



Corporate Presentation  
April 2022

# Disclaimer



## Competent Person's Statement

The information in this statement that relates to the Mineral Resource Estimates is based on work done by Mr Michael Cunningham of Sonny Consulting Pty Ltd, Daniel Guibal of Condor Consulting Pty Ltd and Mr Michael Lowry of SRK Consulting (Australasia) Pty Ltd and Dr Matthew Greentree of Ausgold Limited in 2021.

Dr Greentree is Managing Director and is a Shareholder in Ausgold Limited. Dr Greentree takes responsibility for the integrity of the Exploration Results including sampling, assaying, QA/QC, the preparation of the geological interpretations and Exploration Targets. Dr Michael Cunningham is an option holder in Ausgold takes responsibility for the Mineral resource Estimate for the Dingo, Jackson and Olympia deposits and Mr Daniel Guibal takes responsibility for the Jinkas and White Dam Resources. Mr Michael Lowry takes responsibility for the Mineral Resource Estimates for Datatine deposits.

Dr Cunningham, Mr Guibal, Mr Lowry and Dr Greentree are Members of The Australasian Institute of Mining and Metallurgy and have sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration, and to the activity they are undertaking, to qualify as Competent Persons in terms of The Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code, 2012 edition). The Competent Persons consent to the inclusion of such information in this report in the form and context in which it appears.

## References

This presentation does not contain any new information. Any exploration results referenced in the document have previously been released to the ASX. The following is a summary of relevant information and announcements: Datatine (01/06/18, 13/12/17, 23/03/17, 14/02/17 & 11/04/17), Jackson (28/05/18, 23/03/18 & 28/05/2019, 23/06/2021), Jinkas (16/11/18, 18/05/18, 14/05/18, 03/04/18, 6/03/18, 28/05/2019 & 16/07/2019, 26/01/20, 20/03/20, 31/08/20, 09/07/20, 9/10/20, 29/03/21, 12/05/21, 12/05/21; 23/06/2021; 1/10/2021; 9/10/2021), White Dam (1/9/20; 1/10/2021), Lukin (28/03/18), Rifle Range (17/03/21) and Woodanilling (9/04/21) Dingo (12/05/21; 23/06/2021; 20/07/2021; 27/08/2021; 1/10/2021; 13/02/2022).

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# Investment Highlights

## *Katanning – An Outstanding Whole of Belt Exploration Play*



### Foundation

#### Critical Mass – Large established Resource

- **1.84Moz @ 1.24g/t gold Resource**
- **>1.2Moz** now in the Measured and Indicated category
- **635,000oz added during 2021**
- **Stand-alone gold operation +100kozpa**
- **Excellent metallurgical recoveries**
- Low EV of \$67 per Resource oz – significant upside opportunity relative to peers

### Scale

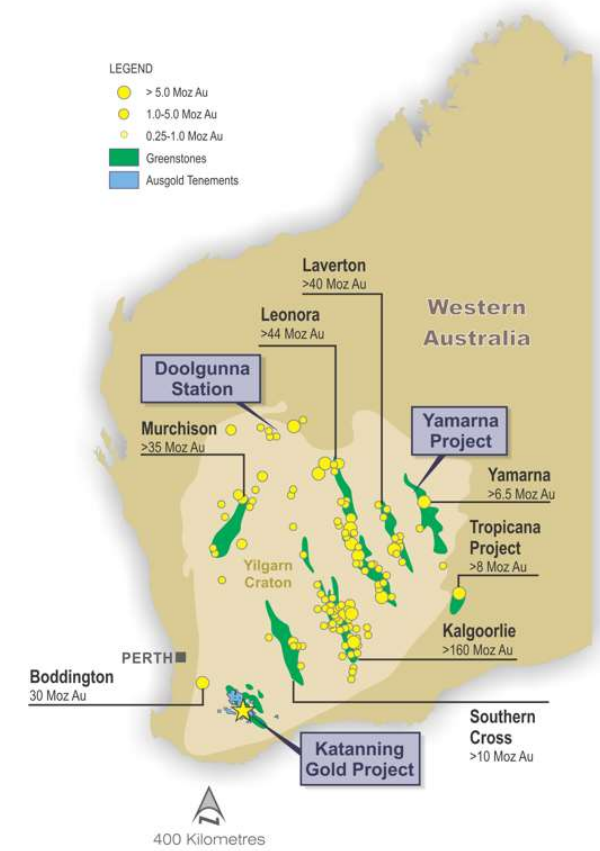
#### Potential for Large Near-Term Scale discovery

- **High-impact 60,000m** drill program completed
- **Further Resource upgrade - April 2022**
- Prefeasibility Study underway - **Maiden Reserve - June 2022**

### Optionality

#### Other High value projects

- Woodanilling Nickel-Copper-PGE prospectivity
- Yamarna JV Nickel/Copper/Cobalt;
- Doolgunna JV Copper/Gold;
- Cracow Gold/Copper; and
- Lake Magenta Gold



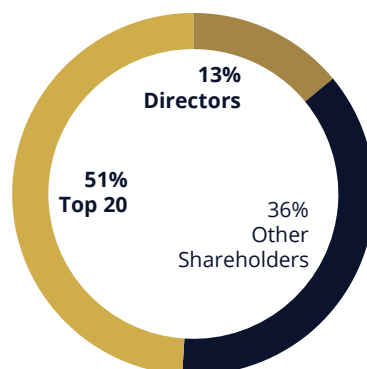
# Corporate



## Capital Structure

at 1 April 2022

|  |                      |
|--|----------------------|
| Shares on Issue                                    | <b>1,959m</b>        |
| Unlisted Options (@ A\$0.06)<br>Performance Rights | <b>26.7m<br/>29m</b> |
| Share Price  | <b>A\$0.067</b>      |
| Market Capitalisation                              | <b>A\$131m</b>       |
| Cash   | <b>A\$11.8m</b>      |



## Share Price



## Board of Directors

| <b>Richard Lockwood</b><br>Non-Executive<br>Chairman  | <b>Dr Matthew Greentree</b><br>Managing Director  | <b>Denis Rakich</b><br>Executive Director<br>& Company Secretary   | <b>Geoff Jones</b><br>Non-Executive<br>Director   | <b>Neil Fearis</b><br>Non-Executive<br>Director   | <b>Tim Kestell</b><br>Non-Executive<br>Director  |
|---|---|--|---|---|--|
| Career in mining investment, stockbroking, funds management with active involvement in development in several mining groups & numerous mining projects globally | 20 years' experience over 60 mineral projects, specialist in exploration targeting & structural geology, team leadership. Member of the Australian Institute for Mining and Metallurgy (AusIMM) and the Australian Institute of Geoscientists (AIG) | Extensive knowledge & experience in exploration & mineral production with special expertise in management of resource companies. | Engineer with 30 years' experience in project development, construction, mineral processing globally – extensive gold experience as project development engineer at Resolute Mining and various engineering groups. Currently MD of GR Engineering. | Leading corporate lawyer specializing in mergers, capital raisings and corporate reconstructions with a particular focus on the mining and resources sector. Advisor to some of the largest corporate transactions undertaken in Australia. | 25 years of capital markets experience including working for HSBC, Paterson Securities Limited and Euroz Securities Limited. |



# Background



**Critical mass foundation established**

**1.84Moz @ 1.24g/t**

*Supports a stand-alone gold operation >100kozpa*

## Large Exploration Program

### High-impact 30,000m RC Resource drill program

high-grade mineralisation including:

- 28m @ 11.3 g/t from 90m
- 20m @ 10.5 g/t from 10m
- 26m @ 6.6 g/ t from 117m
- 20m @ 7.6 g/ t from 96m
- 13m @ 11.3 g/t from 7m
- 28m @ 4.8 g/ t from 49m
- 20m @ 6.5 g/ t from 93m
- 20m @ 15.6 g/t from 97m

**Resource upgrade April 2022**

## Upgraded Resource

**635,000 oz** added during 2021 at low discovery cost of **\$10 per Resource oz**

**Gold ounces 1.84moz**, 54% increase from 1.20moz

**M+I Resource over 1.2moz** @ 1.29g/t

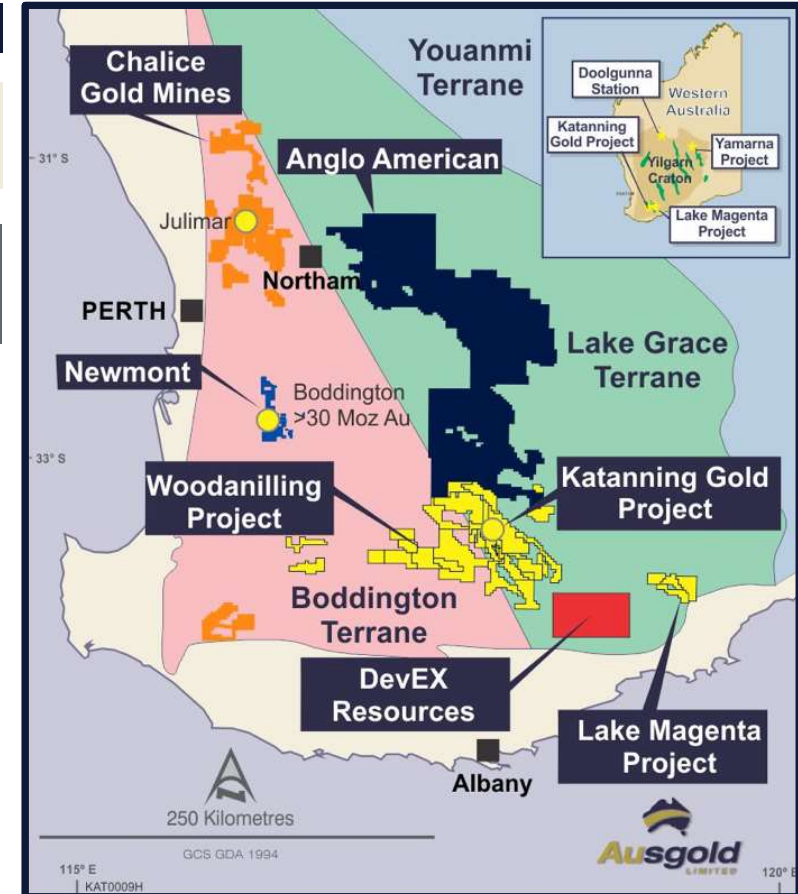
**Exceptional Metallurgy total Recoveries up to 96%**

