



# MACQUARIE CONFERENCE INVESTOR PRESENTATION

De Grey Mining Limited

May 2023



# IMPORTANT INFORMATION

## Forward Looking Statements

These materials prepared by De Grey Mining Limited (or the "Company") include forward looking statements. Often, but not always, forward looking statements can generally be identified by the use of forward looking words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "continue", and "guidance", or other similar words and may include, without limitation, statements regarding plans, strategies and objectives of management, anticipated production or construction commencement dates and expected costs or production outputs.

Forward looking statements inherently involve known and unknown risks, uncertainties and other factors that may cause the Company's actual results, performance and achievements to differ materially from any future results, performance or achievements. Relevant factors may include, but are not limited to, changes in commodity prices, foreign exchange fluctuations and general economic conditions, increased costs and demand for production inputs, the speculative nature of exploration and project development, including the risks of obtaining necessary licenses and permits and diminishing quantities or grades of reserves, political and social risks, changes to the regulatory framework within which the Company operates or may in the future operate, environmental conditions including extreme weather conditions, recruitment and retention of personnel, industrial relations issues and litigation.

Forward looking statements are based on the Company and its management's good faith assumptions relating to the financial, market, regulatory and other relevant environments that will exist and affect the Company's business and operations in the future. The Company does not give any assurance that the assumptions on which forward looking statements are based will prove to be correct, or that the Company's business or operations will not be affected in any material manner by these or other factors not foreseen or foreseeable by the Company or management or beyond the Company's control.

Although the Company attempts and has attempted to identify factors that would cause actual actions, events or results to differ materially from those disclosed in forward looking statements, there may be other factors that could cause actual results, performance, achievements or events not to be as anticipated, estimated or intended, and many events are beyond the reasonable control of the Company. Accordingly, readers are cautioned not to place undue reliance on forward looking statements. Forward looking statements in these materials speak only at the date of issue. Subject to any continuing obligations under applicable law or any relevant securities exchange listing rules, in providing this information the Company does not undertake any obligation to publicly update or revise any of the forward looking statements or to advise of any change in events, conditions or circumstances on which any such statement is based.



# IMPORTANT INFORMATION

## Competent Person(s) Disclosure

The information in this presentation that relates to the scoping study and its outcomes for the Mallina Gold Project is extracted from the ASX announcement Mallina Gold Project Scoping Study dated 5 October 2021. The information in this presentation that related to the preliminary feasibility study and its outcomes for the Mallina Gold Project is extracted from the ASX announcement Mallina Gold Project Preliminary Feasibility Study dated 8 September 2022. The information in this presentation that relates to the Mineral Resource Estimate in this presentation relate to ASX announcements Mallina Gold Project Resource Statement – 2022 dated 31 May 2022 and 6.8Moz Hemi Maiden Mineral Resource drives MGP to 9.0Moz dated 23 June 2021.

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

The information in this presentation that relates to Ore Reserves at the Hemi Gold Project is based on and fairly represents information and supporting documentation compiled by Mr Quinton de Klerk, a Competent Person who is a full-time employee of Cube Consulting Pty Ltd, a company engaged by De Grey. Mr de Klerk is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr de Klerk has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which being undertaken 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 (2012 JORC Code). The Company confirms that the form and context in which the Competent Persons findings are presented have not been materially modified from the relevant original market announcement.

The Information in this report that relates to Wingina and Withnell Mining Centre Mineral Resources is based on information compiled by Mr Paul Payne, a Competent Person who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Payne is a full-time employee of Payne Geological Services. Mr Payne has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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 Payne consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The Information in this report that relates to Hemi Mining Centre Mineral Resources is based on information compiled by Mr. Michael Job, a Competent Person who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Job is a full-time employee of Cube Consulting. Mr Job has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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 Job consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. The information in this report that relates to exploration results is based on, and fairly represents information and supporting documentation prepared by Mr. Phil Tornatora, a Competent Person who is a member of The Australasian Institute of Mining and Metallurgy. Mr. Tornatora is an employee of De Grey Mining Limited. Mr. Tornatora has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resource and Ore Reserves". Mr. Tornatora consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

## Authorisation

This Presentation has been authorised for release by the Managing Director.

# ACKNOWLEDGMENT OF COUNTRY

At De Grey Mining, we acknowledge the Traditional Custodians of the land upon which we operate, the Kariyarra, Ngarluma, Nyamal, Ngarla and Mallina peoples. We recognise their unique cultural heritage, beliefs and connection to these lands, waters and communities.

We pay our respects to all members of these Indigenous communities, and to Elders past, present and emerging. We also recognise the importance of continued protection and preservation of cultural, spiritual and educational practices.

As we value treating all people with respect, we are committed to building successful and mutually beneficial relationships with the Traditional Custodians throughout our areas of operation.





# CORPORATE OVERVIEW

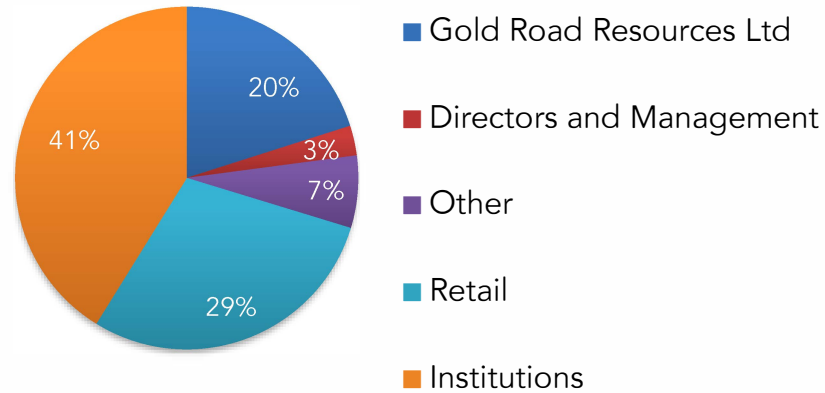
## Corporate structure

Shares (ASX:DEG)	1,561M
Options	4.1M
Performance rights	0.2M
Share price (01 May 2023)	\$1.60
Market capitalisation (01 May 2023)	\$2.5B
Cash (31 Mar 2023)	\$145M
S&P/ASX 200 index inclusion	21 Mar 2022

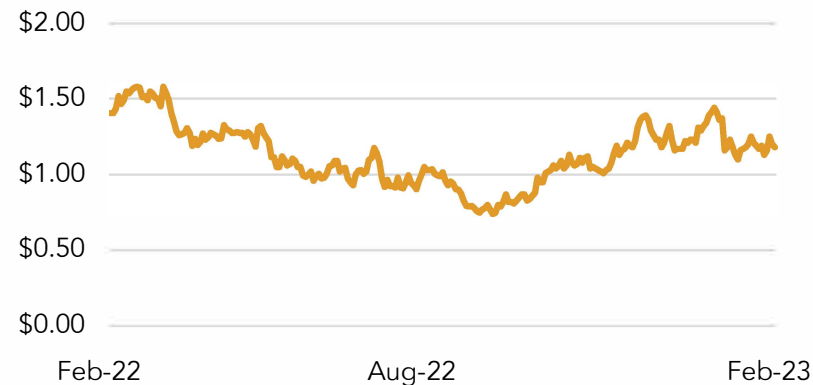
## Major shareholders

Top 50 holders	73%
Top 100 holders	80%

## Shareholders



## Share price



# BOARD OF DIRECTORS



**Simon Lill**  
Non-Executive Chairman  
Corporate Management  
→ Joined October 2013



**Glenn Jardine**  
Managing Director  
Mining Engineer  
→ Joined May 2020



**Peter Hood AO**  
Non-Executive Director  
Chemical Engineer  
→ Joined November 2018



**Andy Beckwith**  
Executive Technical Director  
Geologist  
→ Joined October 2017



**Paul Harvey**  
Non-Executive Director  
Mining Engineer  
→ Joined July 2022



**Emma Scotney**  
Non-Executive Director  
Lawyer / Governance  
→ Joined January 2023



**Craig Nelmes**  
Company Secretary  
Accountant / Governance  
→ Joined October 2013



# EXPERIENCED MANAGEMENT TEAM



**Glenn Jardine**  
Managing Director



**Andy Beckwith**  
Executive Technical Director



**Peter Canterbury**  
Chief Financial Officer



**Phil Tornatora**  
GM Exploration



**Bronwyn Campbell**  
Community Relations



**Allan Kneeshaw**  
Business Development



**John Brockelsby**  
Risk and HSE



**Rod Smith**  
Studies Manager



**Courtney Morgan-Evans**  
People and Capability



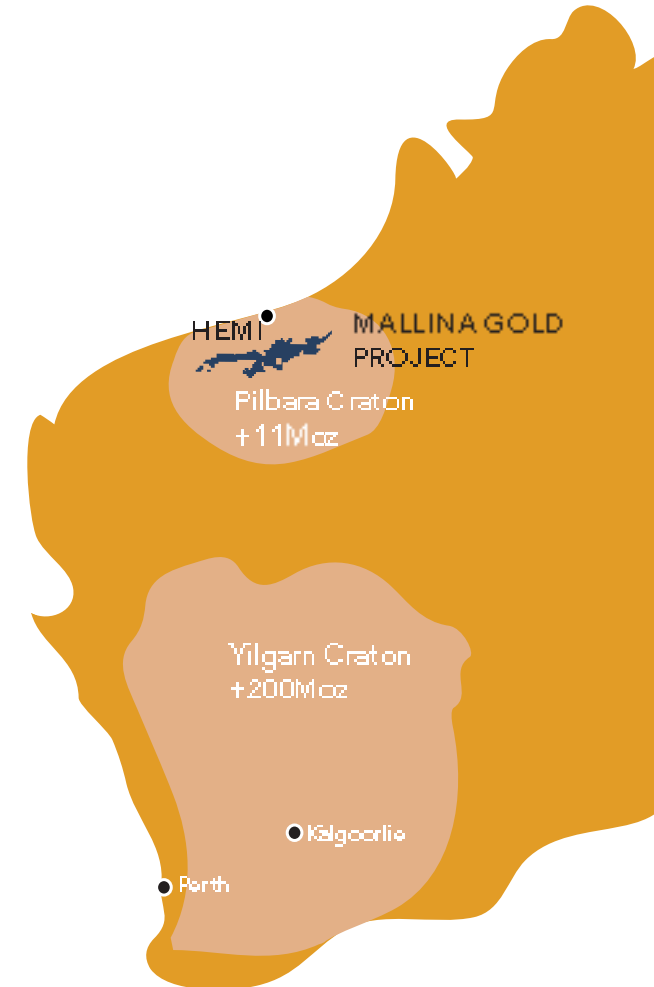
**Peter Holmes**  
Project Director

A management team with experience spanning exploration, assessment, planning, construction and operation of large scale resources projects

# MALLINA – A NEW AUSTRALIAN GOLD PROVINCE

## Advancing a Tier 1 discovery towards production

- Archean setting in the Pilbara Craton of Western Australia 85km by road south of Port Hedland
- Strategically significant ~1,500km<sup>2</sup> contiguous land position
- Regionally significant gold processing facility
- Large, high value, intrusion-hosted style of gold deposit discovered in RC drilling at Hemi in February 2020
- Hemi Mineral Resource Estimate (MRE) upgraded to 8.5Moz in May 2022 and Mallina Gold Project MRE now 10.6Moz
- Maiden Resource grew at 450,000 ounces per month
- Pre-feasibility study (PFS) has further improved the key metrics of a financially attractive and technically viable Tier 1 global gold development project
- Release of maiden Ore Reserve of 5.1Moz @ 1.5g/t Au

