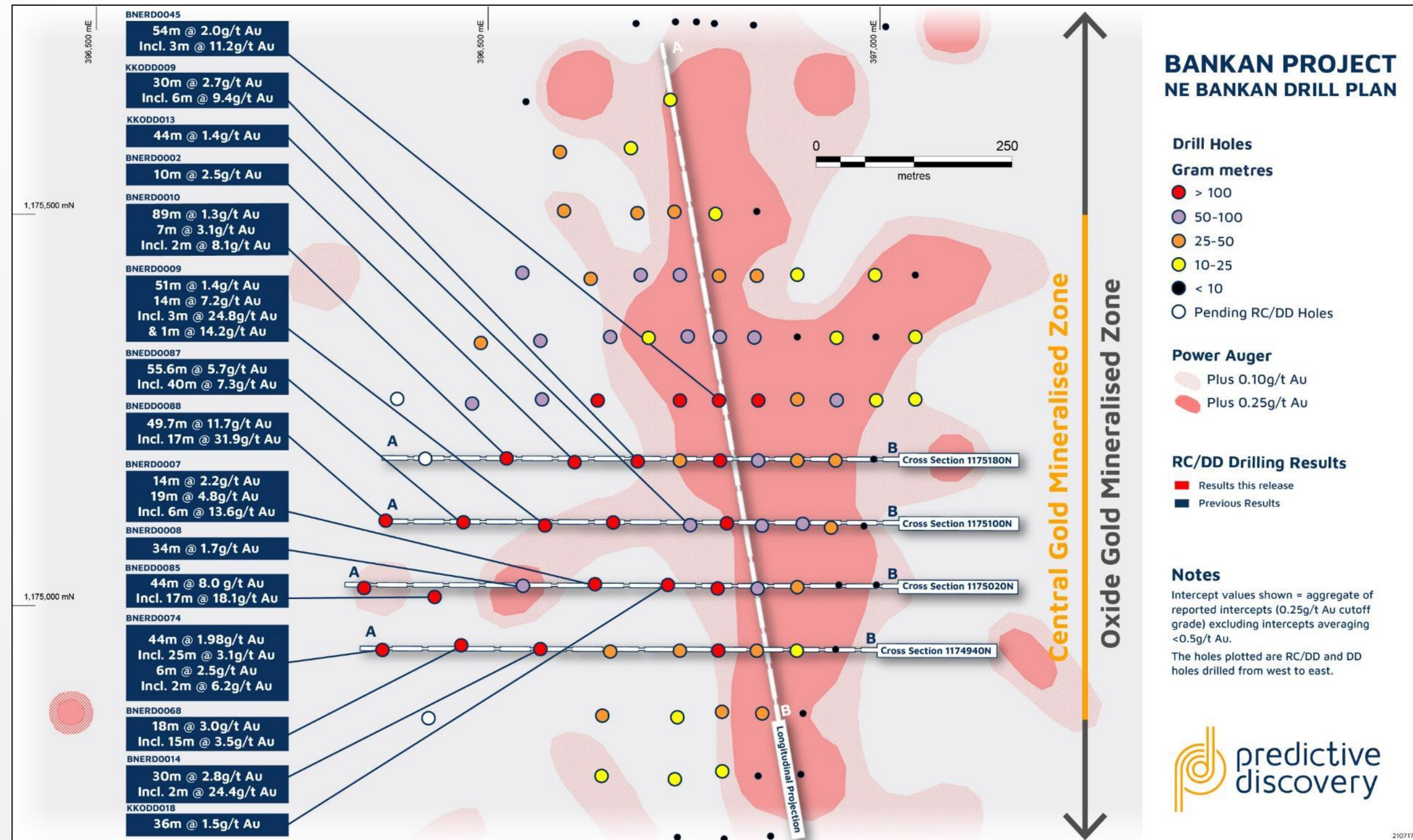
# Bankan Project

## NE Bankan Prospect

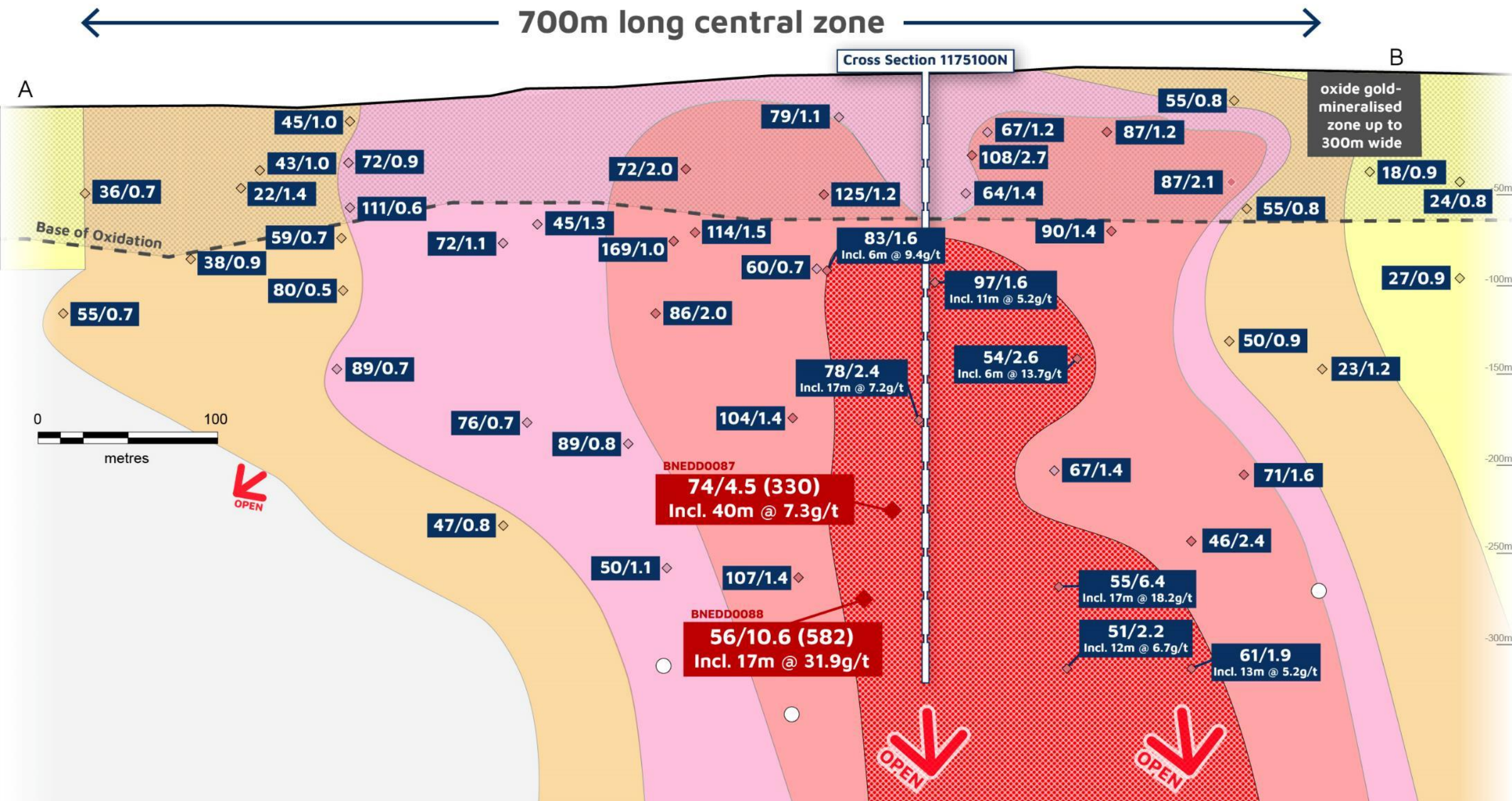
### BROAD WIDTHS & HIGH-GRADES

#### A Major Gold Discovery

- April 20: Discovery hole of **46m @ 6.6g/t** with depth extension in fresh rock subsequently confirmed
- Over 32km of RC/DD/AC drilling completed
- Numerous broad intersections @ 1.5-2.5g/t surrounded by 0.5-1g/t Au halo, with high-grade core at depth
- Gold from surface expected to result in a modest strip ratio, driving robust mining economics
- High-grade core at depth delivers potential to expand resource below 300m vertical depth







- Projected to a vertical plane orientated NNW (see figure 2).
- Results legend: 70/1.0 (70) = 70m (aggregate true widths within the gold mineralised envelope) with length weighted average grade of 1.0g/t Au. Aggregate true width x grade in brackets.