**Another Resource upgrade Q2 2022**

– Maiden Ore Reserve Q2 2022

## Project Infrastructure

- Excellent infrastructure with:
  - access to grid power
  - sealed roads
  - nearby towns
- +4,000km<sup>2</sup> landholding covering 130km strike length
- Resource on granted Mining Licences
- Tenements on freehold land, not subject to Native Title



# Metallurgy

## *Excellent results from first phase metallurgical test work*

### Exceptional gold recoveries

- Recoveries of coarse gravity gold between 40 – 69%
- Preliminary leach extractions demonstrate average total gold recoveries of between 88 – 94% for the Central Zone ores at a 75 µm grind and 24 hour leach time. Higher total gold recoveries of 91 - 96% achieved at finer grinds and longer leach times are to be optimized as part of the current test work program
- Low cyanide consumption of 0.5-0.7 kg/t

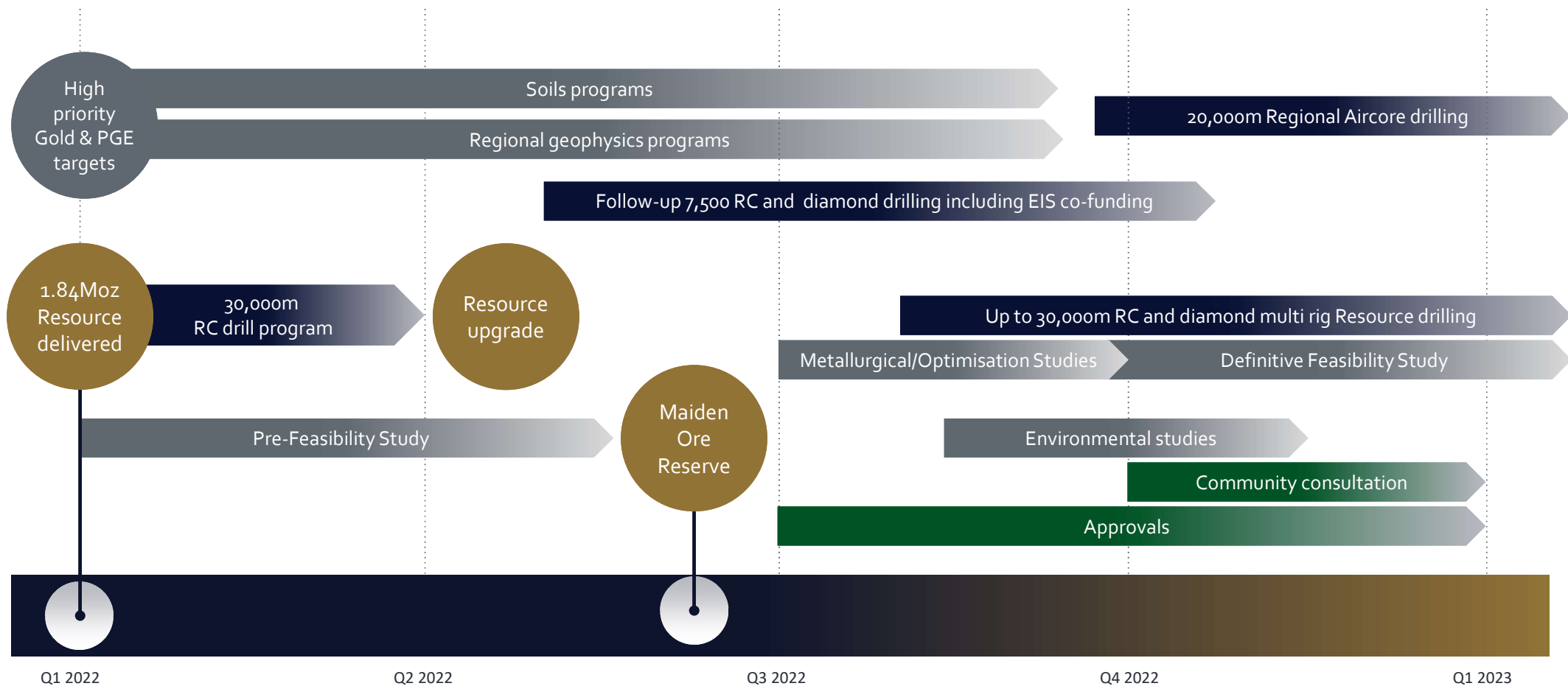
### Supports simple, low risk operation

- Testwork demonstrates that Katanning Gold ore is free milling and amenable to a conventional CIL processing flowsheet with recoveries up to 96%

**Resource upgrade on track for late April 2022 and Prefeasibility Studies (PFS) targeted for completion late Q2 CY2022**

# Building a multi-million ounce mining project

## *Large scale activities supporting multi-million ounce Resource ambition*



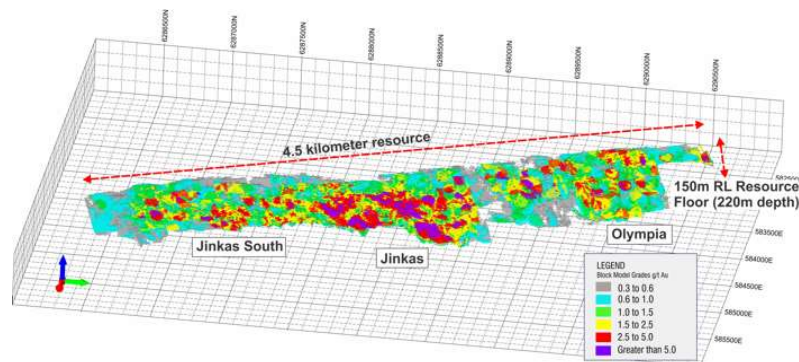
# Scale Opportunity

## Whole-of-Belt Exploration Play

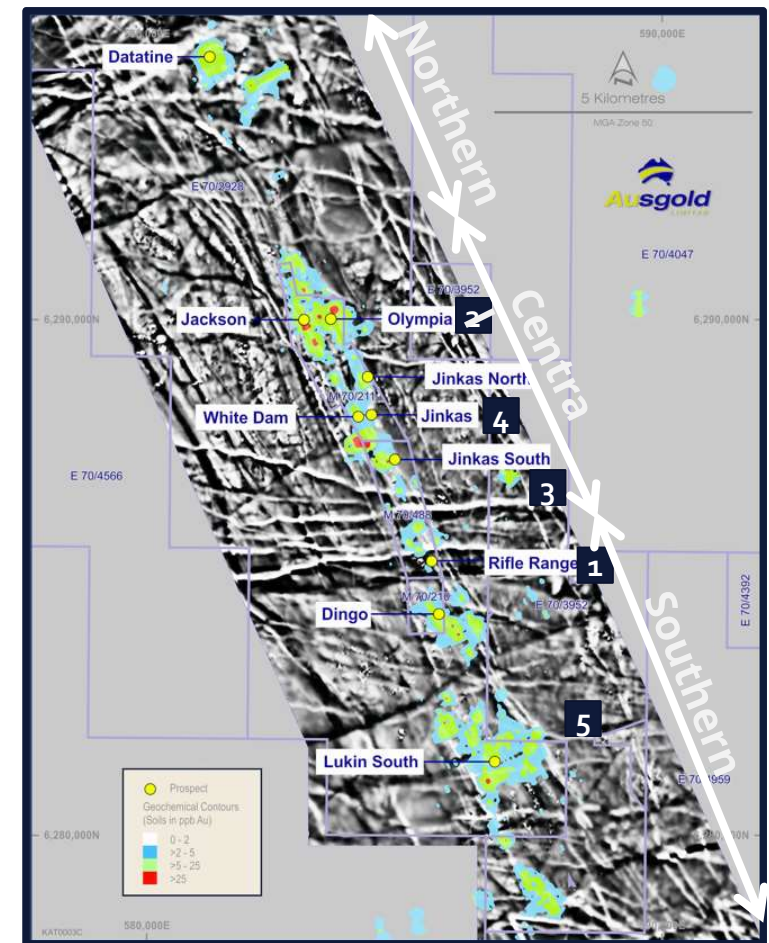
Improved geological model has identified numerous high-grade targets in untested exploration areas along 17km strike

Targeting multiple areas for growth in Resource, which is supported by a number of outstanding exploration opportunities within and outside existing Resource areas.

CY2022 exploration program funded.