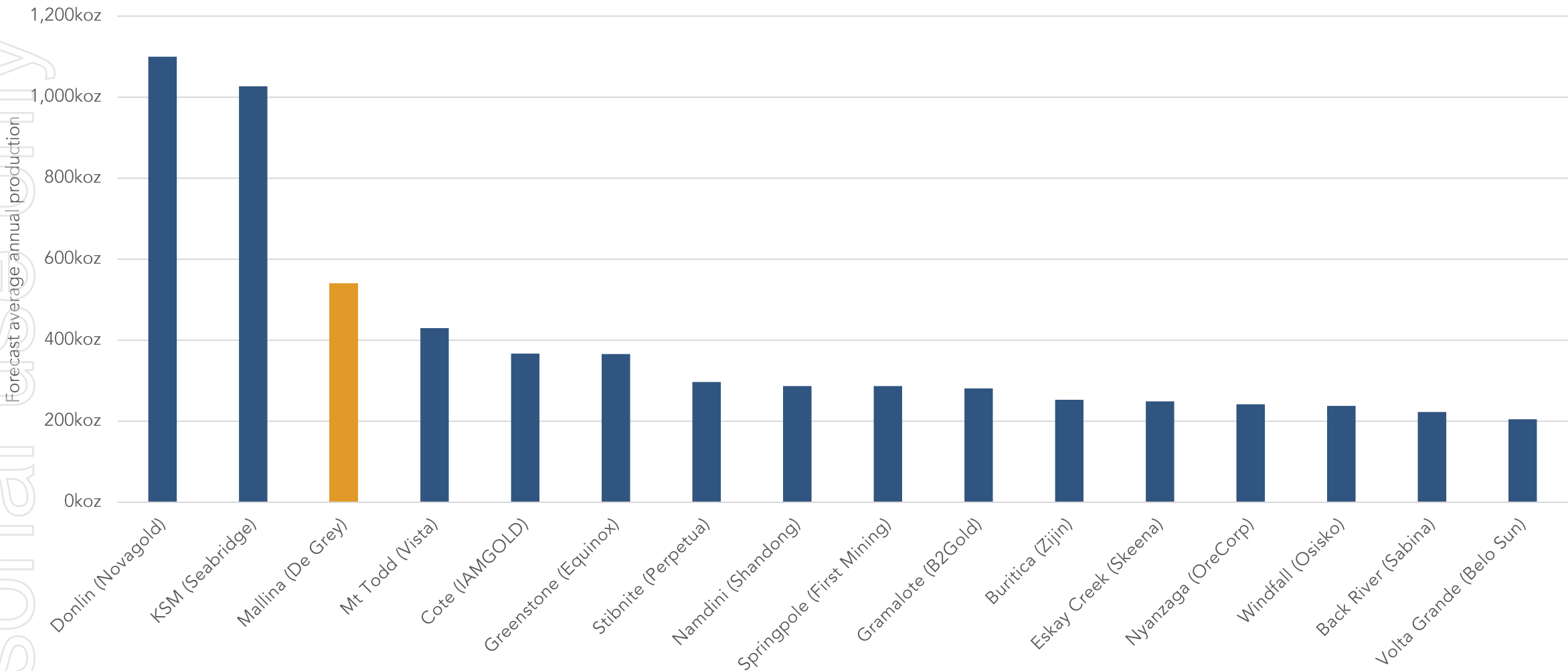




# DEVELOPMENT ASSET ANNUAL PRODUCTION

One of the world’s largest undeveloped gold projects

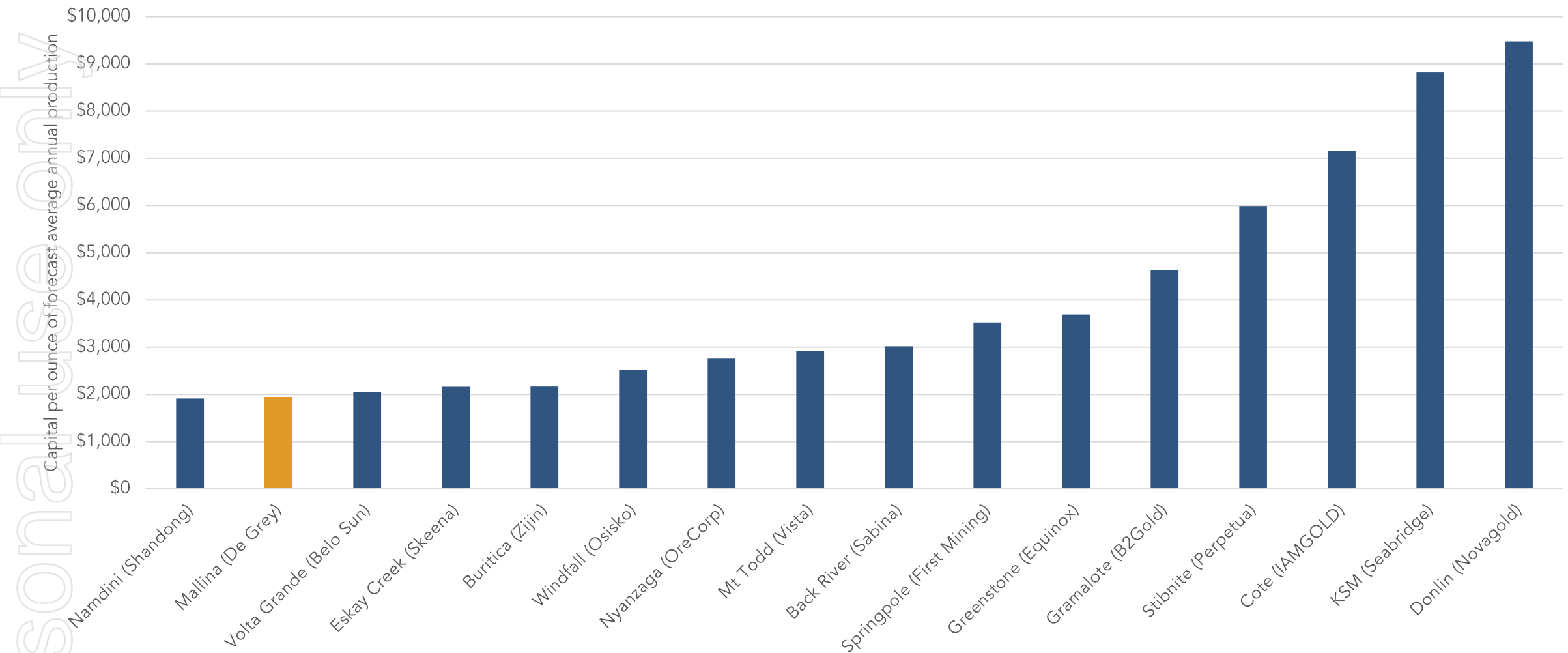
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Comparison made between Mallina PFS estimates and current major non-producing gold development assets globally. Referencing contained in Appendices.

# GOLD DEVELOPMENT ASSET CAPITAL INTENSITY

One of the lowest capital intensity gold projects on a global scale

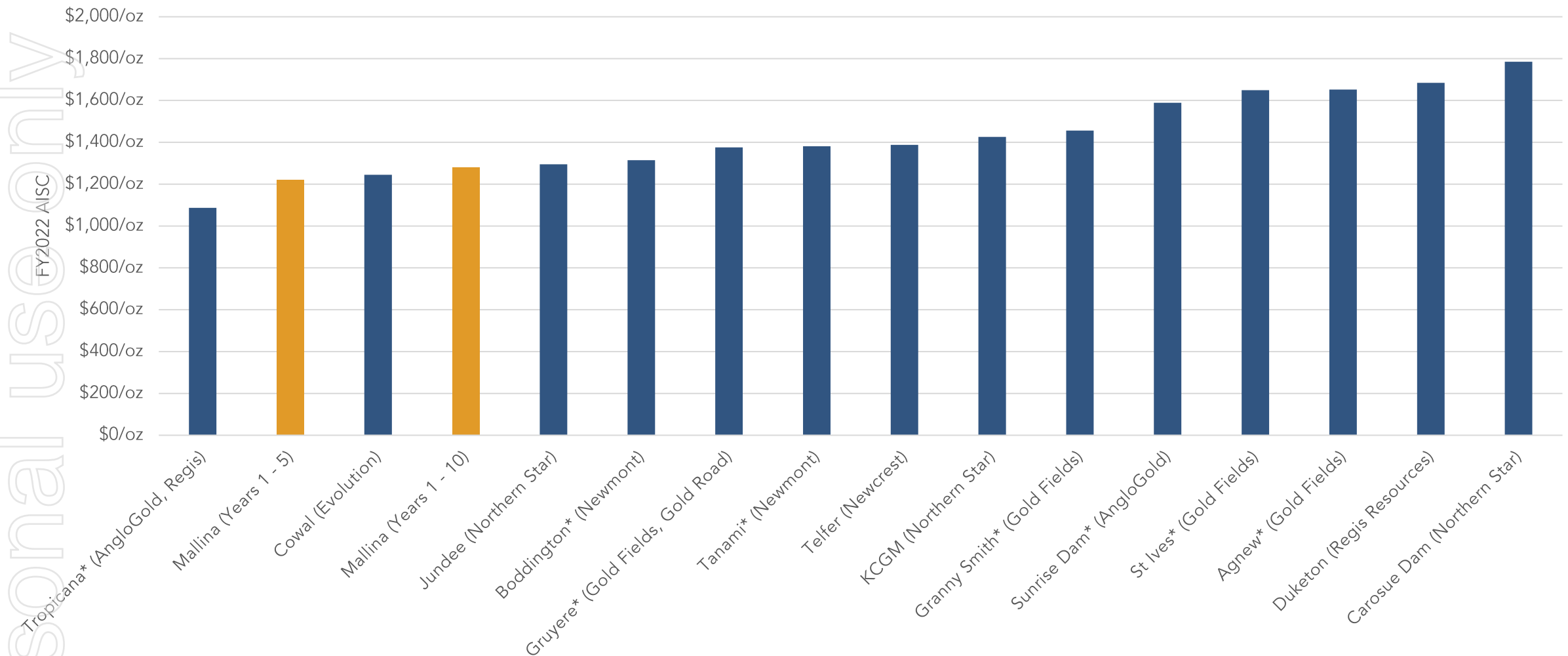


Comparison made between Mallina PFS estimates and current major non-producing gold development assets globally. Referencing contained in Appendices.