- Intercept values shown = aggregate of true width reported intercepts (0.25g/t Au cutoff grade) excluding intercepts averaging <0.5g/t Au.
- The holes plotted are RC/DD and DD holes drilled from west to east. The majority of gold intercepts in the upper weathered (oxidised) surface layer were obtained in east to west drilling from which true widths cannot be estimated. In addition gold intercepts in the weathered zone extend over a greater lateral width than the gold mineralised envelope in fresh rock.

## NE BANKAN PROSPECT LONGITUDINAL PROJECTION

### RC/DD Results

◆ RC/DD This Release

◇ <25 g\*m

◇ 25-50 g\*m

○ Approx. location of holes with assays pending

◇ 50-100 g\*m

◇ >100 g\*m

▨ Oxide Gold-Mineralised Zone

◇ <25 g\*m

◇ 25-50 g\*m

▨ > 50g\*m (1g/t cutoff | >5g/t ave. grade)

◇ 50-100 g\*m

◇ >100 g\*m



# Bankan Project

## NE Bankan Prospect

Section S1175100

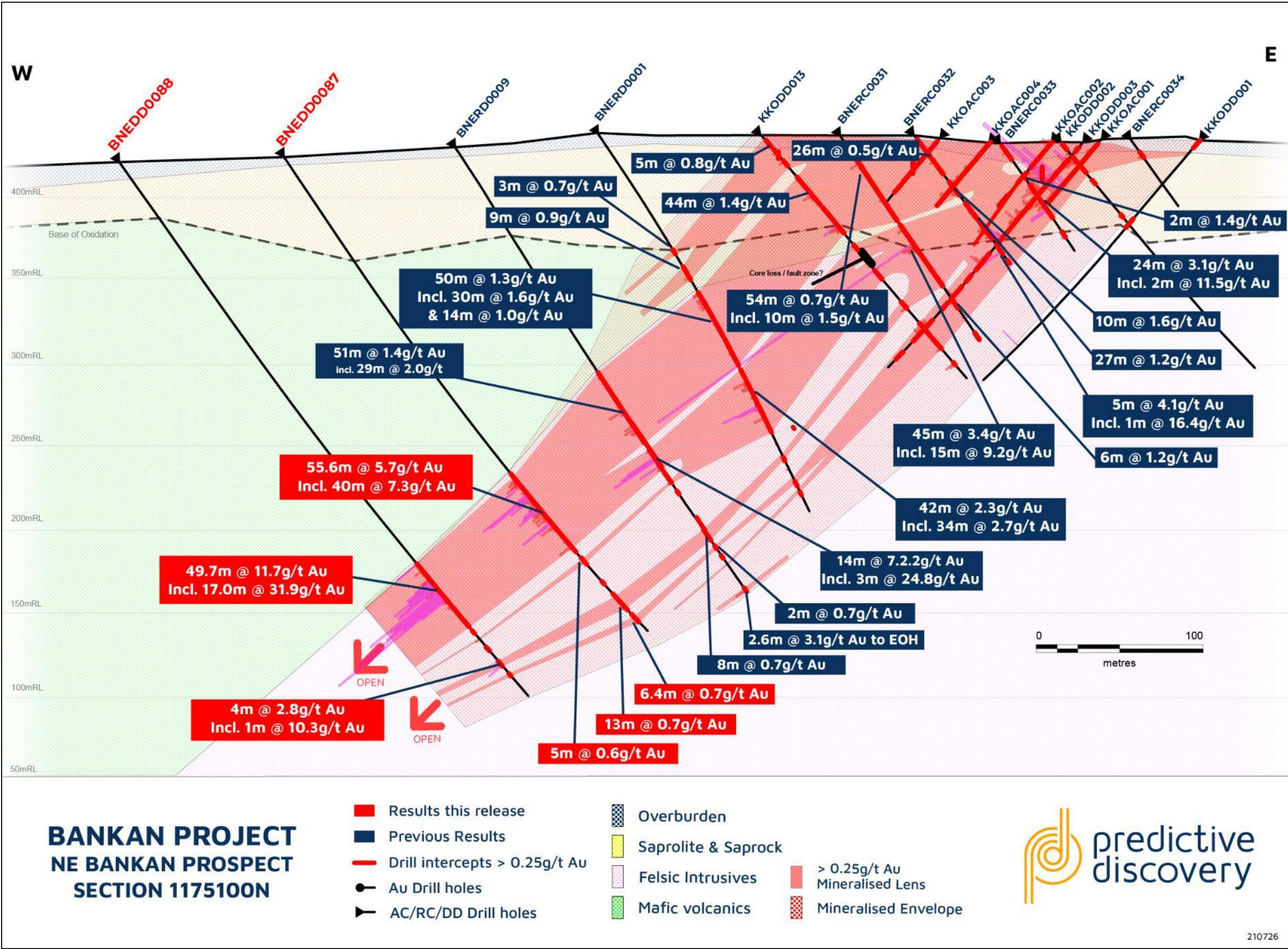
### EMERGING HIGH-GRADE CORE:

#### BNERD0088

- 49.7m @ 11.7g/t Au,  
incl. 17.0m @ 31.9g/t Au  
(incl. 7.0m @ 50.3g/t Au)

#### BNEDD087

- 55.6m @ 5.7g/t Au,  
incl. 40m @ 7.3g/t Au





# Bankan Project

## NE Bankan Prospect

Section S1175020

### OUTSTANDING GRADES AT DEPTH:

#### BNERD0007

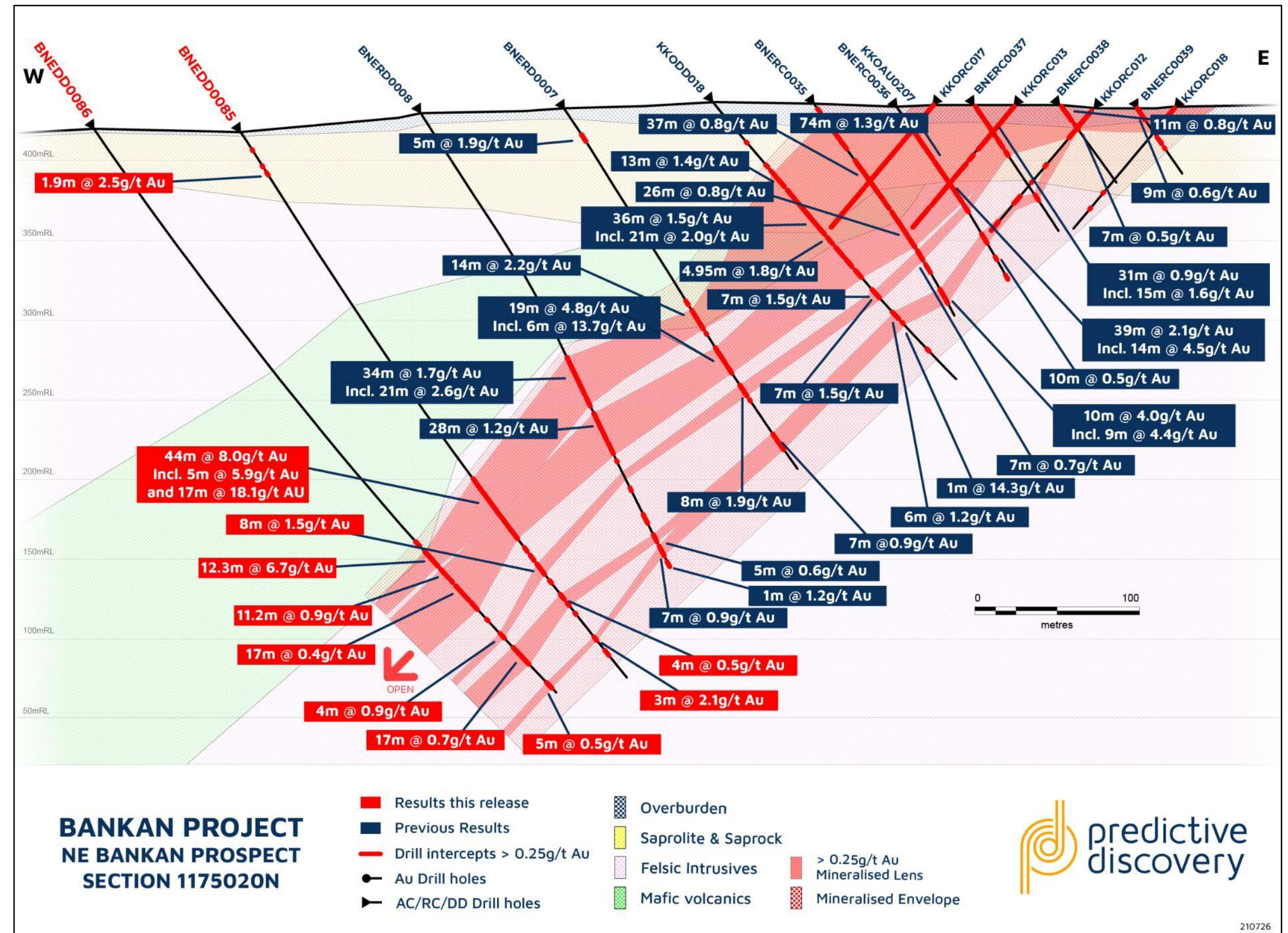
- 14m @ 2.2g/t Au
- 19m @ 4.8g/t Au, incl. 6m @ 13.7g/t Au
- 8m @ 1.9g/t Au