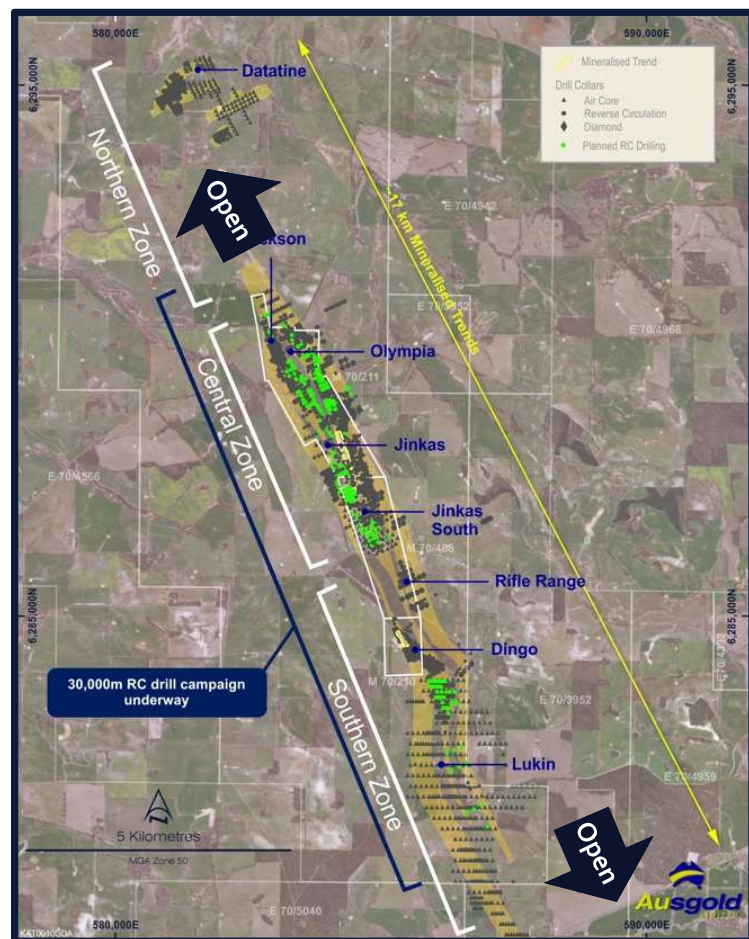


- 1 Rifle Range – 2.5km untested zone
- 2 Jinkas North - Olympia - Resource extensions
- 3 Jinkas South - high-grade lode remains open
- 4 Underground potential
- 5 Southern zone

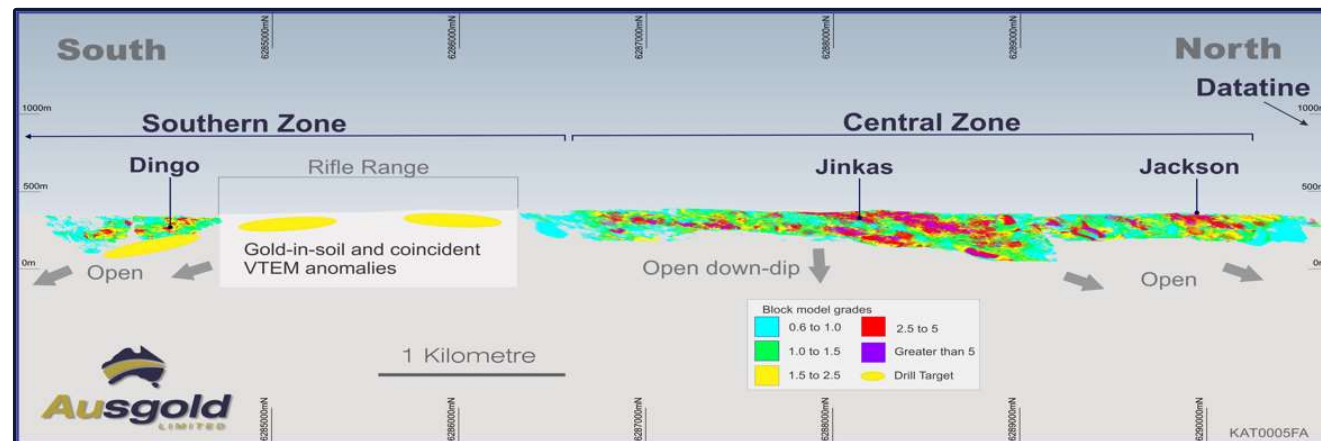




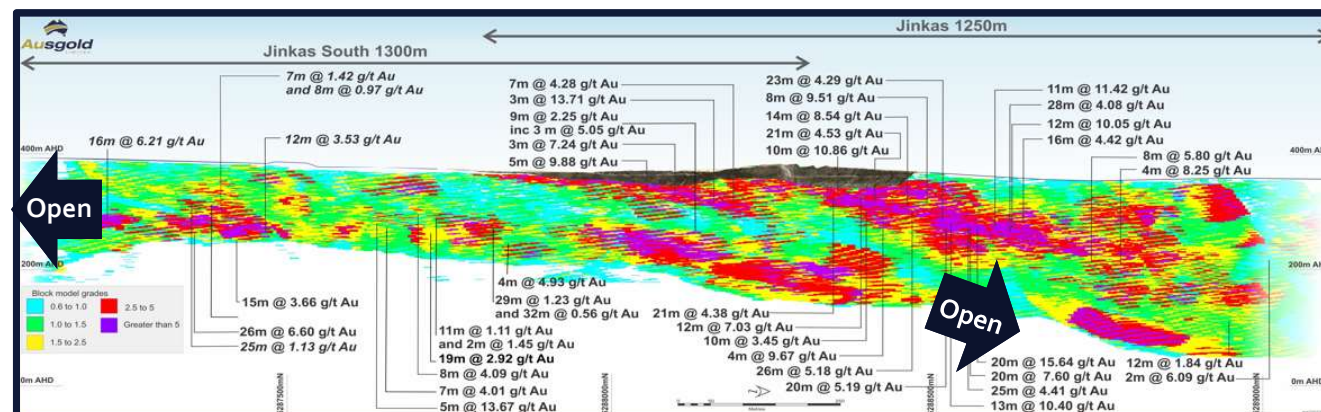
# Katanning overview



Katanning - Main Strike Zone Areas



Katanning Long section highlighting the Central Zone



Recently completed high-grade gold mineralisation hits

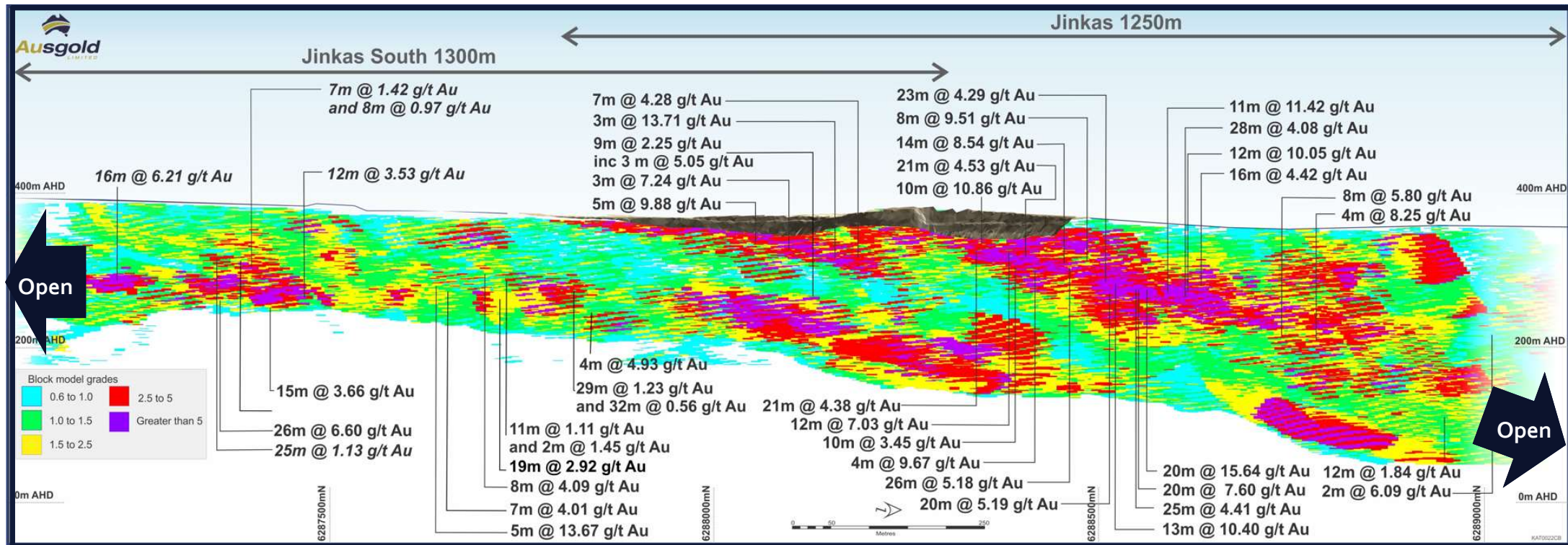
850 metre gap in drilling along strike from **high-grade Jinkas lode** with coincident geophysical and geochemical anomalies, and includes **underground potential with drilling underway Q2 2022**

High-grade parallel lode intersected over 1,300 metres, remains open both north and south along strike. DHEM targets identified **further drilling planned**





# Jinkas South Long Section



Jinkas Long section with recently completed drilling high-grade gold mineralisation