# AUSTRALIAN GOLD ASSET AISC

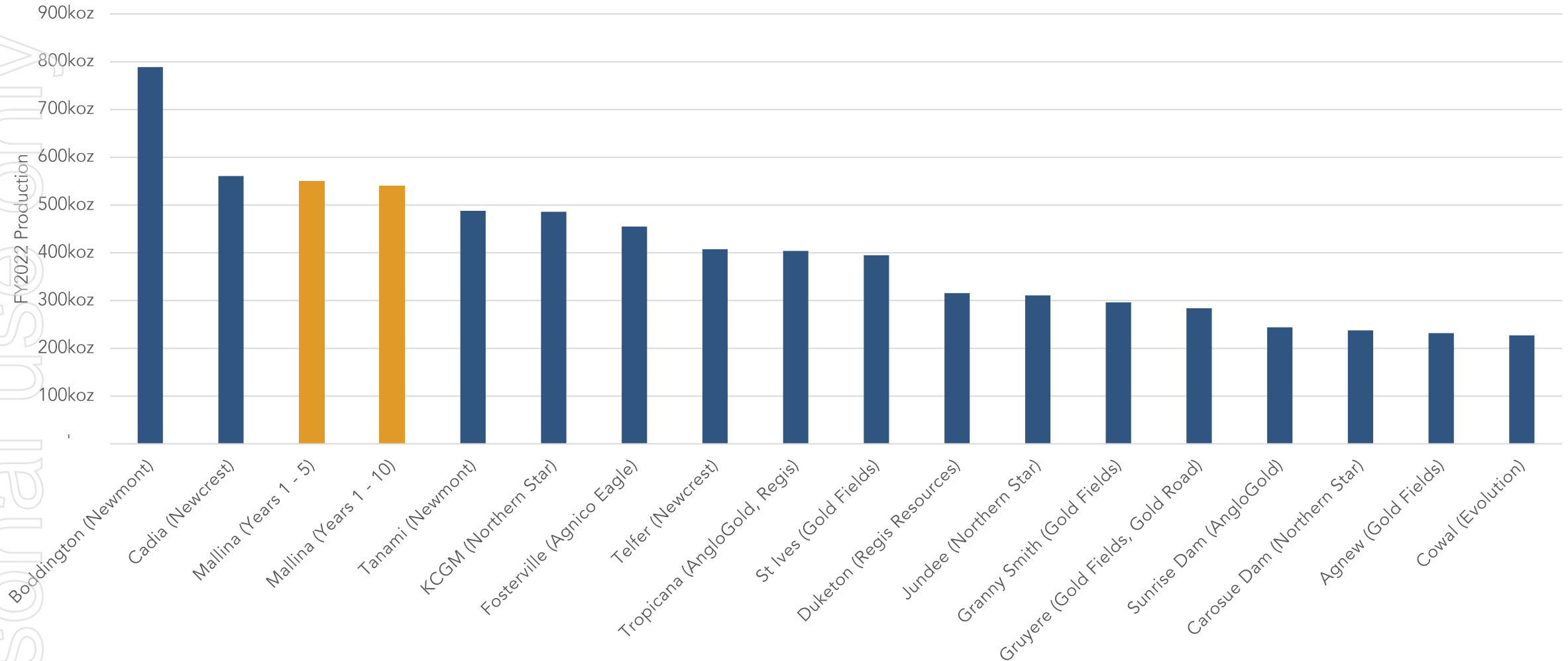
A future low cost, large scale gold producer located in a Tier 1 jurisdiction



Comparison made between Mallina PFS estimates and current producing gold mines in Australia. \*Denotes reported AISC in H2 FY2022. Referencing contained in Appendices.

# AUSTRALIAN GOLD ASSET ANNUAL PRODUCTION

## Future top five Australian gold producer



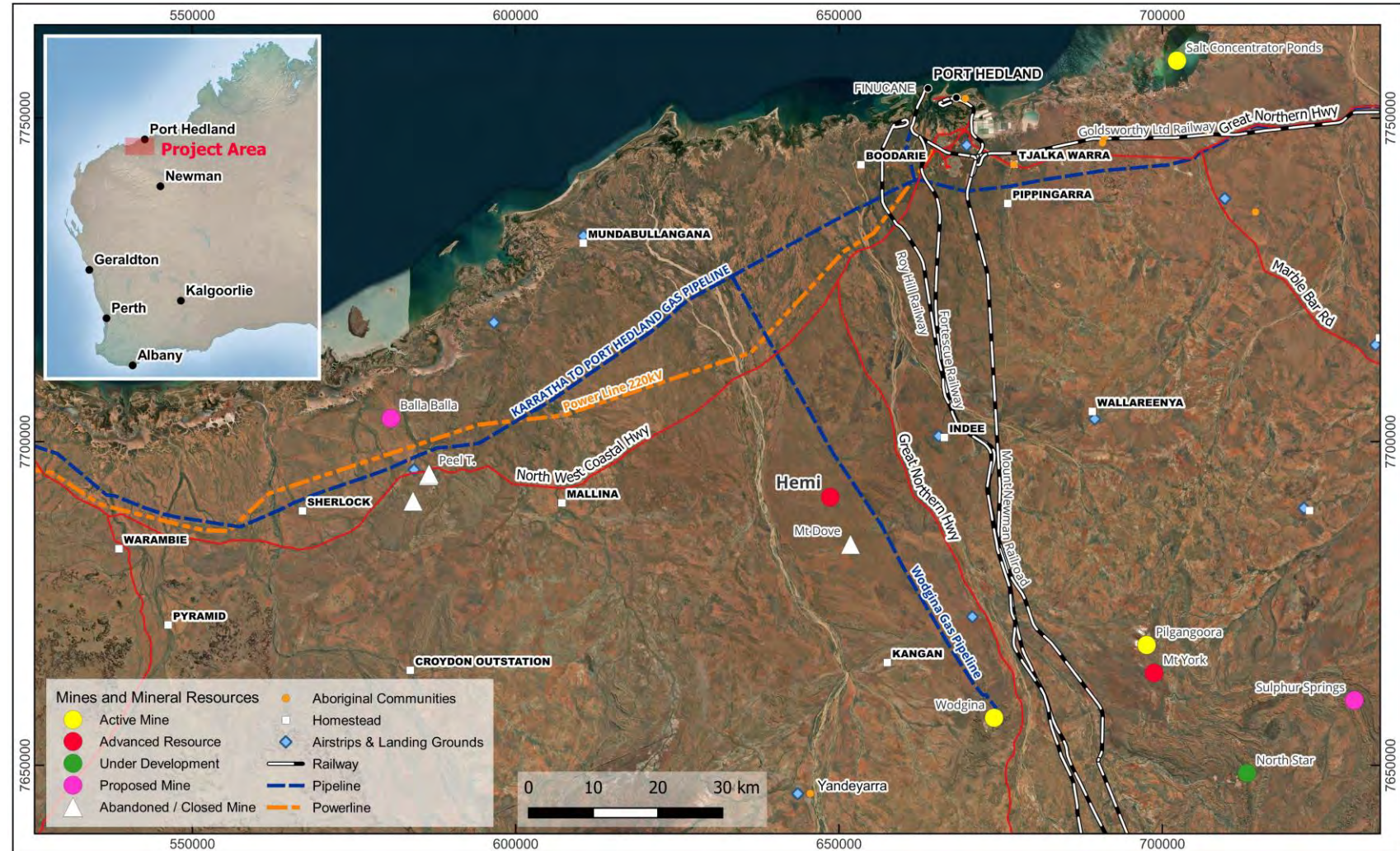
Comparison made between Mallina PFS estimates and current producing gold mines in Australia. Referencing contained in Appendices.



# A TIER 1 MINING REGION

## Project favourably located close to existing infrastructure

- Hemi is ideally located 85km by road from Port Hedland, a major mining service centre and import terminal
- Existing infrastructure located within 20km of Hemi:
  - Two major sealed highways
  - Two gas pipelines
  - 220kV transmission line
- Large scale renewable energy projects currently being established in the region
- Sufficient good quality water





# WHERE WE ARE TODAY

Advancing a Tier 1 project towards production

## PRE-FEASIBILITY STUDY COMPLETED

Confirms a technically and financially compelling project

**MINING AGREEMENT  
WITH THE KARIYARRA  
PEOPLE** Hemi, project infrastructure and most Regional deposits

**MINING LEASE  
APPLICATIONS**  
Hemi and most Regional deposits

**TECHNICAL DE-RISKING**  
Continued pilot scale metallurgical testwork and optimisation

**INFILL DRILLING TO BUILD  
RESERVES FOR DFS**  
Complete this quarter then refocus on exploration

**PROJECT FINANCE  
PROCESS ADVANCING**  
Strong interest from potential debt providers using PFS





# AND WHERE WE'RE HEADING

Advancing a Tier 1 project towards production

## COMPLETION OF DFS AND PROJECT STUDIES

mid-2023 including detailed engineering, development schedule and cost estimate

## ORDER LONG-LEAD TIME ITEMS

key project infrastructure including major process plant equipment

## COMPLETE PROJECT APPROVALS PROCESS

focus on environmental and other statutory permitting

## PROJECT FUNDING STRATEGY

mid-2023 with potential financiers utilising DFS to support a final investment decision