#### BNEDD085

- 44m @ 8.0g/t Au incl. 17m @ 18.1g/t Au

#### BNEDD086

- 12m @ 6.7g/t Au incl. 17m @ 18.1g/t Au





# Bankan Project

## NE Bankan Prospect

Section S1174940

### BNERC0040

- 65m @ 2.7g/t Au

### BNERD0014

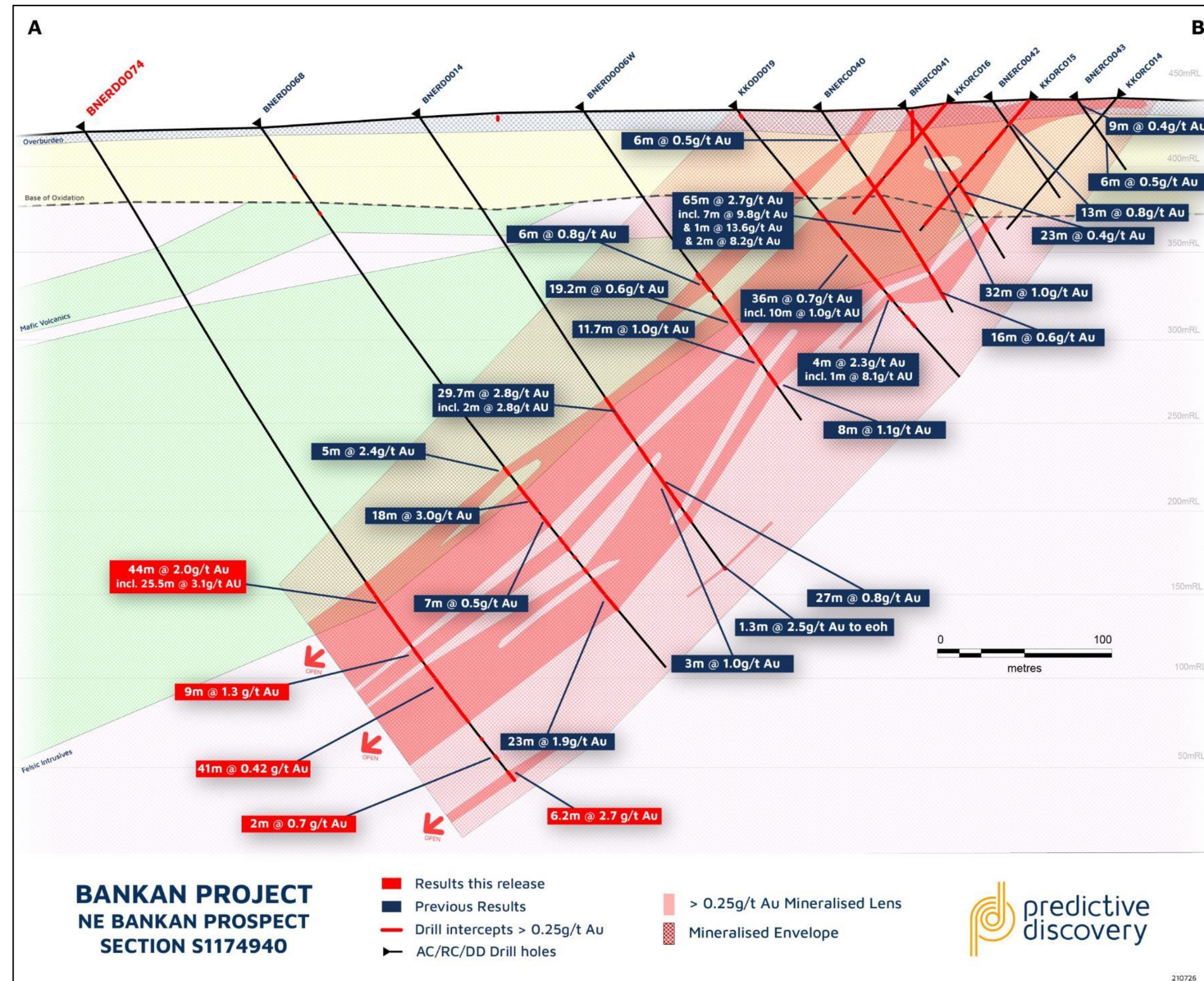
- 30m @ 2.8g/t Au
- 27m @ 0.8g/t Au

### BNERD0068

- 5m @ 2.4g/t Au
- 18m @ 3.0g/t Au
- 23m @ 1.9g/t Au

### BNERD0074

- 44m @ 2.0g/t Au
- 6m @ 2.7g/t Au (to EOH)



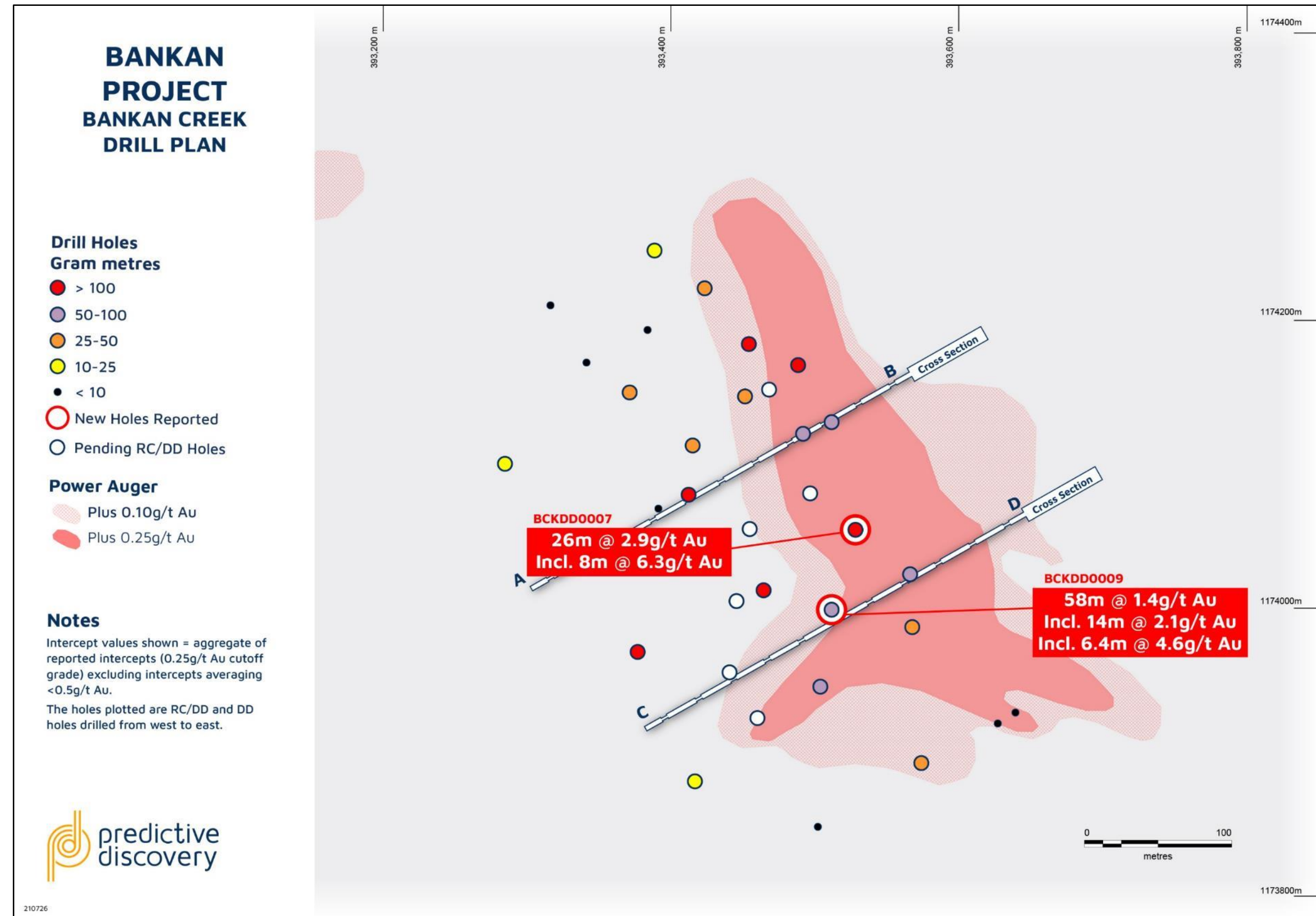


# Bankan Project

## Bankan Creek Prospect

### SATELLITE DEPOSIT

- Gold mineralisation in fresh rock with some high grades, including at depth
- Known strike length approximately 300m with gold mineralised zone open to south and at depth
- Infill RC-DD drilling to help define resources in top 100-150m
- Only 3km from the NE Bankan Discovery
- Gold mineralisation from surface with excellent grades - potential for highly profitable satellite deposit to supplement NE Bankan