# Scale Opportunity – Underground Potential

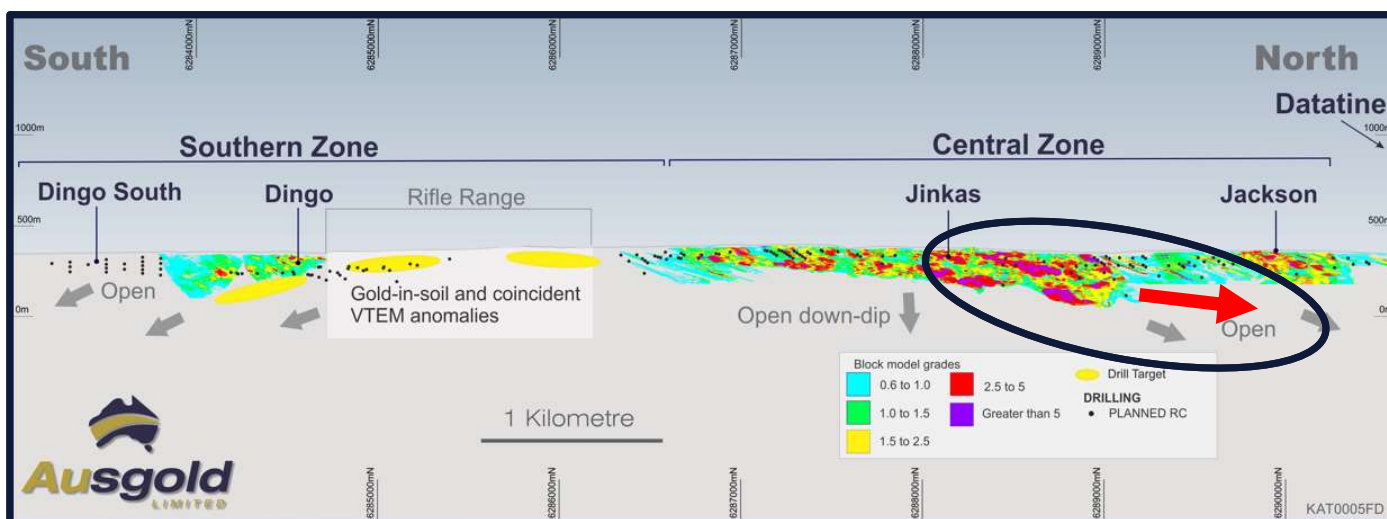
*underground Resource 0.54 Mt @ 3.1 g/t for 54Koz*

Untested limited drilling > 300m depth

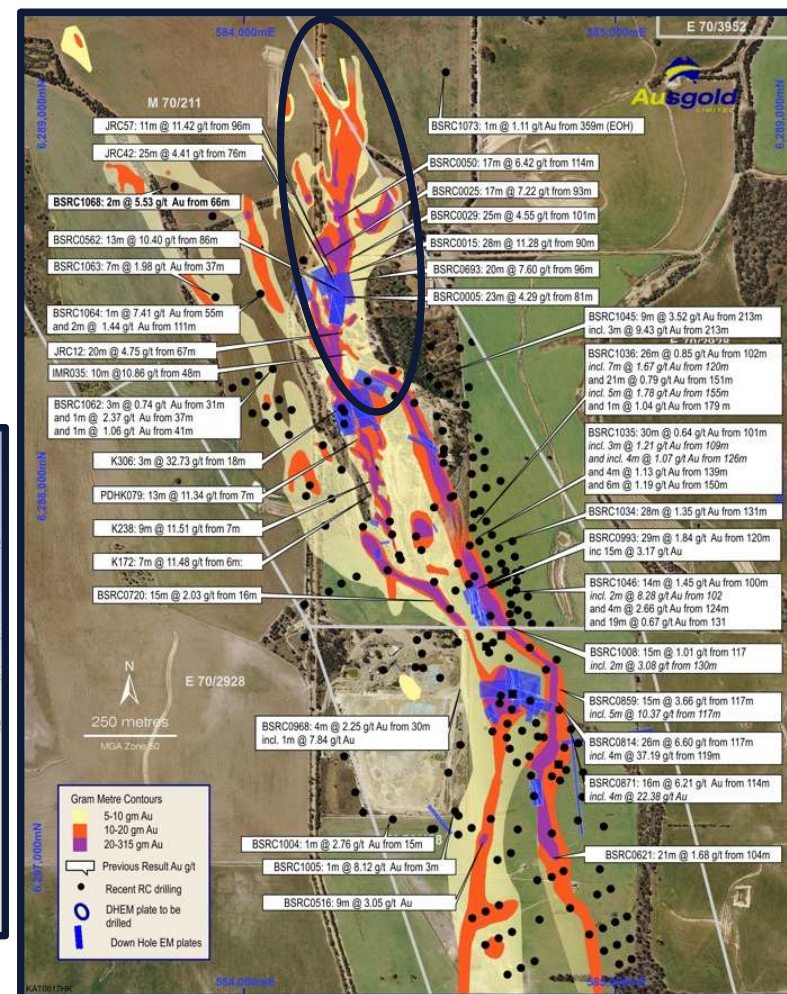
- Open along strike and at depth
- potential to add high grade Resource ounces

Down-plunge extensions of high-grade Jinkas and Jinkas South lodes identified

Downhole EM targets identified – drilling underway



Katanning long section highlighting the identified areas for underground potential





# Scale Opportunity

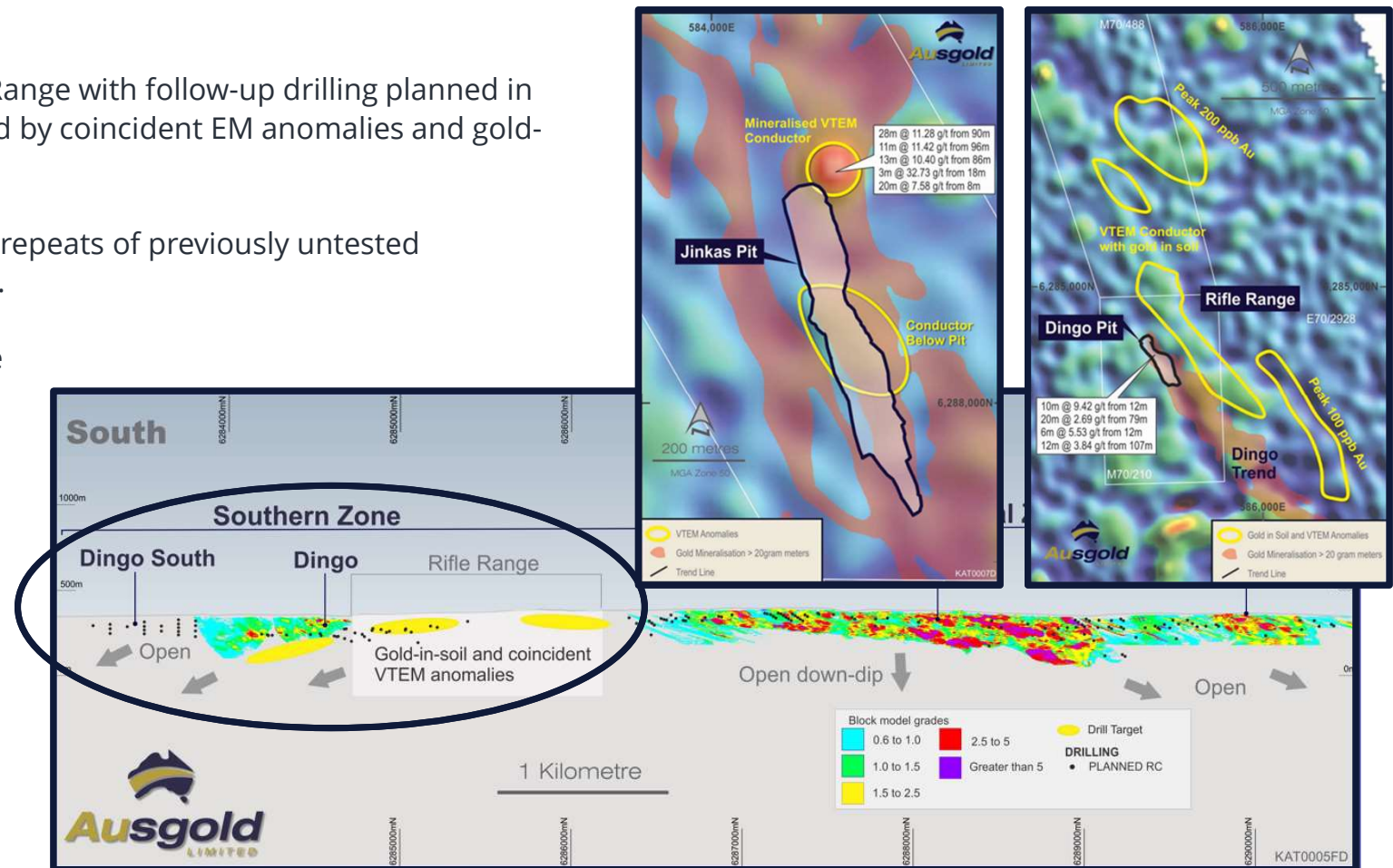
## Rifle Range and Southern Zone

RC drill program along 2.5 km Rifle Range with follow-up drilling planned in Q2 2022, with new targets supported by coincident EM anomalies and gold-in-soil anomalies.

Southern plunge direction indicates repeats of previously untested mineralised geology of Central Zone.

Gold-in-soil anomalies at Rifle Range higher than the gold-in-soils within the Central Zone.