## ORGANISATION CAPABILITY


Project Director appointed building capability for project development continues

## CONTINUING EXPLORATION

targeting the discovery of shallow, +1Moz deposits

# PRE-FEASIBILITY STUDY EVALUATION HIGHLIGHTS

## Compelling physical metrics



A future top 5  
Australian Gold Mine  
based on production




Total production **6.4Moz over  
13.6 years**



Mining physicals  
**136Mt @ 1.6g/t Au**  
processed at 93.6% recovery

Annual production  
550koz: first 5 years  
540koz: first 10 years



Maiden Ore Reserve  
**5.1Moz @ 1.5g/t Au**

Plant  
throughput



**10Mtpa**



# PRE-FEASIBILITY STUDY EVALUATION HIGHLIGHTS

## Compelling financial metrics

### Undiscounted free cash flow



\$5,900M: pre-tax

\$4,200M: post-tax

NPV<sub>5%</sub>

\$3,900M: pre-tax  
\$2,700M: post-tax

### IRR



51%: pre-tax

41%: post-tax

### Pre-production capital

\$985M cost of plant and infrastructure including \$100M growth allowance plus

\$68M pre-stripping cost

### AISC



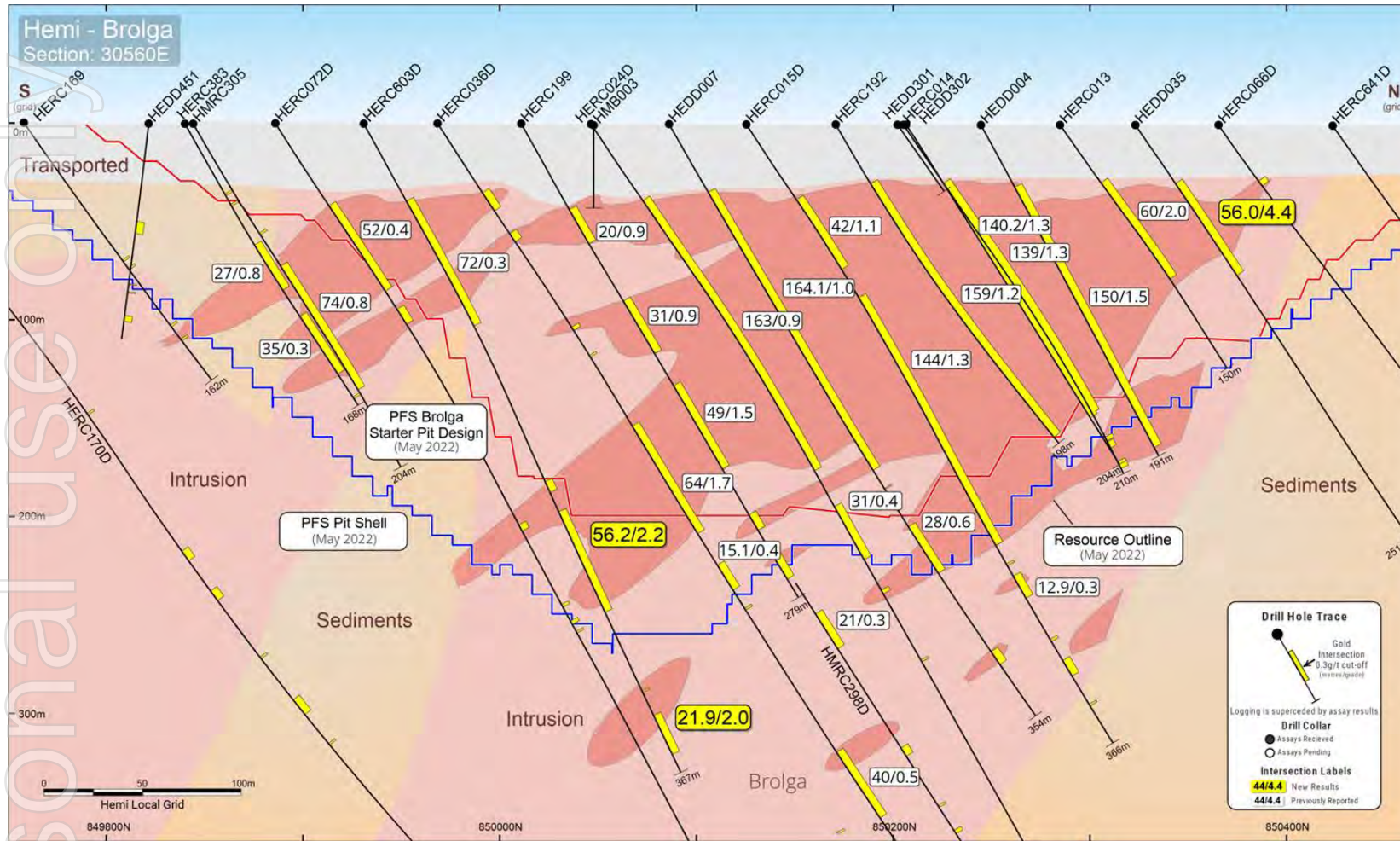
\$1,220/oz: first 5 years

\$1,280/oz: first 10 years

Unleveraged  
payback  
period

1.6 years: pre-tax  
1.8 years: post-tax

# BROLGA STARTER PIT – PROJECT PAYBACK < 2 YRS



- Brolga starter pit (PFS):
  - 20Mt @ 1.7g/t Au for 1.1Moz
  - Overall strip ratio 2.3:1
  - Operating cost A\$860/oz
  - Generates ~A\$1.6B free cashflow
  - Pays back project capital in 2 yrs
- To be enhanced for DFS
- ~600m E-W, 300m N-S, 250m deep
- Massive, consistent grade, intrusive
- Resource definition drilling has improved grade and contained gold
- Open down plunge and south west
- Access to mineralisation beneath all Hemi pits by decline from Brolga starter pit
- Recent results (16 March) confirm quality and extensional potential



# HIGH OUNCES PER VERTICAL METRE

Gold endowment from large scale open pit mining underpins short payback period

Deposit	Oz/Vm (<370m)
Brolga	6,700 including 10,700 above 200m
Aquila	2,450
Crow	3,100
Falcon	3,800
Diucon	4,700
Eagle	2,800
TOTAL	23,550

Only open pit resources within 370m of surface reported

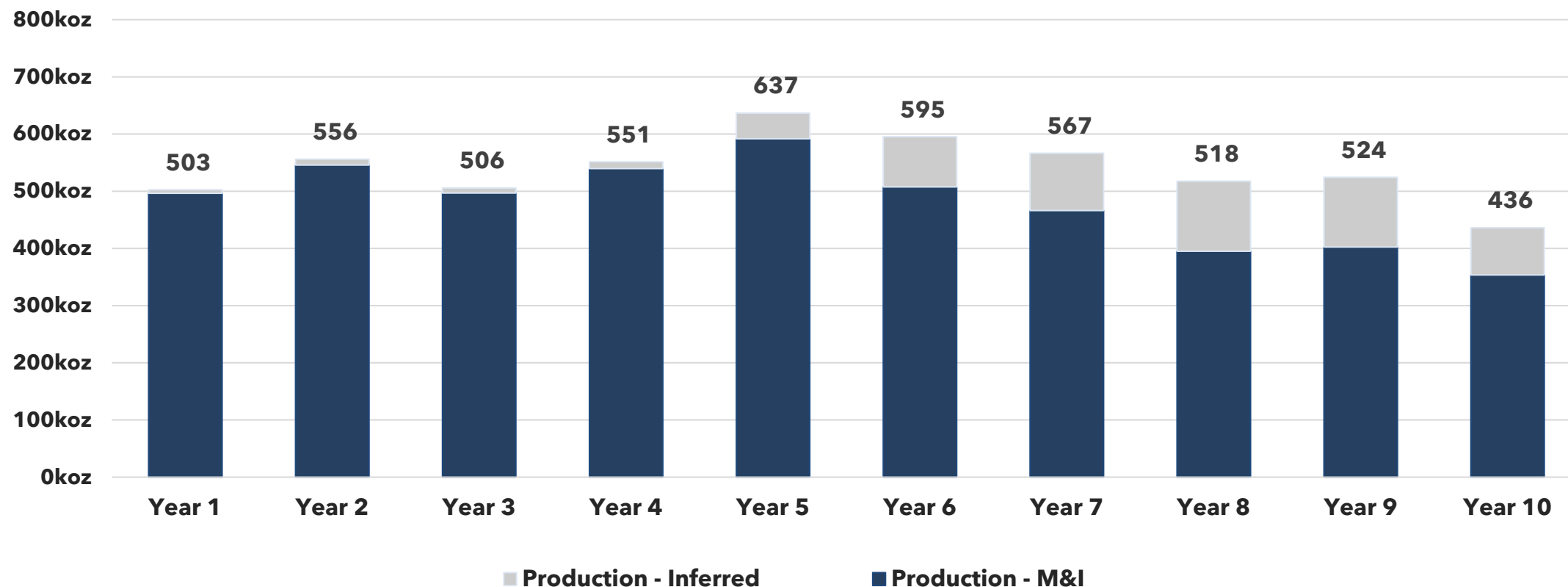




# PFS PRODUCTION PROFILE

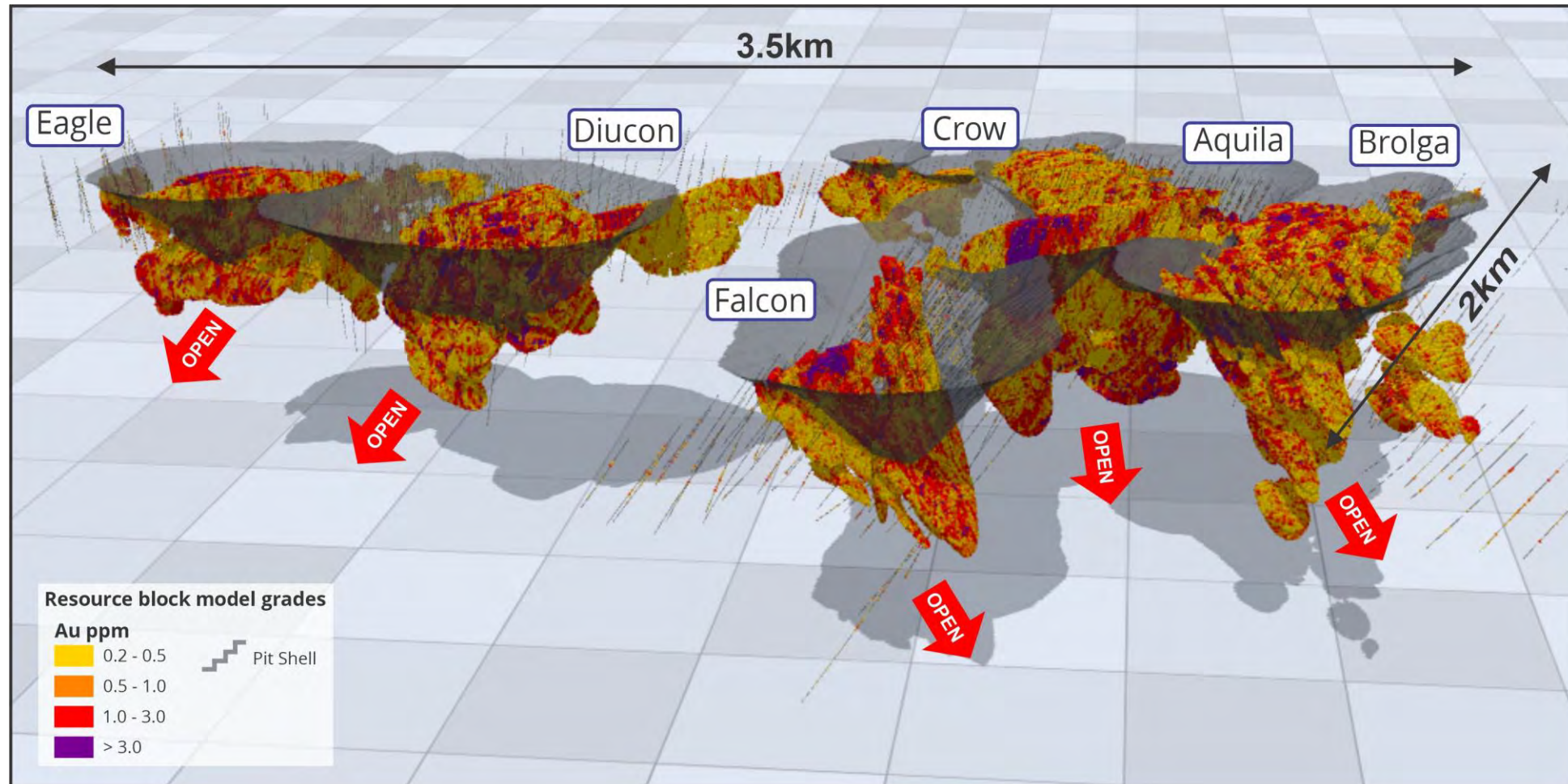
Average production of 540koz per annum over the first 10 years

- Current infill and Hemi and geotechnical and metallurgical drilling at Regional deposits
- Aiming to increase the percentage of Indicated resources and Probable reserves particularly in early years to maximise debt carrying capacity