# Bankan Project

## Bankan Creek Prospect

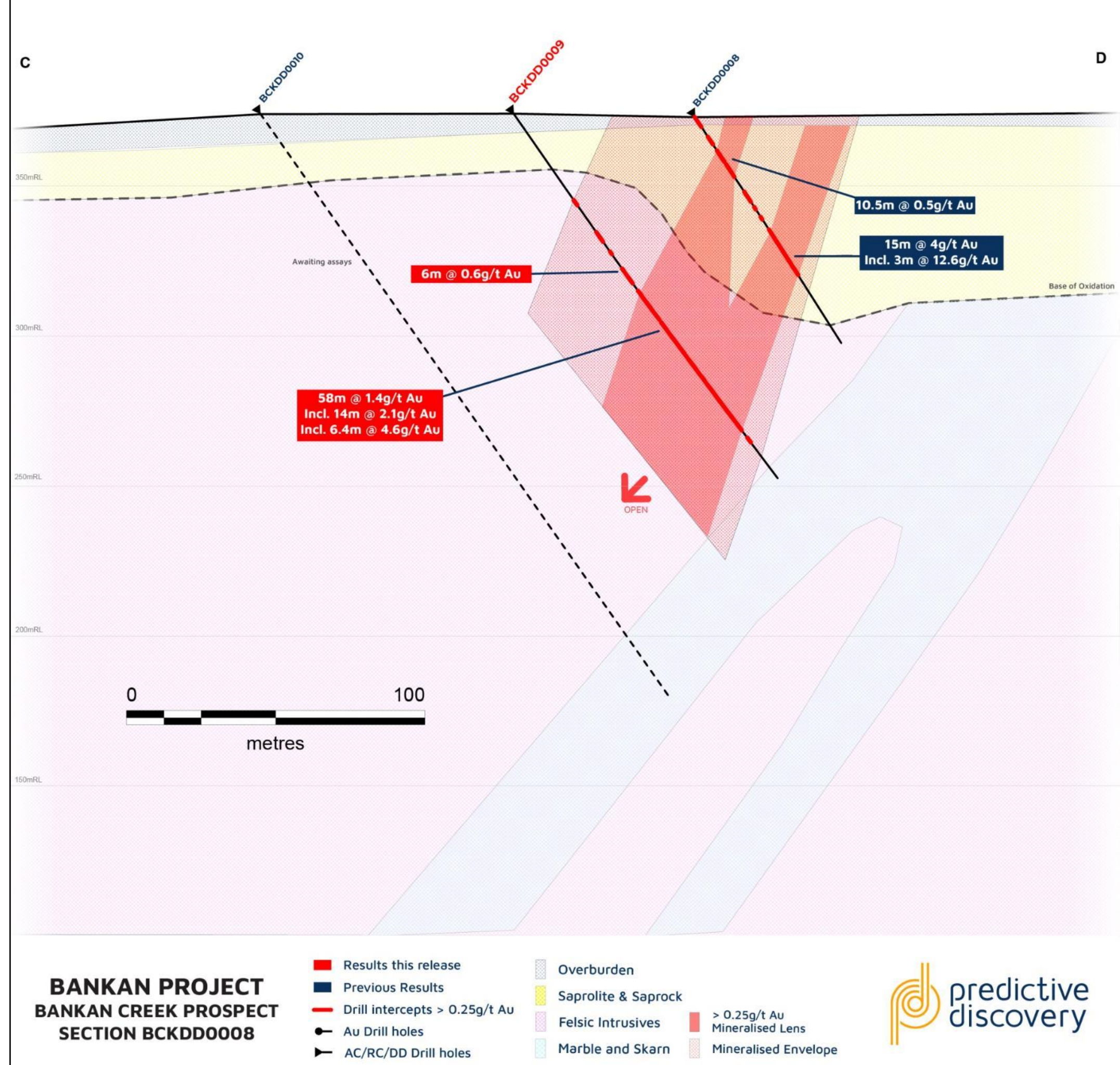
### BROAD WIDTHS INCLUDING HIGH-GRADE GOLD:

#### BCKDD0008

- 15m @ 4.0g/t Au incl. 3m @ 12.6 g/t Au

#### BCKDD0009

- 58m @ 1.4g/t Au incl. 14m @ 2.1g/t Au and 6.4m @ 4.6g/t Au





# Bankan Project

## Bankan Creek Prospect

### BCKDD0002

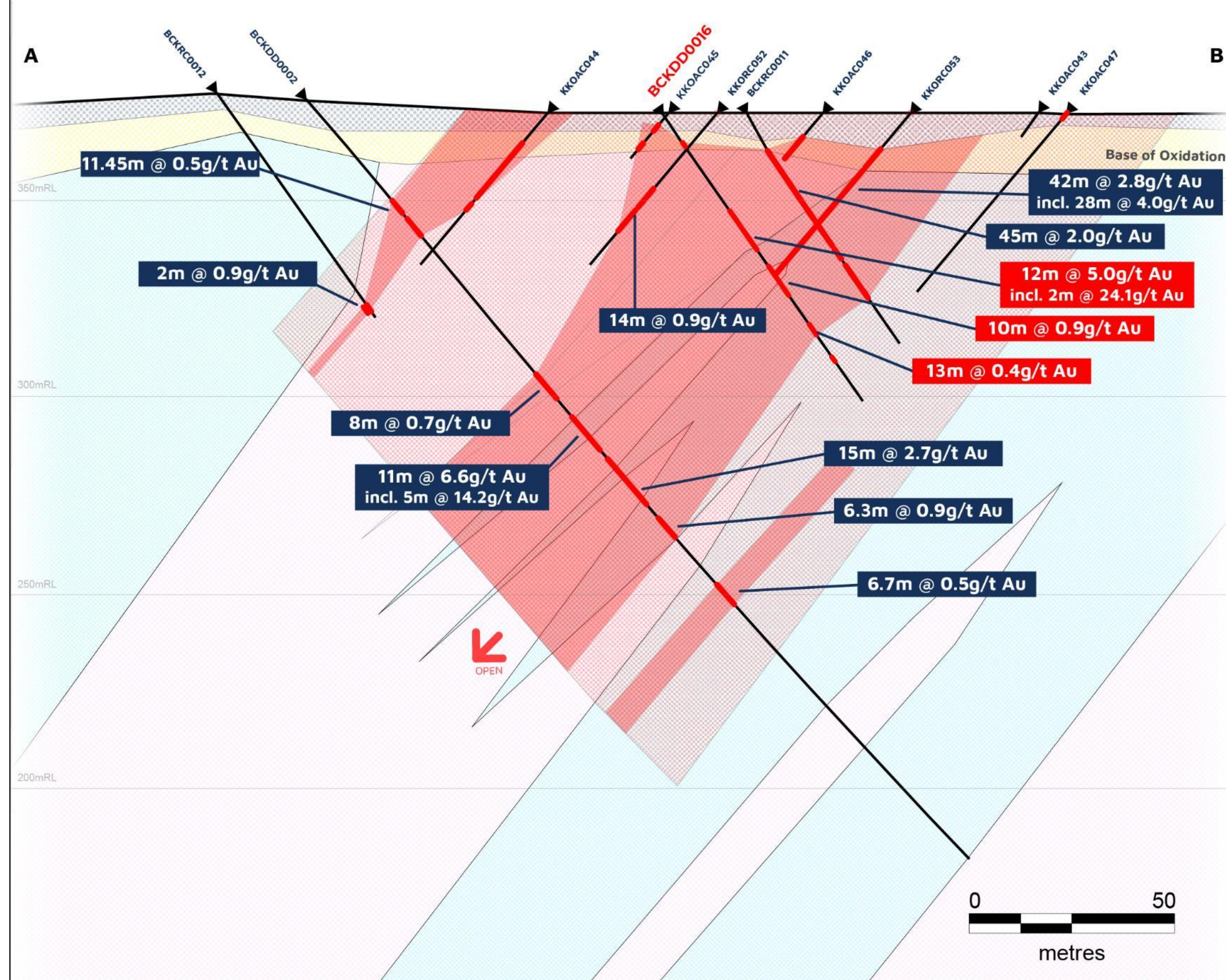
- 11m @ 6.6g/t Au incl. 5m @ 14.2g/t Au
- 15m @ 2.7g/t Au