**The Company believes the opportunity at Rifle Range and Southern Zone has the potential to materially change the scale of the Katanning Resource.**





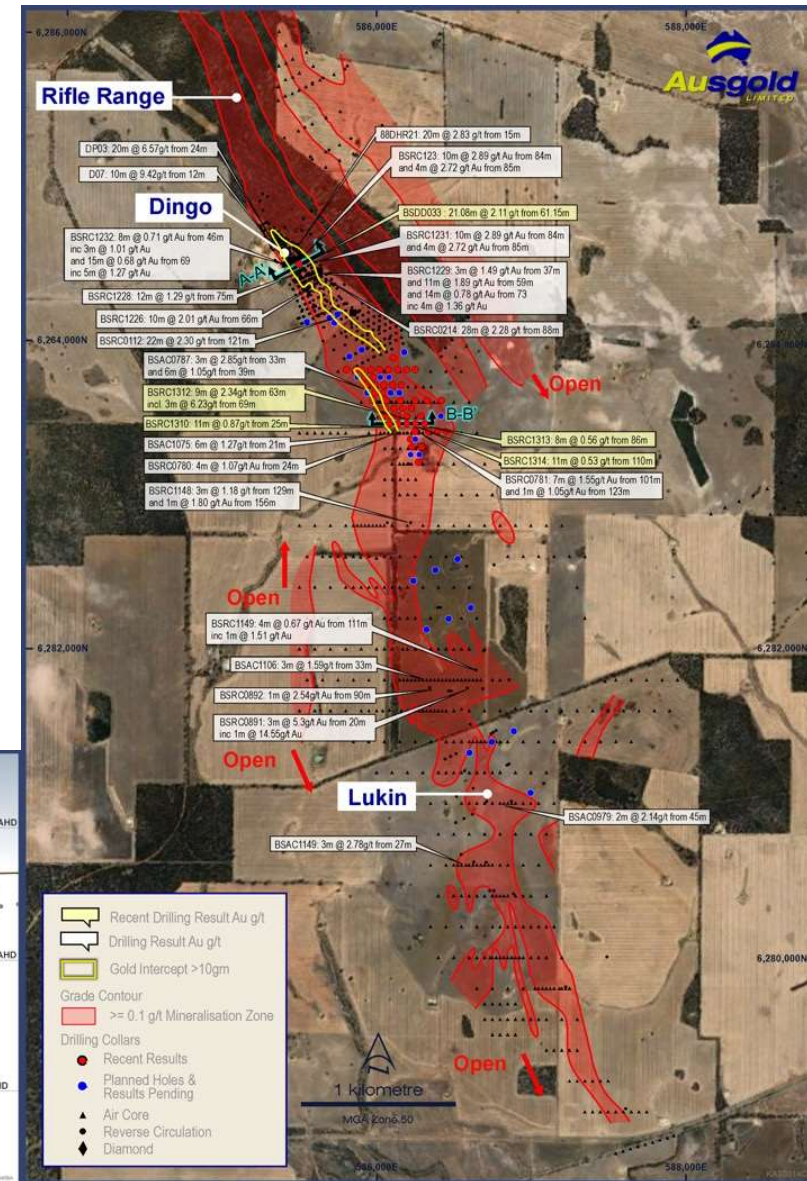
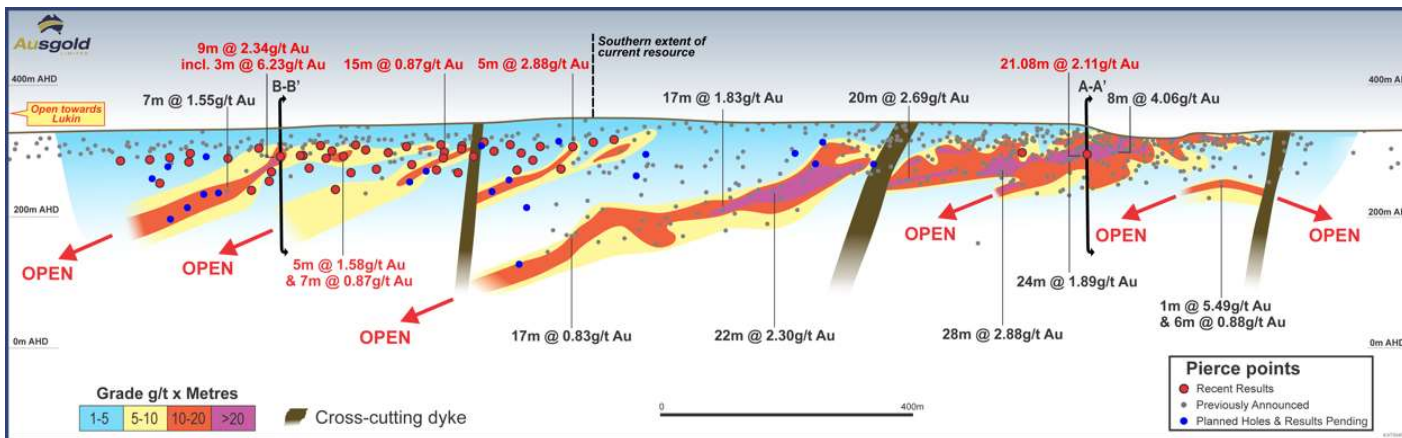
# Scale Opportunity

## Southern Zone

Southern Zone follows along strike from the Central Zone mineralisation with extensive gold mineralisation identified in aircore drilling over 8km strike length, with encouraging results from Recent drilling including:

- 21m @ 2.11 g/t Au from 61.08m including 4.81m @ 6.33 g/t Au in BSDD033
- 10m @ 2.89 g/t Au from 84m including 3m @ 8.35 g/t Au in BSRC1231
- 6m @ 4.5 g/t Au from 32m including 2m @ 12.75 g/t Au in BSRC1168
- 9m @ 2.52 g/t Au from 85m including 5m @ 4.09 g/t Au in BSRC1200
- 18m @ 1.23 g/t Au from 83m in BSRC1230
- 10m @ 2.01 g/t Au from 66m in BSRC1226

**Over 900m additional strike length beyond current Resource identified in new drilling**



# Scale Opportunity

## *Near Resource Potential*

### Northern zone

- New discovery Burong – Datatine Trend
- Mineralisation identified along a strike length of 10 km
- Maiden RC drill program to intersect broad zone of mineralisation up to 6.47g/t bottom of hole

### Southern Zone

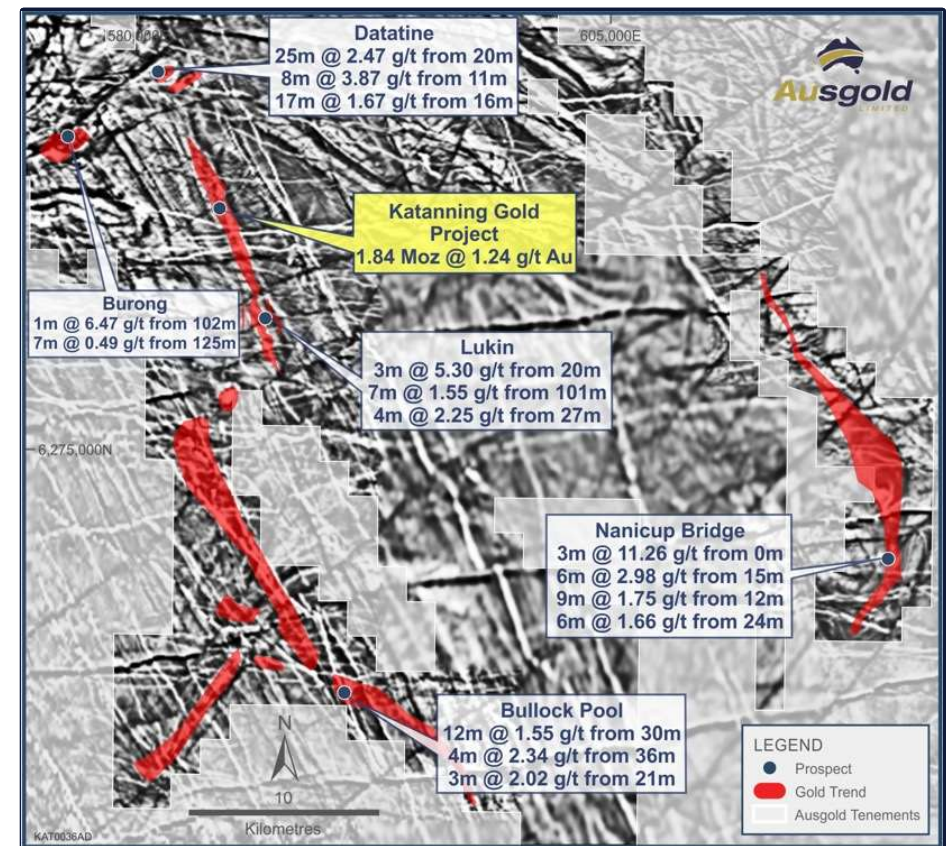
- Gold anomalism over 7km of strike length at Lukin
- Mineralisation intersected in wide-spaced AC and RC drilling
- RC and diamond drilling planned

### Bullock Pool

- Gold mineralisation over strike length of 25km
- EIS co-funded drilling

### Nanicup Bridge

- Gold mineralisation over 20km strike
- Large structure parallel to the KGP
- EIS co-funded drilling