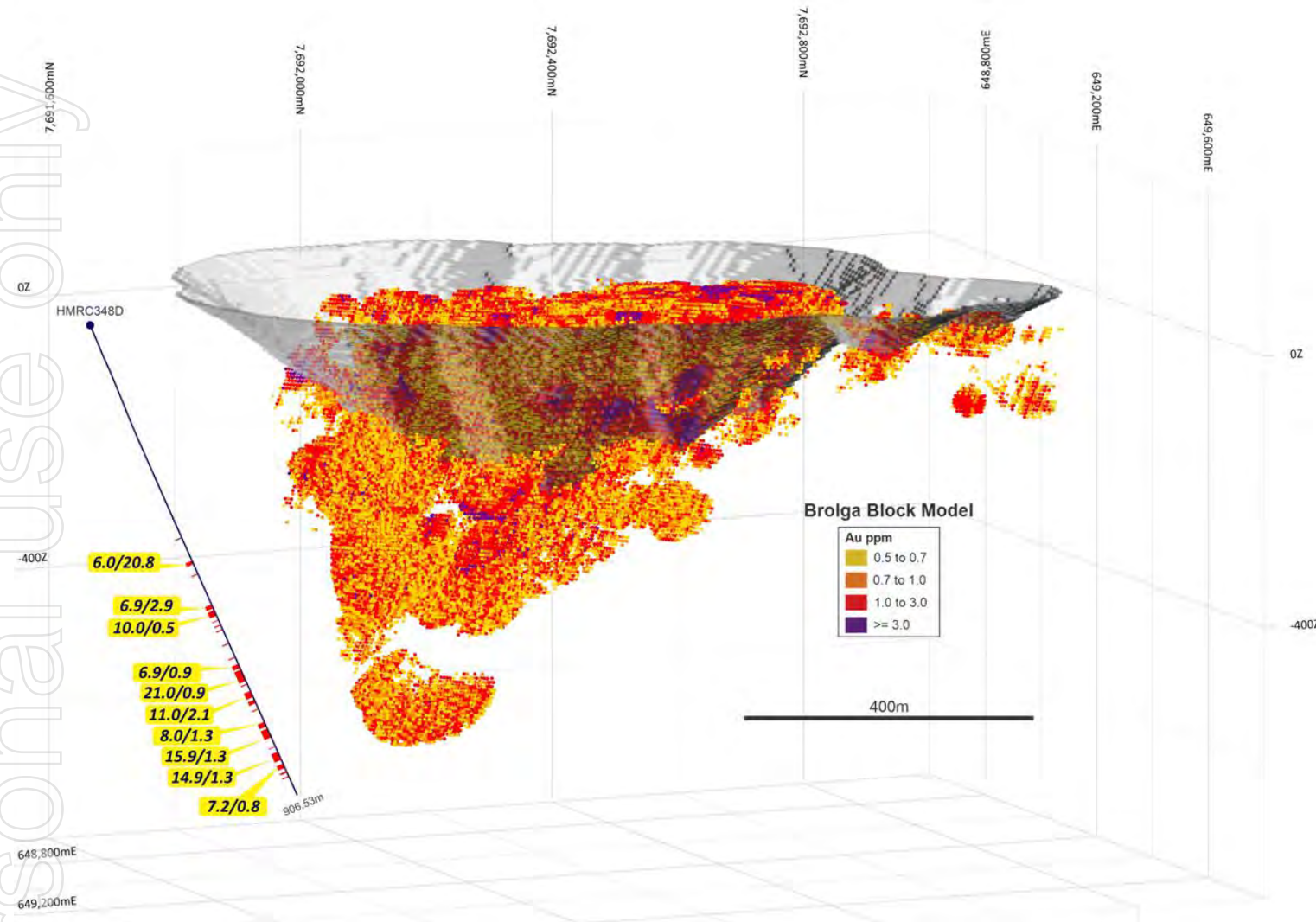
# EXTENSION POTENTIAL AT HEMI

Hemi deposits remain open at depth and along strike



# EXTENSION POTENTIAL AT HEMI - Brolga

ersonal use only

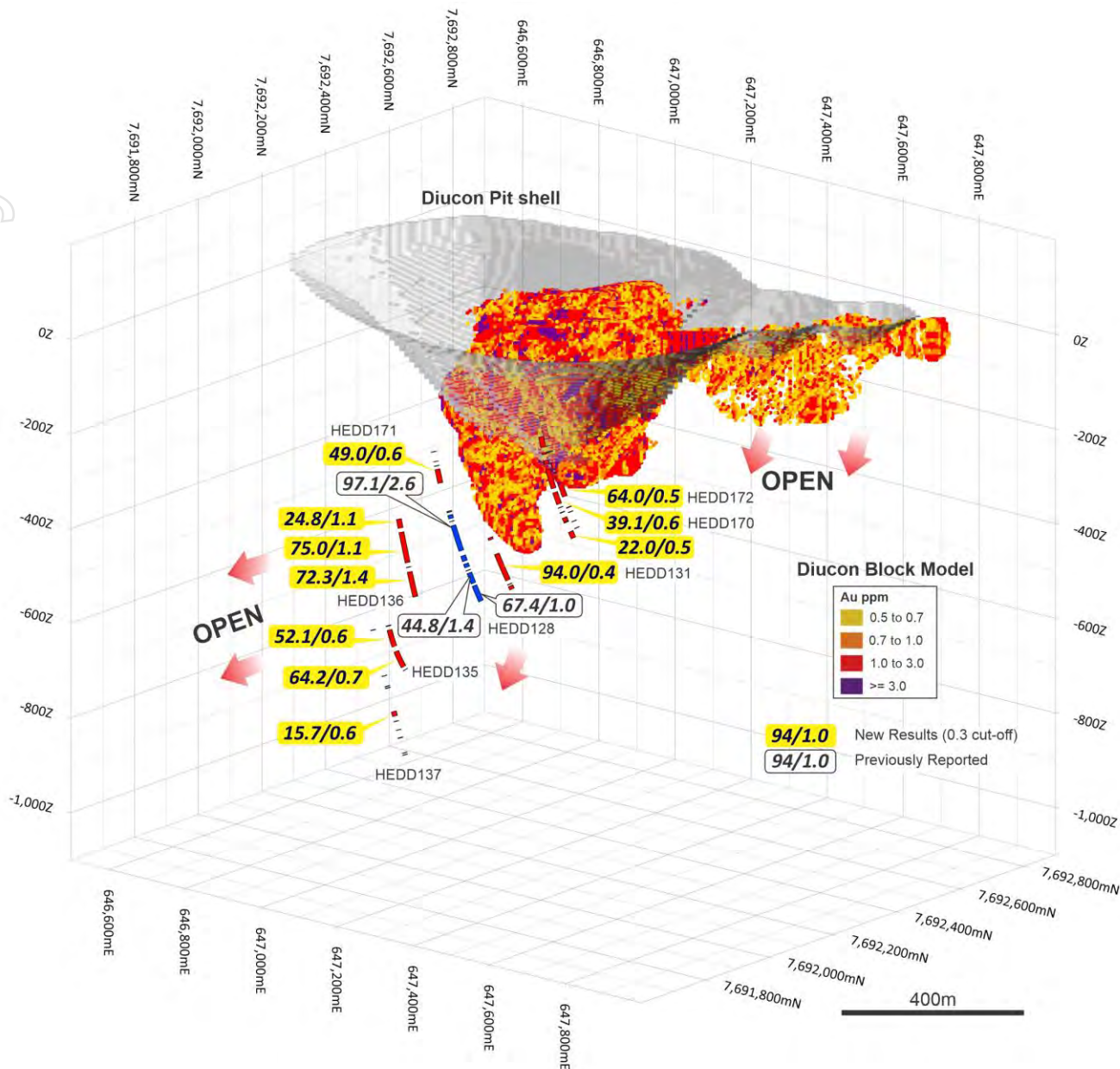


## Brolga (2.4Moz resource)

- Major intersections (16 March) ~200m down plunge of May 2022 Mineral Resource:
  - 6.0m @ 20.8g/t Au and
  - 219.7m @ 0.6g/t A in HMRC348D
  - Higher grade intervals include 6.9m @ 2.9g/t Au, 11.0 @ 2.1g/t Au
  - Open



# EXTENSION POTENTIAL AT HEMI - Diucon

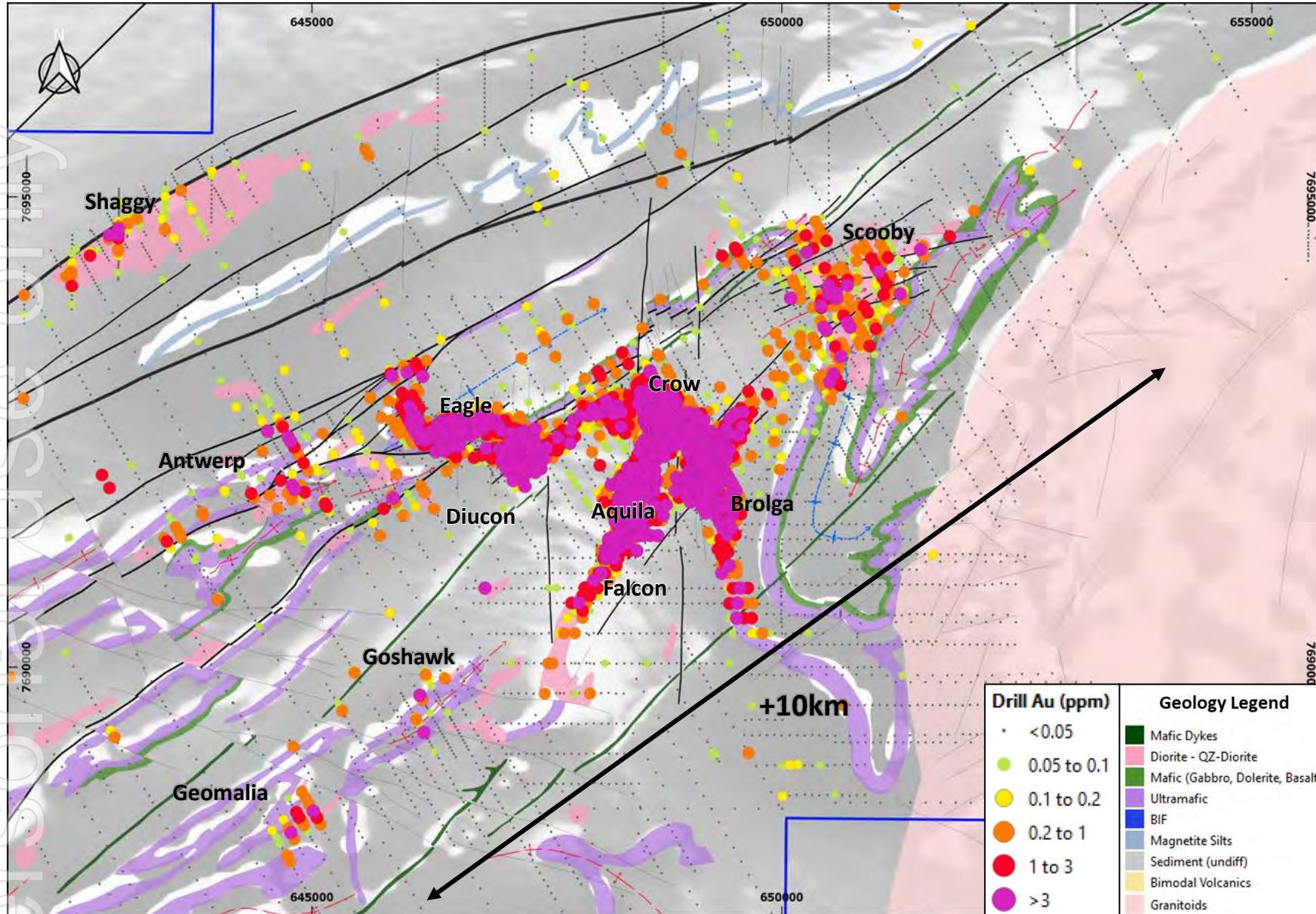


## Diucon (1.6Moz resource)

- Major intersections (15 February) +200m beneath May 2022 Mineral Resource and PFS pit shells:
  - 359.4m @ 1.2g/t Au in HEDD128
  - 75m @ 1.1g/t and 72.3m @ 1.4g/t Au in HEDD136
  - Higher grade intervals include 19.3m @ 7.4g/t, 2m @ 22.5g/t, 1.7m @ 17.6g/t Au and 0.6m @ 38.6g/t