### BCKDD0016

- 12m @ 5.0g/t Au incl. 2m @ 24.1g/t Au

### BCKRC0011

- 45m @ 2.0g/t Au



### BANKAN PROJECT BANKAN CREEK PROSPECT SECTION BCKDD0002

- Results this release
- Previous Results
- Drill intercepts > 0.25g/t Au
- Au Drill holes
- AC/RC/DD Drill holes

- Overburden
- Saprolite & Saprock
- Felsic Intrusives
- Marble & Skarn
- > 0.25g/t Au Mineralised Lens
- Mineralised Envelope

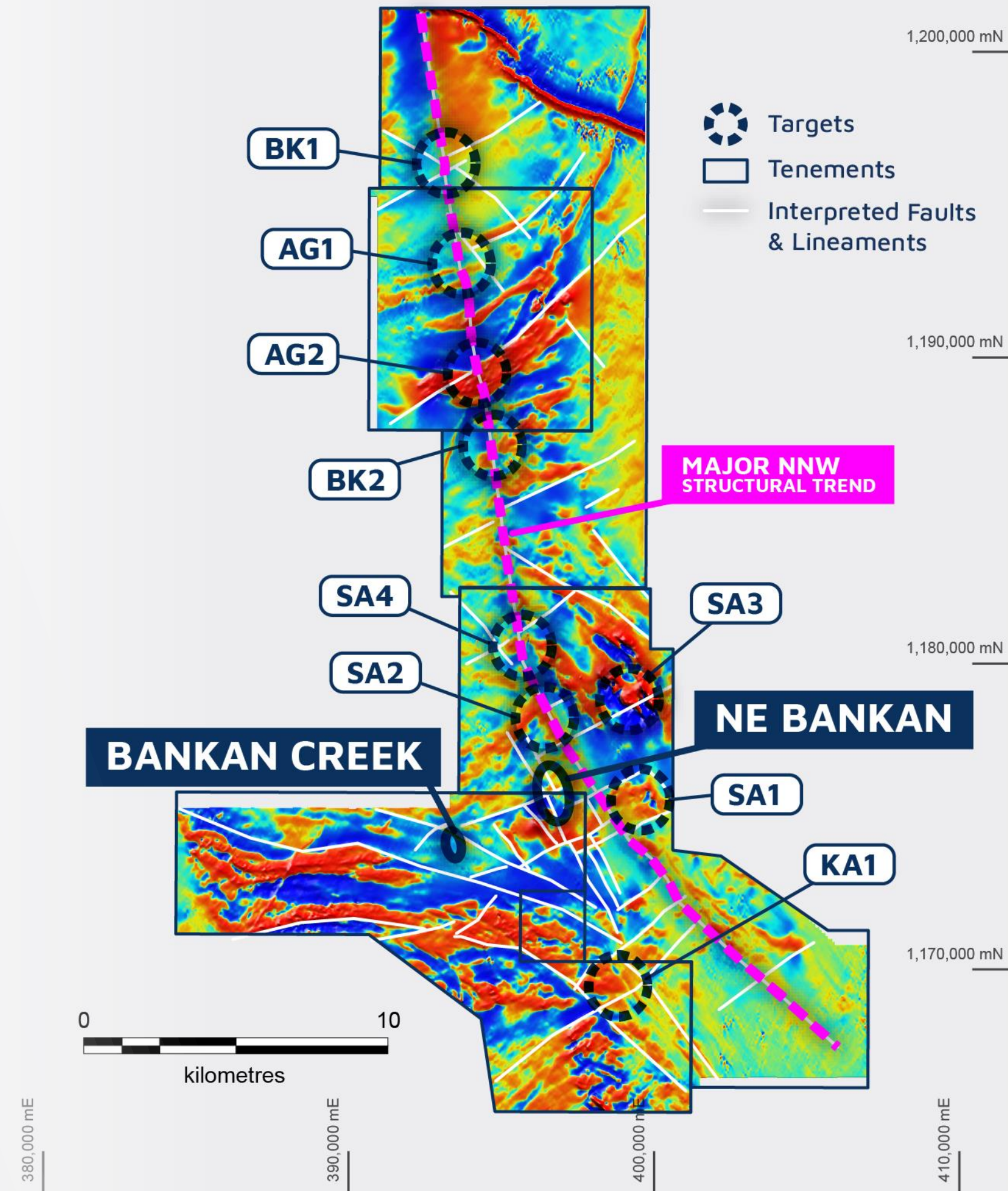


# Room to Grow

## 35km-long Gold Corridor Emerges

### AEROMAG DELIVERS REGIONAL DRILL TARGETS

- 9 high priority regional gold drill targets identified from recently completed aeromagnetic survey, flown across the Bankan Project
- New targets are located on interpreted ENE-WSW faults, crosscutting a newly recognised major 35km-long north-northwest structural corridor
- Structural corridor has potential to host numerous ***“NE Bankan-style”*** discoveries.
- Lithological and structural elements controlling gold mineralisation at NE Bankan have provided a new model for gold discovery