# Scale Opportunity

*Untested regional potential >4,200 km<sup>2</sup>*



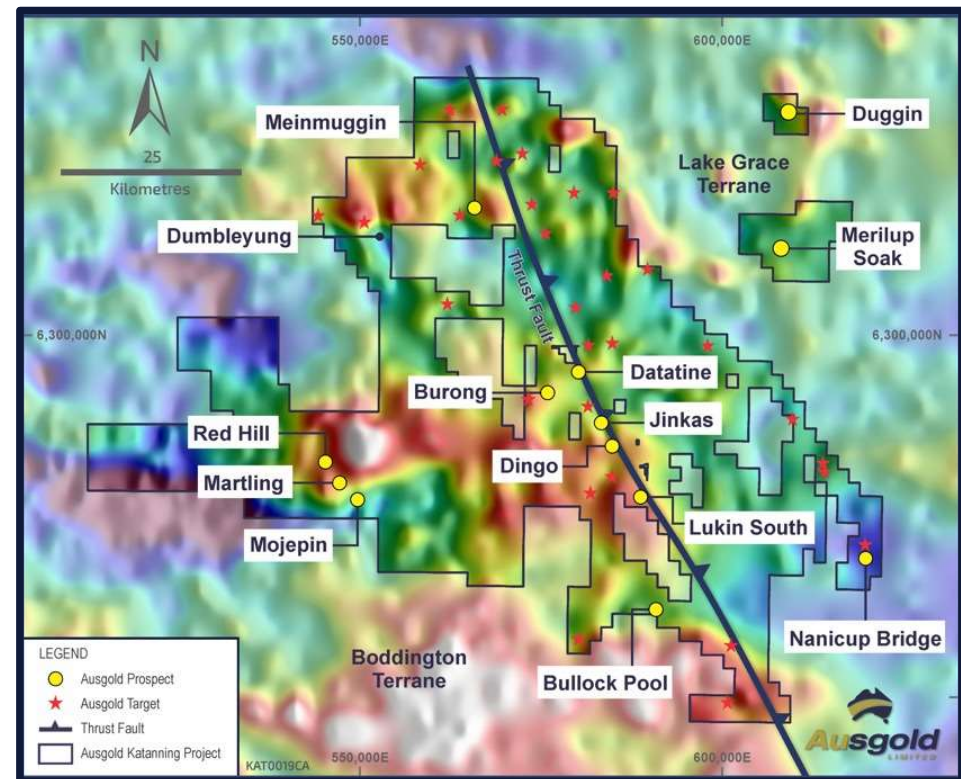
- Large Exploration program underway
- **12 high priority targets - 30,000m Aircore drilling and 2,500m Auger**

## Gold

- Extensive ground position +4,200km<sup>2</sup> covering 130km strike of underexplored greenstones
- 46 advanced gold targets identified in underexplored greenstone belt

## Gold – PGE Potential

- Large magmatic system centered around the Woodanilling 25 km-wide intrusive complex
- Expanded ground holding targeting layered mafic – ultramafic intrusions prospective for Au-Pt-Pd
- Recent drill program has identified mineralisation with zones with >140 ppb Pt-Pd and massive chalcopyrite elevated silver



# Summary

## *Katanning – An Outstanding Whole-of-Belt Exploration Play*



### Foundation

### Critical Mass

**1.84Moz @ 1.24g/t gold Resource** with 1.2Moz in the Measured and Indicated categories - enough to support a mid-tier stand-alone gold operation >100kozpa

### Scale

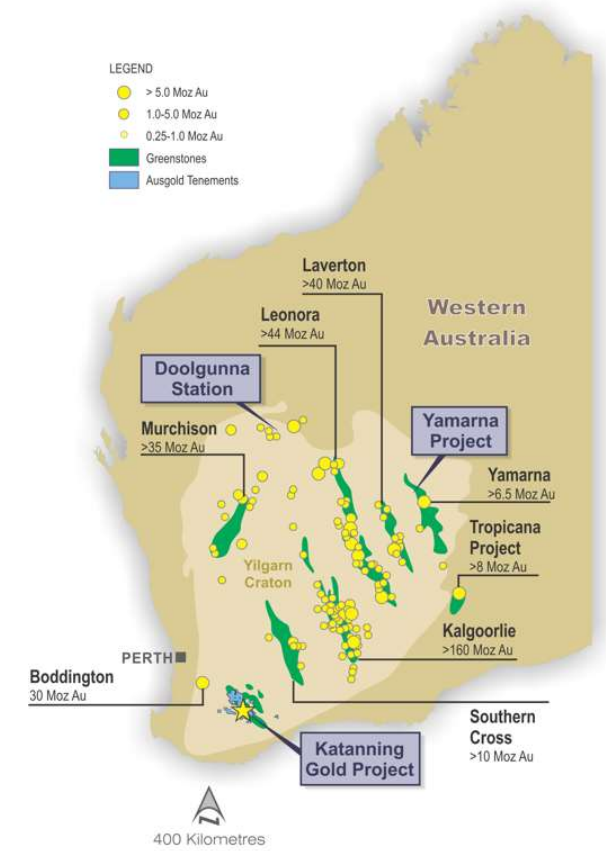
### Potential for multi-million Ounce Scale

Funded high-impact 60,000m drill program underway will further build Resource scale and test gold and PGE potential across entire belt

### Optionality

### High value projects

Portfolio of high value projects targeting gold, copper, PGE and nickel in tier-one mining districts





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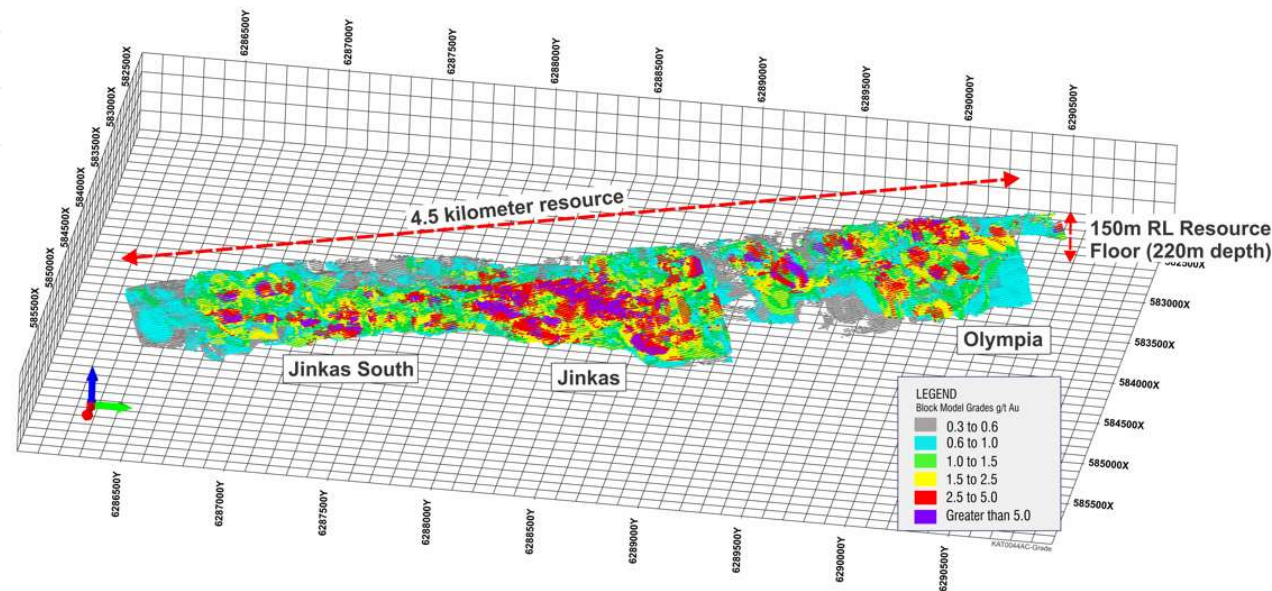
# Appendix

# Katanning Gold Project Resource



- 1.84 Moz @ 1.24 g/t Au in KGP Resource
- 1.2Moz of Resource in Measured and Indicated categories
- Open below 150 m depth and along strike

| Mineral Resources* | Tonnes (Mt)  | Gold (g/t)  | Moz              |
|--------------------|--------------|-------------|------------------|
| Measured           | 6.59         | 1.64        | 349,000          |
| Indicated          | 21.97        | 1.19        | 841,000          |
| Inferred           | 17.58        | 1.14        | 647,000          |
| <b>Total</b>       | <b>46.14</b> | <b>1.24</b> | <b>1,837,000</b> |



## Other Projects



### Woodanilling Project

Advanced vanadium exploration with PGE potential only 20km from Katanning town.

### Lake Magenta

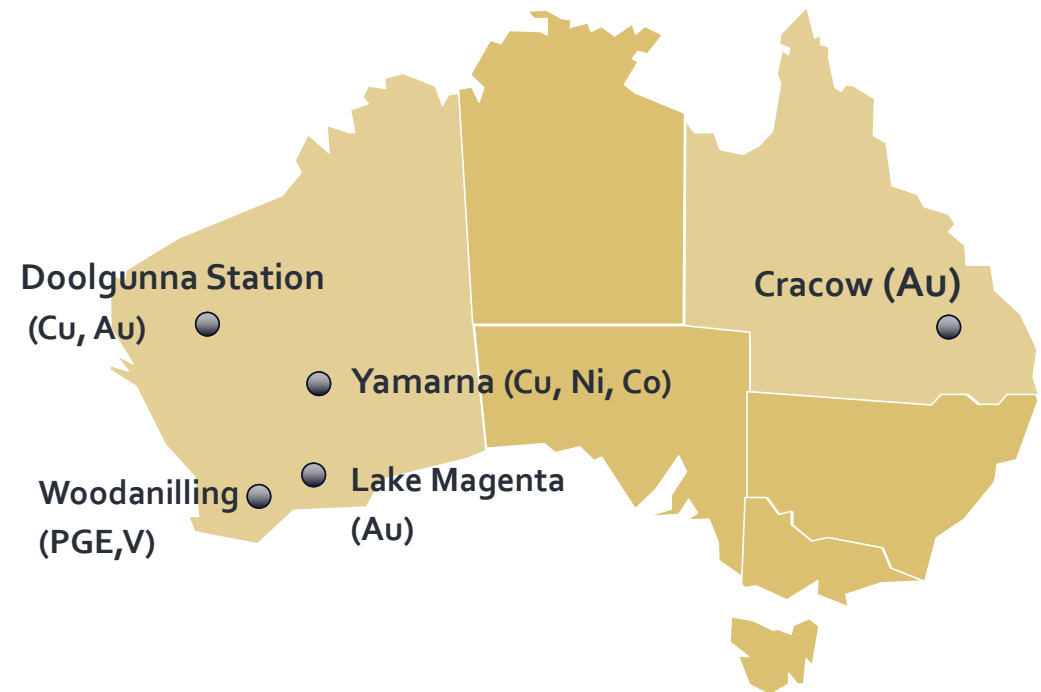
Gold exploration project located the South West Yilgarn.