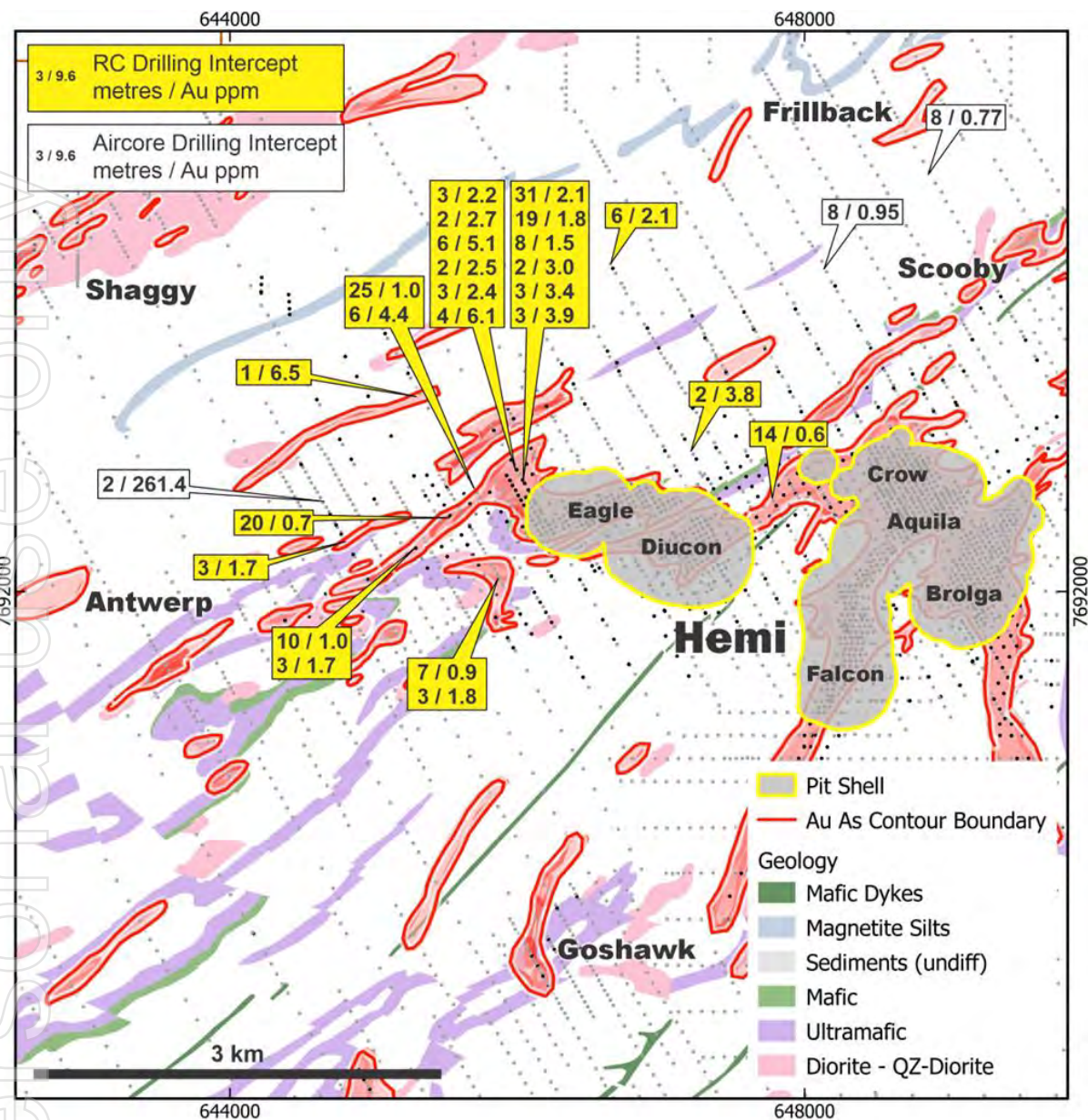
# REFOCUS NEAR SURFACE DISCOVERIES - Hemi



- Drilling in 2022 focused on resource extension and definition drilling at Hemi
- Anomalous gold has been intersected along a 10km corridor
- Numerous intrusive targets require follow up with RC and DD
- Targeting additional large scale, near surface, intrusion hosted deposits



# ENCOURAGING RESULTS AT ANTWERP

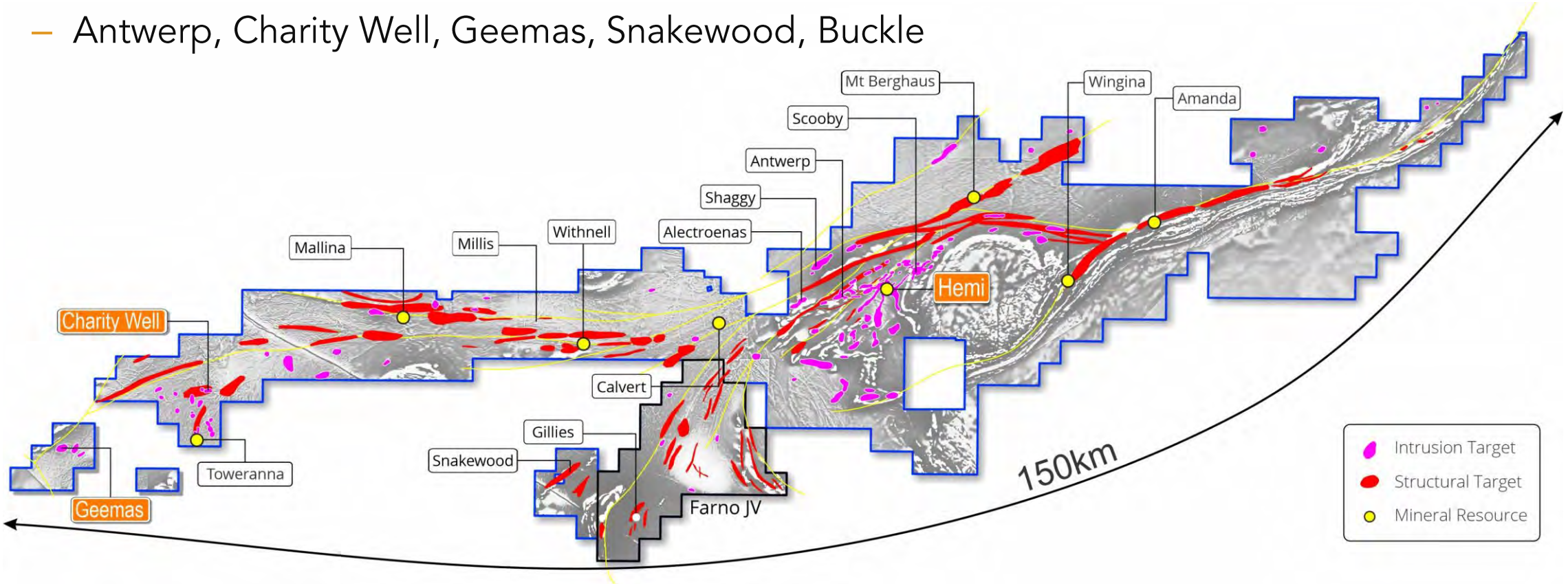


- Continued gold anomalism at Antwerp to the west of Eagle (22 November 2022)
- New aircore results include:
  - 2m @ 261.4g/t Au from 36m and
  - 1m @ 41.6g/t Au from 59m in aircore
- First pass RC results include:
  - 6m @ 4.4g/t Au from 28m,
  - 6m @ 2.1g/t Au from 43m,
  - 25m @ 1.0g/t Au from 78m and
  - 6m @ 5.1g/t Au from 240m
- Targeting new large scale, near surface, intrusion hosted gold deposits

# TRANSFORMATIONAL REGIONAL POTENTIAL

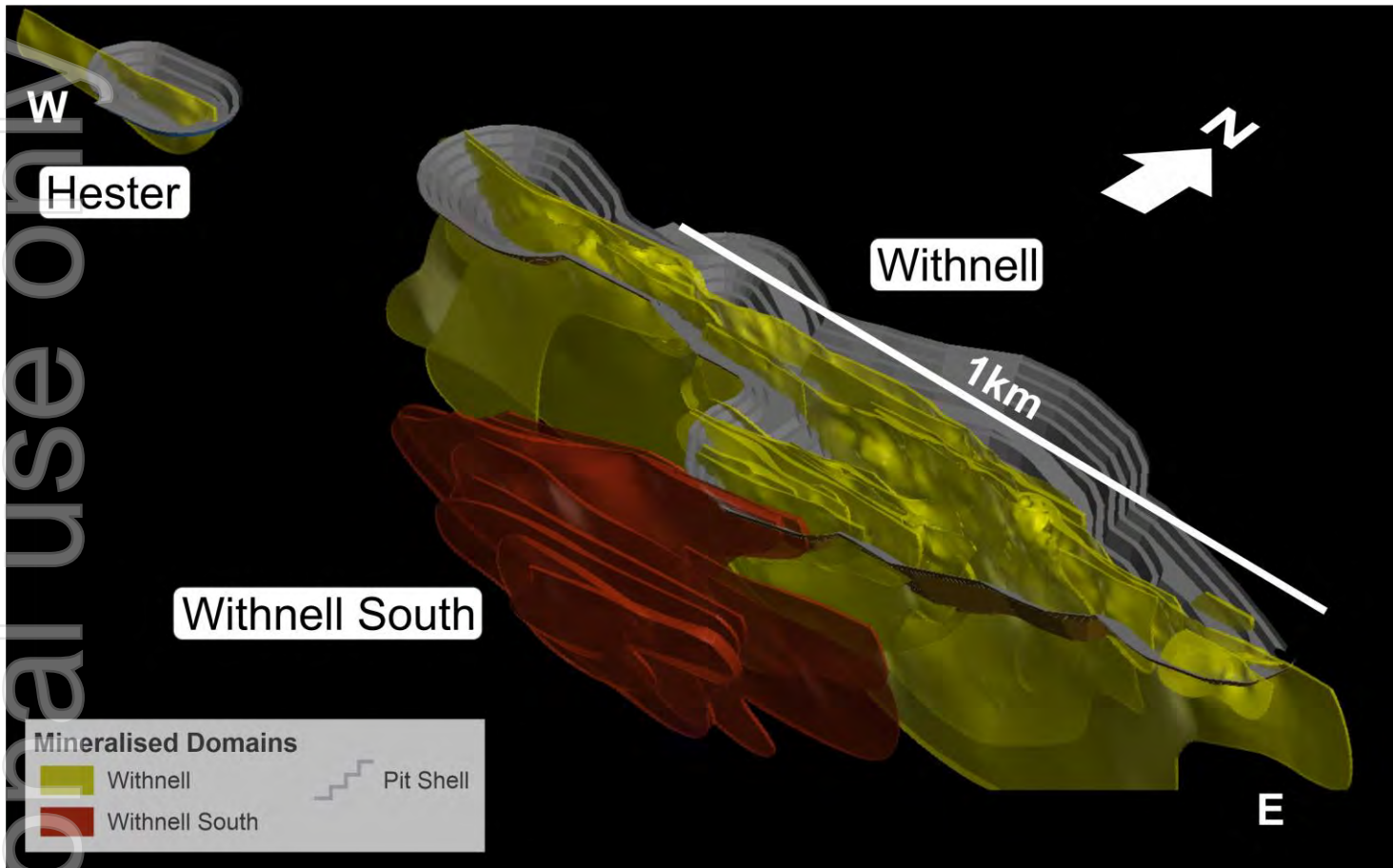
Drilling to date has only effectively tested a small portion of the project area