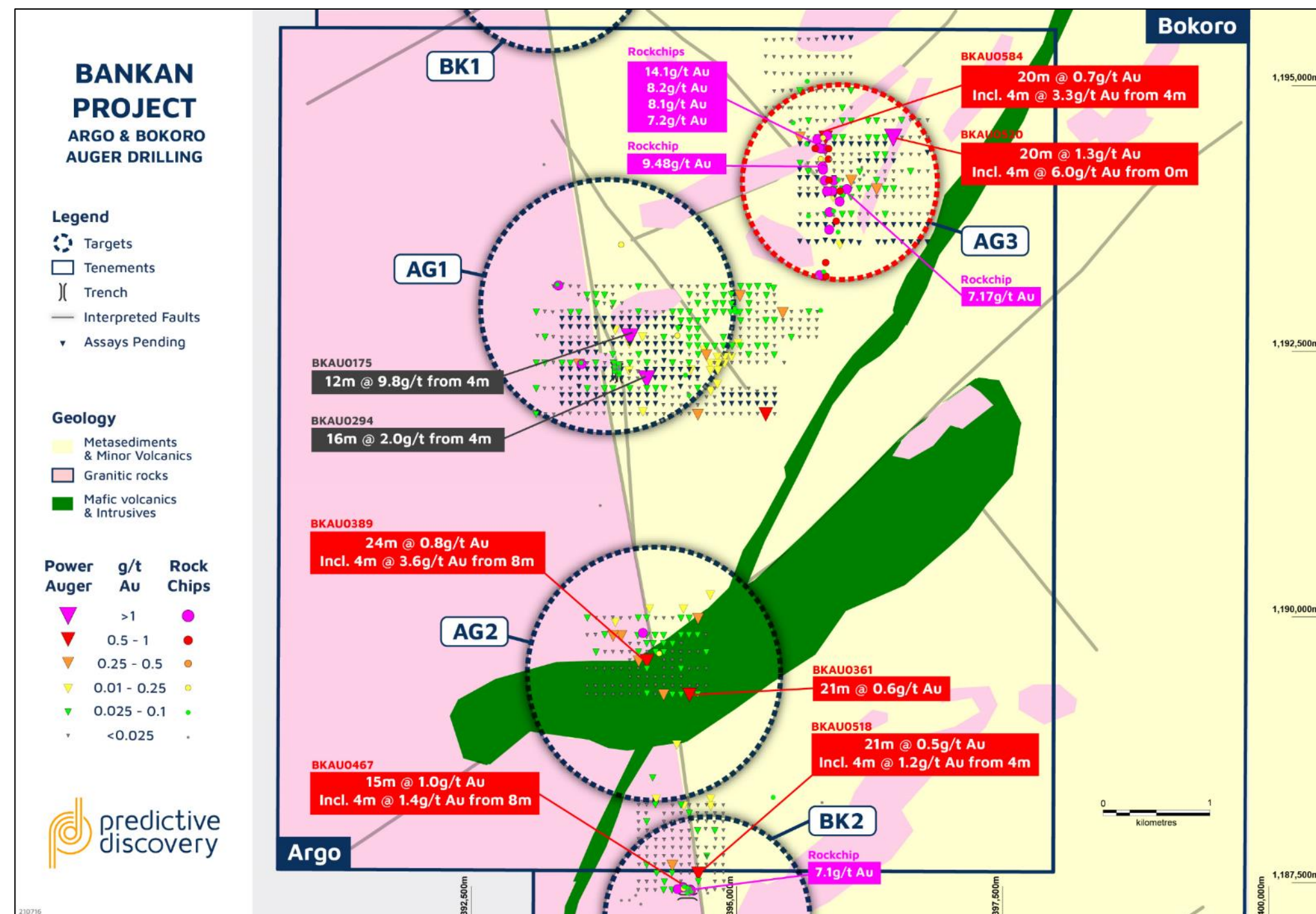




# Auger Drilling and Rock Sampling finds new gold mineralisation and high grades

## AUGER DRILLING DELIVERS IMMEDIATE RESULTS

- 15,000m of regional power auger drilling now underway, with grids testing nine new targets designed to outline further gold auger footprints.
- Bankan on 358km<sup>2</sup> of ground – to date auger drilling has tested less than 10% of area.





# Koundian Project

Strategically located along strike from the Managem Group's 2Moz Tri-K gold deposits

- Power auger drilling has returned shallow high-grade gold along a corridor of interpreted NE orientated structures:

## KDNAU0473

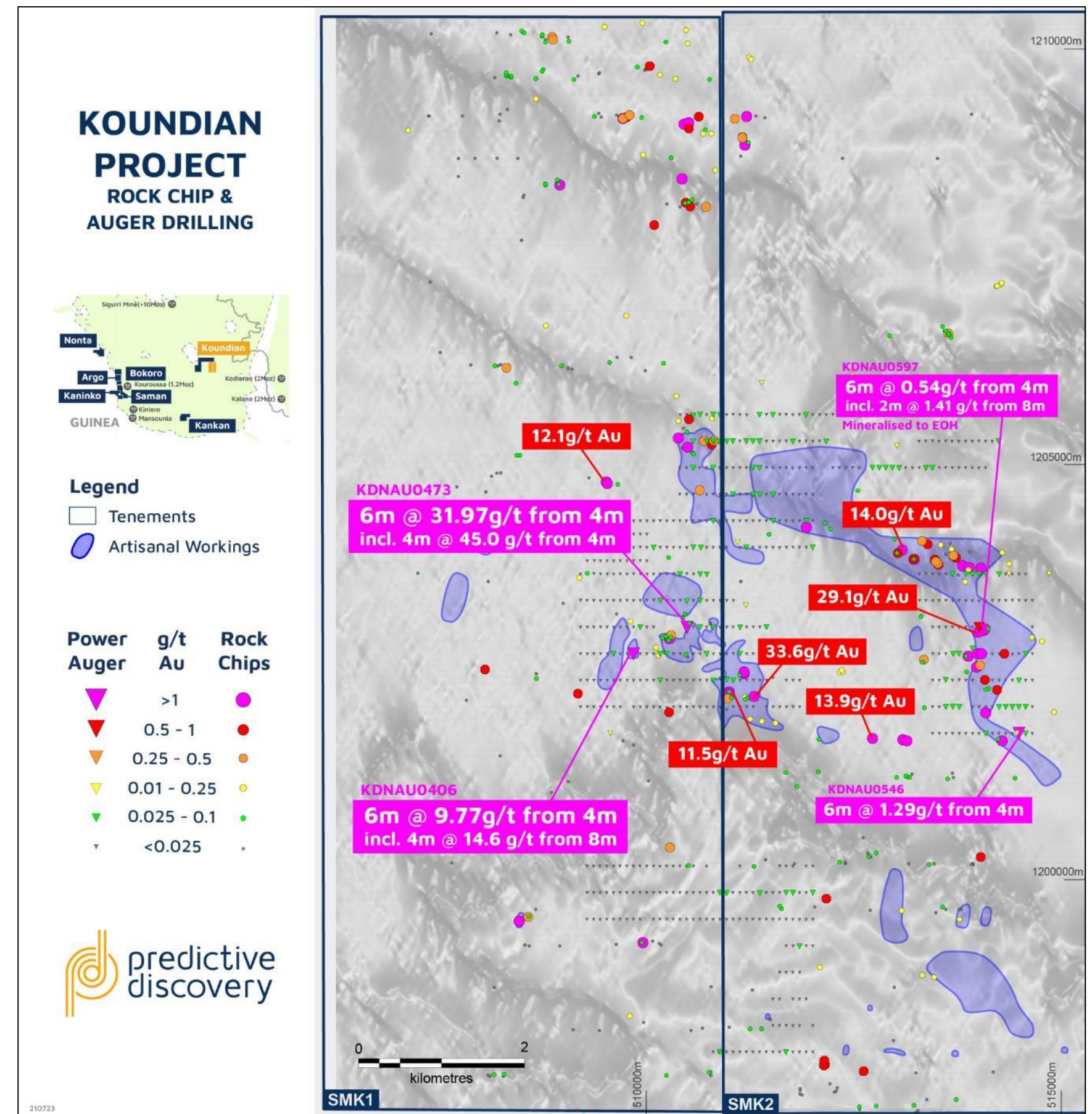
- 6m @ 32.0g/t Au from 4m (to EOH), incl.
- 4m @ 45.0g/t Au from 4m

## KDNAU0406

- 6m @ 9.8g/t Au from 4m (to EOH)

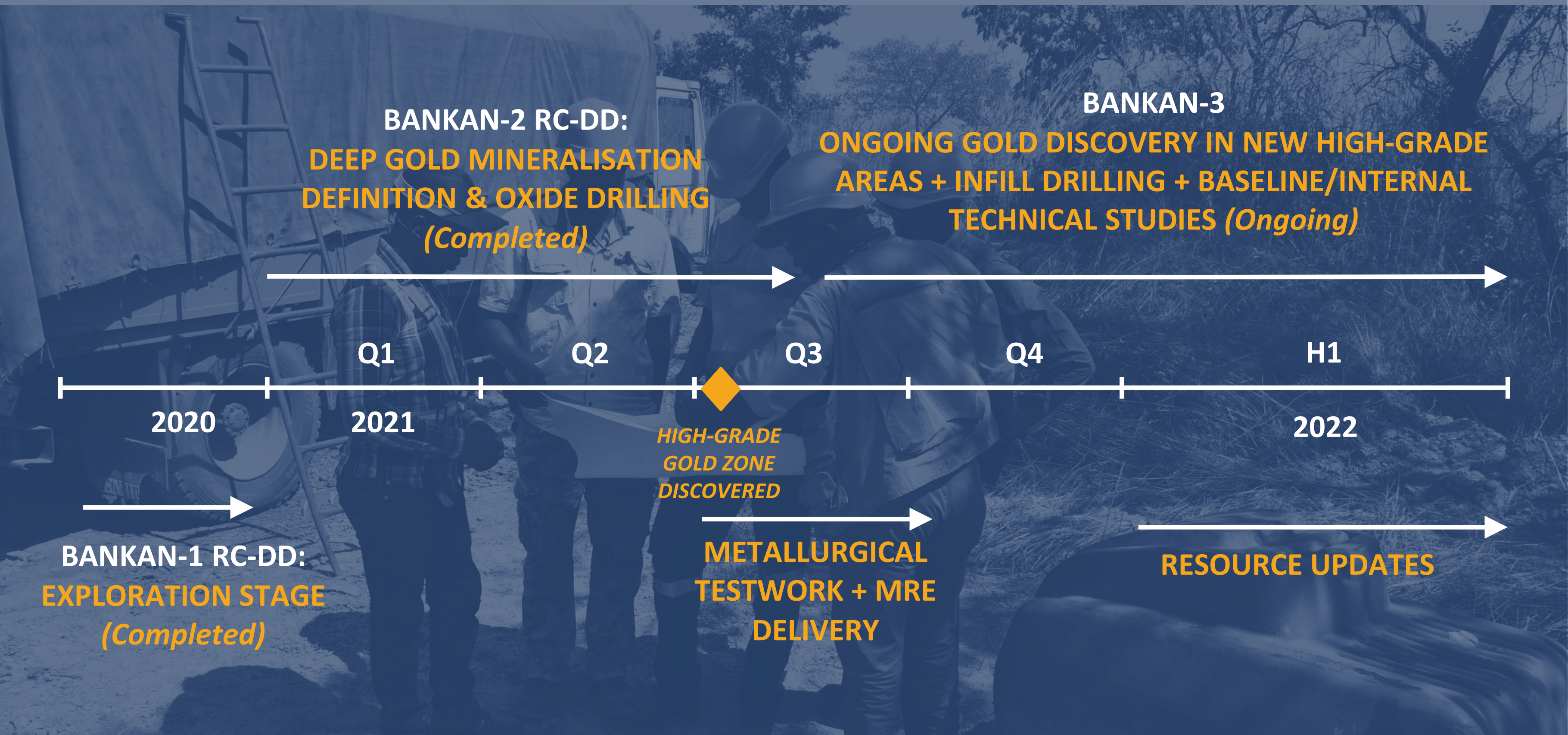
## KDNAU0546

- 6m @ 1.3g/t Au from 4m (to EOH)





# Bankan Project Timeline





# Rapidly Advancing Bankan Towards Development



## Current Bankan Resource Drilling Complete

>80,000m of  
drilling completed

## Q3 2021 Metallurgical Testwork

Testing both  
weathered & fresh  
gold mineralisation

## Q3 2021 Development Pathway

Drilling designed to  
deliver Maiden JORC-  
compliant Resource in  
September Quarter

## Exciting Exploration Upside

Widespread indications of  
additional gold  
mineralisation within the  
wider Bankan Project.  
Auger drilling &  
aeromagnetic survey are  
assisting in identifying and  
better defining these  
targets

**Enormous valuation upside as Bankan advances and regional exploration continues**





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