### Yamarna

Two fully funded joint ventures on advanced nickel-cobalt project at Yamarna and copper-gold project adjacent to DeGrussa VMS deposit.

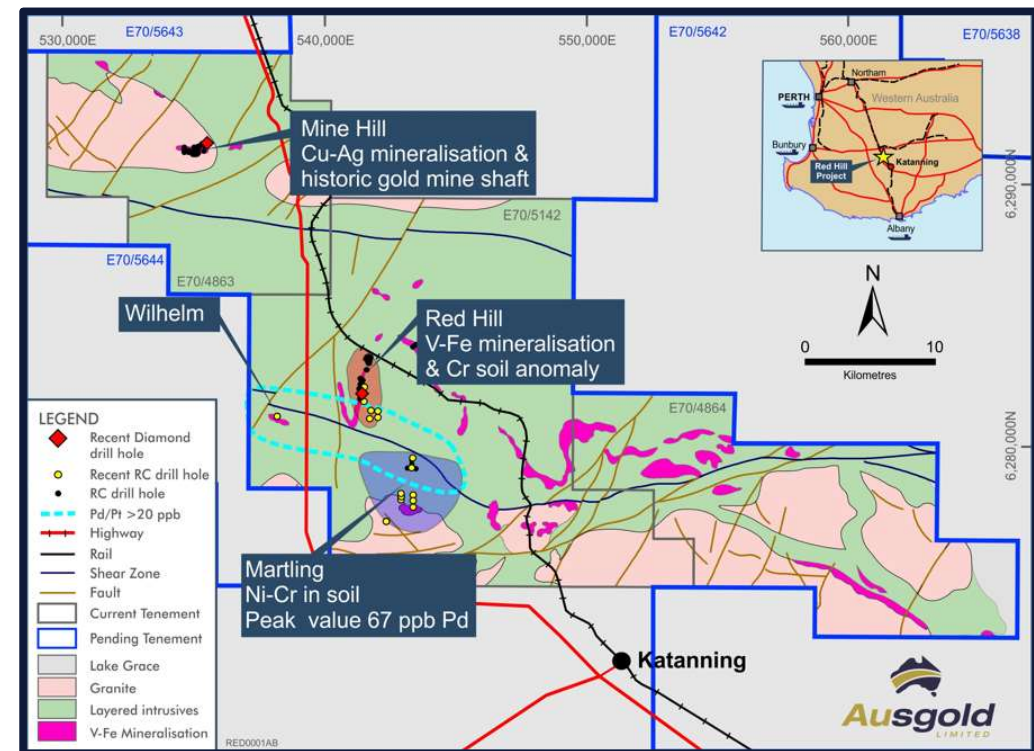
### Cracow

Copper-gold project adjacent to Cracow epithermal gold deposit.



# Woodanilling Au-PGE potential

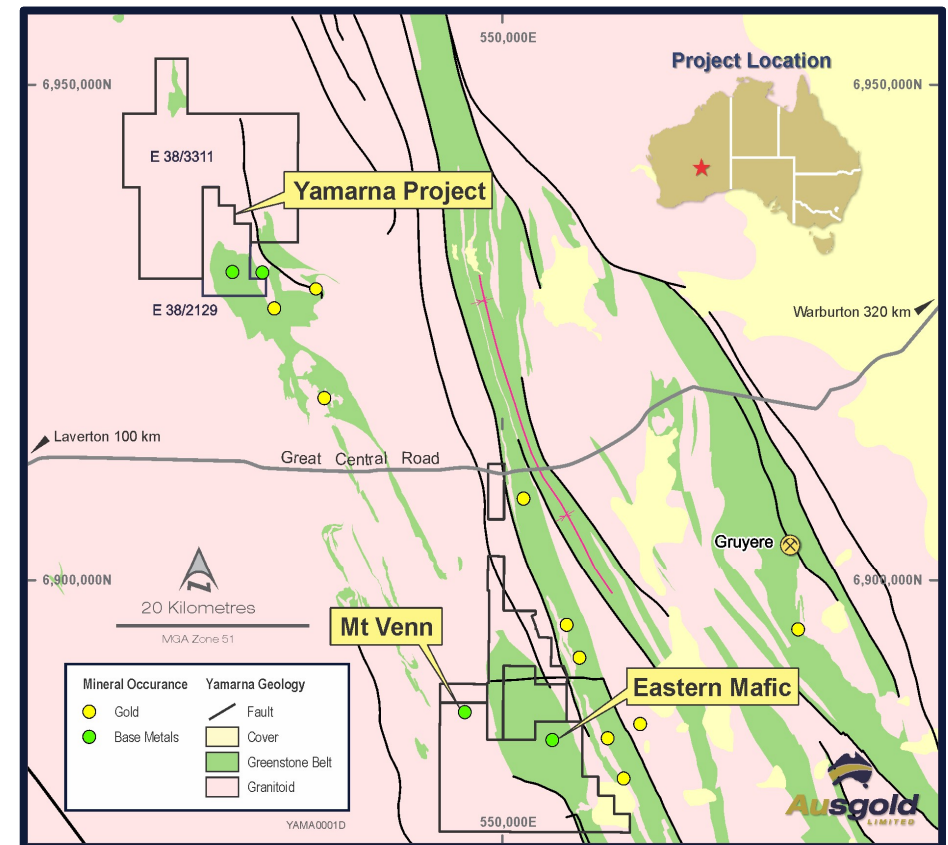
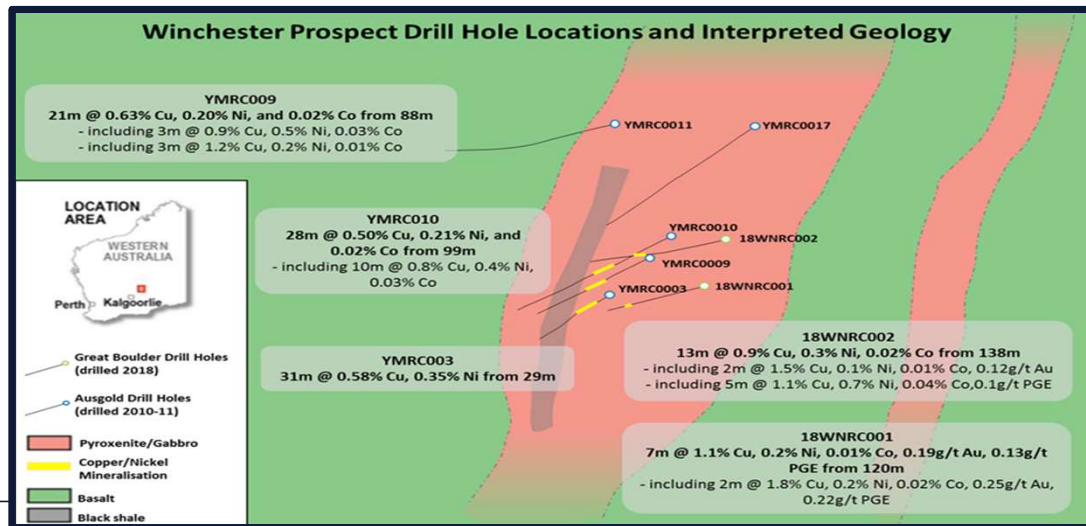
- Mafic-ultramafic intrusive complex recent drilling
- High-grade copper-silver-gold mineralisation with semi-massive sulphides intersected at Mine Hill, with recent results including:
  - 1.95m @ 3.47 g/t Ag and 0.37% Cu, Including 0.45m @ 12.2 g/t Ag, 1.37 % Cu and 0.14 g/t Au from 58m
  - 4m @ 1.8 g/t Ag and 0.11 g/t Au from 0m
- Broad zone of anomalous PGE, gold and copper associated with disseminated magmatic pyrrhotite and semi-massive chalcopyrite with peak values of 74 ppb Pt and 67ppb Pd in drilling



# Yamarna Joint Venture



- Located in highly prospective Yamarna Greenstone Belt 125 kilometres north-east of Laverton in central Western Australia
- Winchester Prospect - significant copper-nickel-cobalt discovery hosted within an underexplored belt
- Farm-in agreement with Great Boulder Resources Limited (ASX:GBR). Ausgold retains 25% free carry to decision to mine
- Prospective regional structures and greenstones
- Untested VTEM targets