- Exploration activities continue across the Project aiming to increase existing Resources:
  - Calvert, Withnell, Mallina
- And make new discoveries:
  - Antwerp, Charity Well, Geemas, Snakewood, Buckle





# REGIONAL POTENTIAL – Withnell new lode discovery



## Withnell (0.6Moz resource)

- Series of new lodes discovered south of the existing Withnell deposit (13 February):
- Intersections include:
  - 20m @ 1.6g/t Au and 9m @ 4.6g/t Au in MWRC0320
  - 27m @ 1.0g/t Au in MWRC0224
- Recent metallurgical hole at Withnell (drilled down plunge) returned 155.7m @ 2.3g/t Au
- Open

# PROCESS OPTIMISATION ADVANCING

## Pilot-scale POx testwork continues to return strong results

- Second pilot POx testwork on Brolga concentrate conducted at Sherritt in Canada demonstrates excellent kinetics
- Confirms first PFS Brolga pilot testwork conducted at ALS in Perth
- Further flotation and POx pilot testwork continues at ALS

Compartment	Residence Time (min)	Cumulative Residence Time (min)	Cumulative Sulphide Oxidation (%)
C1 – 3	36	36	93.7
C4	10	46	97.7
C5	9	55	98.4
C6	7	62	98.2





# PRINCIPLES INCORPORATED INTO STUDIES

## Building sustainability into our development

- Ability to integrate modern practices and standards into the development of a new greenfields gold mining operation
- Adoption of the ICMM's Principles which align with the UN Sustainable Development goals for future studies and development phases
- Board has also resolved to adhere to the Task Force on Climate-Related Financial Disclosures (TCFD)
- DFS to incorporate practical outcomes in critical sustainability areas including the use of renewable energy, mining fleet options, future procurement decisions, environmental management, community engagement and mine closure planning

Acting ethically

Community engagement

Caring for the environment

Working with Traditional Owners

Health and safety practices



# UPSIDE BEYOND PFS METRICS

- 1 Increasing the resource base at the Hemi and Regional deposits through extensional drilling
- 2 Increasing production potential by conducting new pit shell optimisations in areas where resources have been extended
- 3 Increasing the percentage of JORC Indicated mineralisation within the open pit designs at Hemi
- 4 Increasing Ore Reserves at Hemi through targeted resource definition drilling
- 5 Maiden Ore Reserve for the Regional deposits through additional technical studies and targeted resource definition drilling
- 6 Assessing the potential for concurrent underground and open pit mining
- 7 New discoveries that could result from extensive and ongoing exploration activities





# FOCUS FOR 2023

## Advancing Tier 1 discovery to production

- Progress project studies through to a definitive feasibility study (DFS)
- Conduct minor resource infill drilling within pit shells at Hemi and Regional deposits with to increase reserves and maximise debt funding potential
- Continue project de-risking through studies and testwork
- Continue exploration around Hemi and Regionally for large scale, near surface intrusion hosted discoveries
- Continued resource extension drilling at Hemi and Regional deposits
- Assess all project financing opportunities to optimise shareholder value and debt carrying and secure project financing
- Progress statutory approvals and conduct early works
- Place deposits for long lead time equipment



# CONSISTENT GROWTH STRATEGY

## Delivering a Tier 1 Australian gold operation



De Grey becoming a Tier 1 gold producer at Hemi to maximise shareholder value



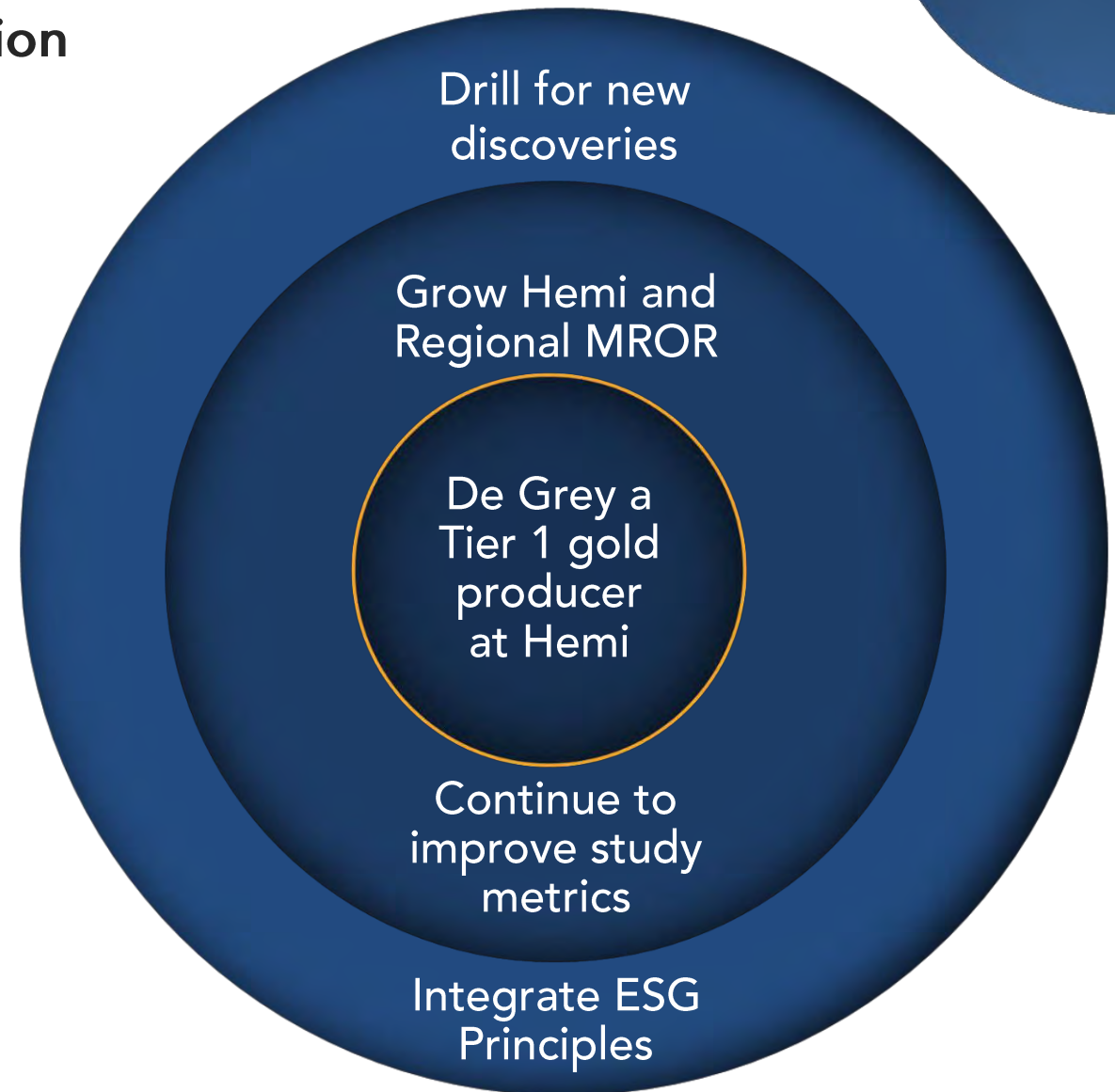
Increase Ore Reserve and Mineral Resource (MROR) scale, confidence level and production target



Continue to make new discoveries near surface and at depth



Continue to grow organisational capability in people and systems to meet strategy





# CONTACT US

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# HEMI MINERAL RESOURCE (MAY 2022)

## A highly robust estimate based on extensive drilling

- Based on 323 diamond drill holes (83,933m) and 949 RC holes including pre-collars (232,012m)
- Discovery cost of \$10/oz for Inferred Resources and \$17/oz for Indicated Resources
- Resources within 370m of surface considered suitable for large scale open pit mining
- Limited drilling has been conducted testing the deposits below 370m depth

Depth	Indicated			Inferred			Total		
	Mt	Au g/t	Koz	Mt	Au g/t	Koz	Mt	Au g/t	Koz
0m – 370m	139.1	1.3	5,804	68.9	1.0	2,251	208.0	1.2	8,053
Below 370m	–	–	–	5.2	2.5	417	5.2	2.5	417
Total Hemi	139.1	1.3	5,804	74.1	1.1	2,666	213.3	1.2	8,470



# HEMI RESOURCE (MAY 2022) BY DEPOSIT

Significant increase in contained ounces and grade at Diucon and Eagle

Deposit	Indicated			Inferred			Total		
	Mt	Au g/t	Koz	Mt	Au g/t	Koz	Mt	Au g/t	Koz
Aquila	12.9	1.5	610	7.6	1.3	311	20.5	1.4	921
Brolga	37.3	1.3	1,611	24.2	1.1	821	61.6	1.2	2,432
Crow	20.3	1.1	700	12.5	1.2	474	32.8	1.1	1,174
Diucon	29.4	1.4	1,311	8.6	1.2	325	37.9	1.3	1,635
Eagle	16.6	1.2	636	9.9	1.0	312	26.5	1.1	948
Falcon	22.7	1.3	937	11.4	1.2	422	34.1	1.2	1,359
Total Hemi	139.1	1.3	5,804	74.1	1.1	2,666	213.3	1.2	8,470

# HIGH RESOURCE CONFIDENCE

Mineral Resources contained within a \$2,500/oz open pit shell at various cut-off grades

Cut-off grade (Au g/t)	Indicated			Inferred			Total			Indicated (%)
	Mt	Au g/t	Koz	Mt	Au g/t	Koz	Mt	Au g/t	Koz	
0.3	133.6	1.3	5,651	26.9	1.1	988	160.5	1.3	6,639	85.1%
0.4	120.2	1.4	5,500	23.5	1.3	950	143.7	1.4	6,450	85.3%
0.5	107.4	1.5	5,315	20.4	1.4	905	127.8	1.5	6,220	85.4%
0.6	95.8	1.7	5,110	17.7	1.5	858	113.5	1.6	5,968	85.6%
0.7	85.5	1.8	4,895	15.4	1.6	810	100.9	1.8	5,705	85.8%

Only open pit resources reported from Hemi. Regional resources excluded.



# MALLINA PROJECT MINERAL RESOURCE

Australia's largest undeveloped gold project – and still growing

MGP Mining Centre	Total		
	Mt	Au g/t	Koz
Hemi Mining Centre	213.3	1.2	8,470
Withnell Mining Centre	25.6	2.0	1,626
Wingina Mining Centre	11.9	1.4	538
Total	250.7	1.3	10,634

Hemi - 0.3g/t Au Cut-off above 370m depth, 1.5g/t Au Cut-off below 370m depth, assays to 5 April 2022, rounding errors may occur  
Withnell & Wingina Mining Centre estimates remain unchanged from Feb 2020

# HEMI MAIDEN ORE RESERVE

High conversion rate from the current 5.8Moz Indicated Resource at Hemi

Mining Centre	Type	Proved			Probable			Total		
		Mt	Au g/t	Koz	Mt	Au g/t	Koz	Mt	Au g/t	Koz
Hemi Mining Centre	Oxide	-	-	-	7.3	1.7	403	7.3	1.7	403
	Transition	-	-	-	6.0	1.7	329	6.0	1.7	329
	Sulphide	-	-	-	90.1	1.5	4,408	90.1	1.5	4,408
	Total	-	-	-	103.4	1.5	5,139	103.4	1.5	5,139



# APPENDIX: AUSTRALIAN OPERATIONS FY2022

Asset	Owner	Production (koz)	AISC (\$/oz)	Source
Boddington	Newmont	789.00	1314.6*	<a href="https://www.newmont.com/investors/news-release/news-details/2022/Newmont-Announces-Second-Quarter-2022-Results/default.aspx">https://www.newmont.com/investors/news-release/news-details/2022/Newmont-Announces-Second-Quarter-2022-Results/default.aspx</a>
Cadia	Newcrest	560.70	-	<a href="https://www.asx.com.au/asxpdf/20220721/pdf/45c17j041vwb1d.pdf">https://www.asx.com.au/asxpdf/20220721/pdf/45c17j041vwb1d.pdf</a>
Tanami	Newmont	488.00	1381.2*	<a href="https://www.newmont.com/investors/news-release/news-details/2022/Newmont-Announces-Second-Quarter-2022-Results/default.aspx">https://www.newmont.com/investors/news-release/news-details/2022/Newmont-Announces-Second-Quarter-2022-Results/default.aspx</a>
KCGM	Northern Star	486.00	1426	<a href="https://www.asx.com.au/asxpdf/20220720/pdf/45bzzv6w7jxr90.pdf">https://www.asx.com.au/asxpdf/20220720/pdf/45bzzv6w7jxr90.pdf</a>
Fosterville	Agnico Eagle	455.04	-	<a href="https://s21.q4cdn.com/374334112/files/doc_presentations/2022/Q2-2022-Presentation-Final.pdf">https://s21.q4cdn.com/374334112/files/doc_presentations/2022/Q2-2022-Presentation-Final.pdf</a>
Telfer	Newcrest	407.55	1388	<a href="https://www.asx.com.au/asxpdf/20220721/pdf/45c17j041vwb1d.pdf">https://www.asx.com.au/asxpdf/20220721/pdf/45c17j041vwb1d.pdf</a>
Tropicana	AngloGold	404.00	1087*	<a href="https://www.asx.com.au/asxpdf/20220726/pdf/45c53bkb43lgbk.pdf">https://www.asx.com.au/asxpdf/20220726/pdf/45c53bkb43lgbk.pdf</a>
St Ives	Gold Fields	394.80	1649*	<a href="https://www.goldfields.com/reports/q2-2022/pdf/booklet.pdf">https://www.goldfields.com/reports/q2-2022/pdf/booklet.pdf</a>
Duketon	Regis	315.50	1684	<a href="https://www.asx.com.au/asxpdf/20220726/pdf/45c53bkb43lgbk.pdf">https://www.asx.com.au/asxpdf/20220726/pdf/45c53bkb43lgbk.pdf</a>
Jundee	Northern Star	310.82	1295	<a href="https://www.asx.com.au/asxpdf/20220720/pdf/45bzzv6w7jxr90.pdf">https://www.asx.com.au/asxpdf/20220720/pdf/45bzzv6w7jxr90.pdf</a>
Granny Smith	Gold Fields	296.30	1456*	<a href="https://www.goldfields.com/reports/q2-2022/pdf/booklet.pdf">https://www.goldfields.com/reports/q2-2022/pdf/booklet.pdf</a>
Gruyere	Gold Fields	284.00	1376*	<a href="https://www.asx.com.au/asxpdf/20220728/pdf/45c7kmyjc0dfwr.pdf">https://www.asx.com.au/asxpdf/20220728/pdf/45c7kmyjc0dfwr.pdf</a>
Sunrise Dam	Anglo Gold	244.00	1589*	<a href="https://thevault.exchange/?get_group_doc=143/1659671091-Interim2022Summaryofoperations.pdf">https://thevault.exchange/?get_group_doc=143/1659671091-Interim2022Summaryofoperations.pdf</a>
Carosue Dam	Northern Star	237.63	1785	<a href="https://www.asx.com.au/asxpdf/20220720/pdf/45bzzv6w7jxr90.pdf">https://www.asx.com.au/asxpdf/20220720/pdf/45bzzv6w7jxr90.pdf</a>
Agnew	Gold Fields	231.80	1652*	<a href="https://www.goldfields.com/reports/q2-2022/pdf/booklet.pdf">https://www.goldfields.com/reports/q2-2022/pdf/booklet.pdf</a>
Cowal	Evolution	227.11	1245	<a href="https://www.asx.com.au/asxpdf/20220721/pdf/45c16lp9t4l3jh.pdf">https://www.asx.com.au/asxpdf/20220721/pdf/45c16lp9t4l3jh.pdf</a>

Comparison made between Mallina PFS estimates and current producing gold mines in Australia. Mallina is not in production. \*Denotes reported AISC in H2 FY2022.

# APPENDIX: GLOBAL DEVELOPMENT PROJECTS

Asset	Owner	Forecast LOM Production (Koz pa)	Capex (\$m)	Capex (A\$m)	Capital Intensity (Capex \$/oz pa)	Source
Namdini	Shandong	287	390.1	549.3	1913.8	<a href="https://www.cardinalresources.com.au/wp-content/uploads/2019/11/25-Nov-2019-Cardinals-Namdini-FS-NI-43-101-DRAFT-locked.pdf-v2-3461-9335-8606-v.6.pdf-rs.pdf">https://www.cardinalresources.com.au/wp-content/uploads/2019/11/25-Nov-2019-Cardinals-Namdini-FS-NI-43-101-DRAFT-locked.pdf-v2-3461-9335-8606-v.6.pdf-rs.pdf</a>
Volta Grande	Belo Sun	205	298	419.6	2046.8	<a href="https://www.belosun.com/our-project/feasibility_study_results/">https://www.belosun.com/our-project/feasibility_study_results/</a>
Eskay Creek	Skeena	249	488	538.4	2162.4	<a href="https://skeenaresources.com/site/assets/files/6312/eskay_creek_pfs_technical_report.pdf">https://skeenaresources.com/site/assets/files/6312/eskay_creek_pfs_technical_report.pdf</a>
Buritica	Zijin	253	389.2	548	2166.1	<a href="https://www.continentalgold.com/continental-gold-announces-a-positive-feasibility-study-for-the-buritica-project-2/">https://www.continentalgold.com/continental-gold-announces-a-positive-feasibility-study-for-the-buritica-project-2/</a>
Windfall	Osisko	238	544	600.2	2522	<a href="https://www.osiskominig.com/projects/windfall/">https://www.osiskominig.com/projects/windfall/</a>
Nyanzaga	OreCorp	242	474	667.4	2757.9	<a href="https://orecorp.com.au/upload/documents/investor/asx/220822002319_220822-DFSAnnouncementFinal.pdf">https://orecorp.com.au/upload/documents/investor/asx/220822002319_220822-DFSAnnouncementFinal.pdf</a>
Mt Todd	Vista	430	892	1255.9	2920.9	<a href="https://www.vistagold.com/images/pdf/technical_reports/2022/John_Rozelle_-_VG-Mt_Todd_NI_43-101_FS_021722_1.pdf">https://www.vistagold.com/images/pdf/technical_reports/2022/John_Rozelle_-_VG-Mt_Todd_NI_43-101_FS_021722_1.pdf</a>
Back River	Sabina	223	610	673.1	3018.2	<a href="https://www.sabinagoldsilver.com/assets/docs/presentations/2021-09-08-CP-SBB.pdf">https://www.sabinagoldsilver.com/assets/docs/presentations/2021-09-08-CP-SBB.pdf</a>
Springpole	First Mining	287	718	1010.9	3522.5	<a href="https://firstmininggold.com/_resources/presentations/corporate-presentation.pdf">https://firstmininggold.com/_resources/presentations/corporate-presentation.pdf</a>
Greenstone	Equinox	366	1225	1351.6	3693	<a href="https://www.equinoxgold.com/operations/growth-projects/greenstone-project/#feasibility">https://www.equinoxgold.com/operations/growth-projects/greenstone-project/#feasibility</a>
Gramalote	B2Gold	281	925	1302.4	4635.1	<a href="https://www.b2gold.com/news/2021/b2gold-reports-strong-q1-2021-results-quarterly-total-gold-production-of-220644-oz-9-above-budget-cash-operating-costs-and-all-in-sustaining-costs-lower-than-budget">https://www.b2gold.com/news/2021/b2gold-reports-strong-q1-2021-results-quarterly-total-gold-production-of-220644-oz-9-above-budget-cash-operating-costs-and-all-in-sustaining-costs-lower-than-budget</a>
Stibnite	Perpetua	297	1263	1778.3	5987.7	<a href="https://perpetuaresources.com/wp-content/uploads/Perpetua-Resources_Investor-Presentation_June-2022.pdf">https://perpetuaresources.com/wp-content/uploads/Perpetua-Resources_Investor-Presentation_June-2022.pdf</a>
Cote	IAMGOLD	367	1866	2627.4	7159.2	<a href="https://s2.q4cdn.com/610165863/files/doc_downloads/2021/12/IAMGOLD_Cote_Factsheet_Dec21.pdf">https://s2.q4cdn.com/610165863/files/doc_downloads/2021/12/IAMGOLD_Cote_Factsheet_Dec21.pdf</a>
KSM	Seabridge	1027	6432	9056.6	8818.5	<a href="https://www.seabridgegold.com/press-release/seabridge-gold-completes-updated-preliminary-feasibility-study-for-ksm-project">https://www.seabridgegold.com/press-release/seabridge-gold-completes-updated-preliminary-feasibility-study-for-ksm-project</a>
Donlin	Novagold	1100	7402	10422.4	9474.9	<a href="https://www.novagold.com/properties/donlin_gold/overview/">https://www.novagold.com/properties/donlin_gold/overview/</a>

Comparison made between Mallina PFS estimates and current major non-producing gold development assets globally.