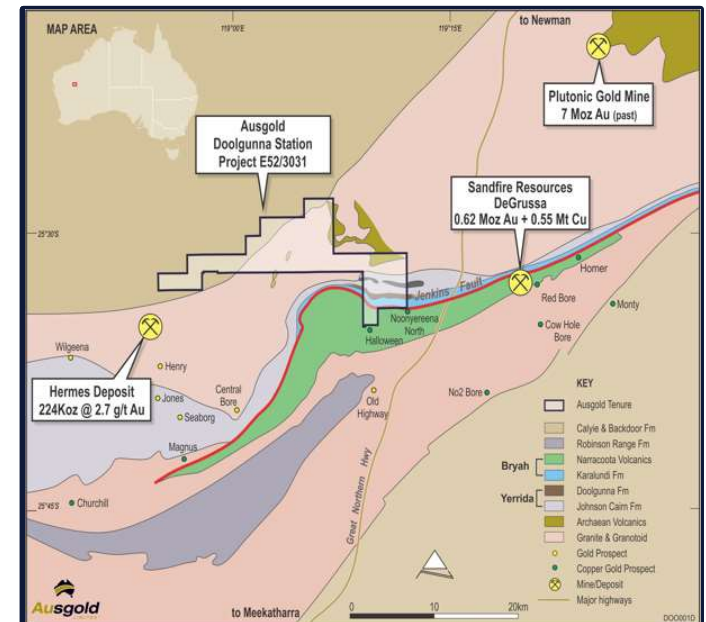
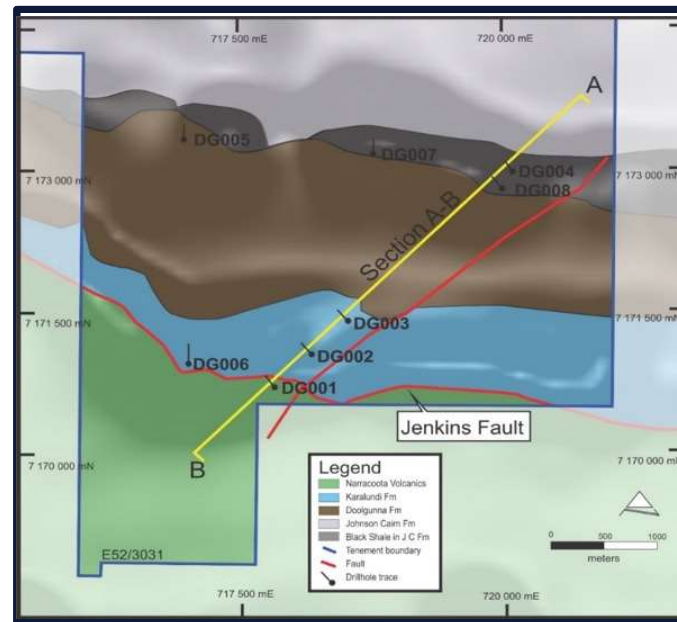
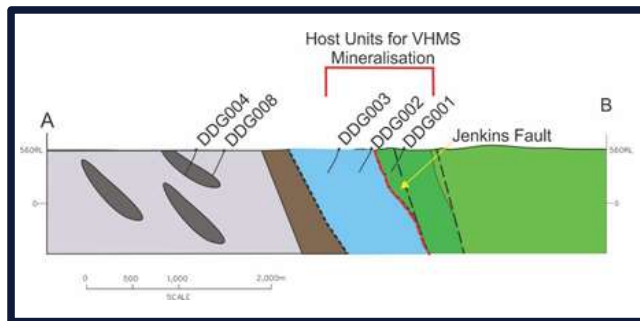




# Doolgunna Joint Venture



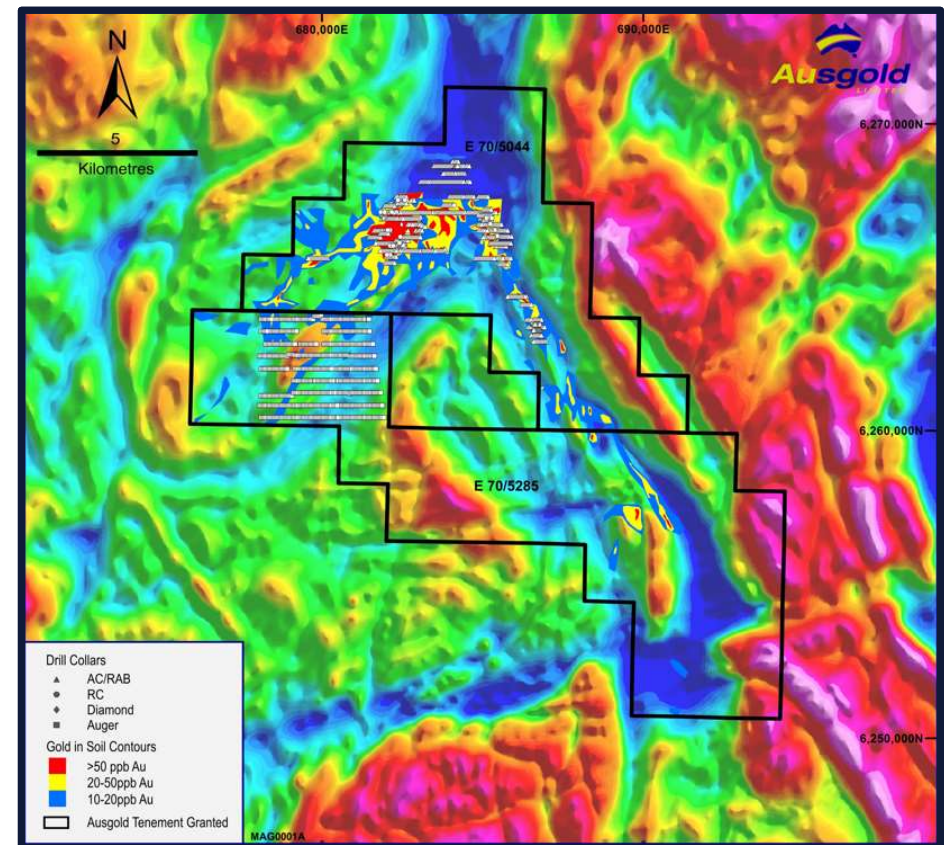
- Located in WA's Bryah Basin (150 km north-east of Meekatharra)
- Highly prospective for volcanic-hosted massive sulphide (VHMS) copper-gold and Plutonic-style gold mineralisation, adjacent to DeGrussa VHMS deposit
- Farm-in agreement with AIC Mines Limited (ASX:A1M). Ausgold retains 30% contributing interest, after AIC has earned 70% by expending A\$2.15M, or 20% free carry to decision to mine
- 2,400m diamond drilling program identified prospective rocks for VHMS mineralization.



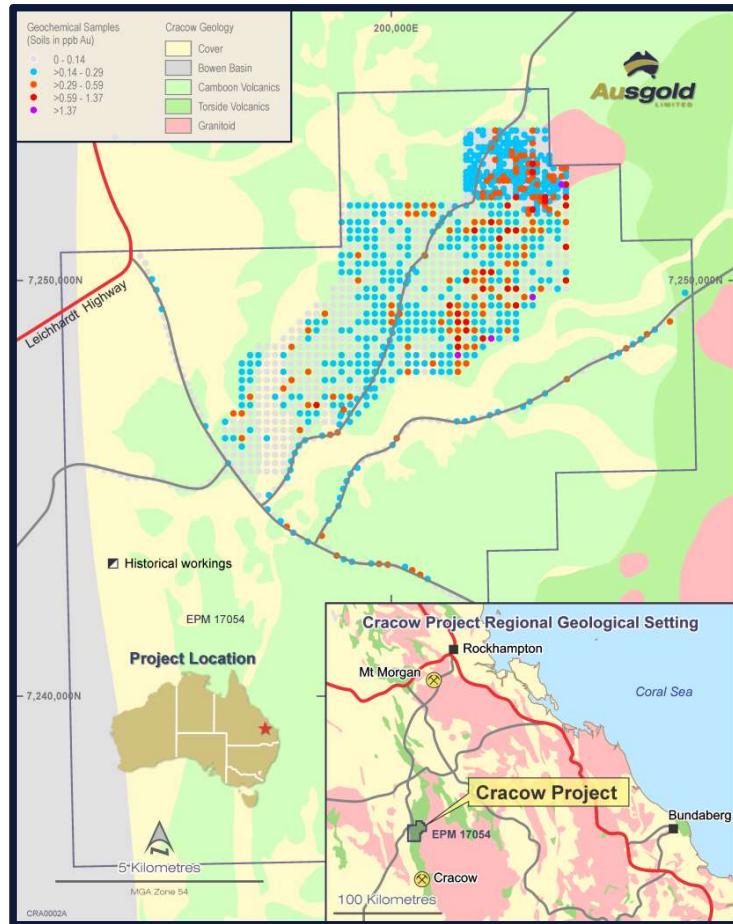
# Lake Magenta Gold Project, WA



- Located in South West Yilgarn 450 km SE of Perth and covering an area of 165km<sup>2</sup>
- Past exploration has identified gold-in-soil anomaly extending over a 17km strike length
- Coincident with the Yandina Shear Zone known to host several significant gold deposits, including Tampia (Ramelius) and Griffins Find



# Cracow Project



- Lies 375km NW of Brisbane - well serviced by major roads
- Covers over 200km<sup>2</sup> and hosts Camboon Volcanics which are the same as those that host Evolution Mining Limited's Cracow mine
- Grab samples contain native copper, chalcocite and malachite, with assay grades up to 1.8% Cu and 5.5 g/t Ag
- Spectral analysis of ASTER satellite imagery highlights white micas and kaolinite +/- pyrophyllitic alteration zones similar to those found at the Cracow deposit
- Field work commenced to assess alteration zones.