

DISCLAIMERS



Forward looking statements and forecasts

This presentation has been prepared by De Grey Mining Ltd and contains forward-looking statements. Forward-looking statements include those containing words such as "anticipate", "estimates", "forecasts", "indicative", "should", "will", "would", "expects", "plans" or similar expressions. Indications of, and guidance or outlook on, future earnings or financial position or performance, including forecast financial information derived from the production target and the DFS, are also forward-looking statements. You are cautioned not to place undue reliance on forward-looking statements. Forward-looking statements are provided as a general guide only.

Such forward-looking statements are based on information available as at the date of this presentation and are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, are preliminary views and are based on assumptions and contingencies subject to change without notice, and which could cause actual results or trends, projections, quidance and estimates to differ materially from those expressed in this presentation.

Relevant factors include risks associated with exploring for gold, project development and construction and the mining, processing and sale of gold, including without limitation, the ability to obtain debt finance on expected terms, obtaining environmental approvals and the time and conditions attached to the same, 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, geological and geotechnical events, and environmental issues, recruitment and retention of personnel, industrial relations issues and litigation.

Readers of this presentation are cautioned not to place undue reliance on forward-looking statements included in it.

Forward looking statements in this presentation only apply 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.

Production Targets

The production targets and forecast financial information derived from them in this announcement were reported in the Scoping, Preliminary Feasibility and Definitive Feasibility Studies for the Hemi Gold Project ("Project" or "Hemi") in the announcements titled "De Grey Mining Mallina Gold Project Scoping Study", "Mallina Gold Project Preliminary Feasibility Study Outcomes", "Hemi Gold Project Definitive Feasibility Study" and "Hemi Regional Scoping Study" dated 5 October 2021, 8 September 2022, 28 September 2023 and 11 July 2024, respectively. The total life of mine production of the Hemi Gold Project schedule is underpinned by 99% Probable Ore Reserves, with the remaining 1% being classified as Inferred Mineral Resources. The information in this presentation that related to the Regional Scoping Study and its outcomes for the Hemi Regional deposits ("Hemi Regional") is extracted from the ASX announcement "Hemi Regional Scoping Study" dated 11 July 2024. The Hemi Regional life of mine production is underpinned by 84% Measured and Indicated Mineral Resources, with the remaining 16% being classified as Inferred Mineral Resources.

There is a low level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources or that the production target itself will be realised. The stated production target is based on the Company's current expectations of future results or events and should not be solely relied upon by investors when making investment decisions. Further evaluation work and appropriate studies are required to establish sufficient confidence that this target will be met. De Grey confirms that the financial viability of the Hemi Gold Project and the Hemi Regionals is not dependent on the inclusion of Inferred Mineral Resources in the production schedule.

De Grey confirms that it is not aware of any new information or data that materially affects the information included in the latest of those announcements. All material assumptions and technical parameters underpinning the estimates or production targets or forecast financial information derived from a production target (as applicable) in the latest of those ASX announcements continue to apply and have not materially changed. De Grey confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the latest of those announcements.

DISCLAIMERS



Exploration Results

The information in this presentation that relates to the Company's Exploration Results is based on, and fairly represents, information and supporting documentation prepare by Mr Philip Tornatora, a Competent Person who is a member of the Australasian Institute of Mining and Metallurgy. Mr Tornatora is an employee of the Company and 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 Tornatora consents to the inclusion in this announcement of the matters based on his information and supporting documentation in the form and context in which it appears.

Mineral Resources and Ore Reserves

This announcement contains estimates of De Grey's Mineral Resources and Ore Reserves. The information in this presentation that relates to De Grey's Mineral Resources and Ore Reserves has been extracted from De Grey's previous ASX announcements including:

- 1. ASX announcement: "Hemi Gold Project Resource Update November 2023" dated 21 November 2023
- 2. ASX Announcement "Hemi Gold Project Definitive Feasibility Study" dated 28 September 2023 ("DFS")
- 3. ASX Announcement "Mallina Gold Project Resource Statement 2023" dated 15 June 2023
- 4. ASX Announcement "Mallina Gold Project Preliminary Feasibility Study Outcomes" dated 8 September 2022.
- 5. ASX announcement "Mallina Gold Project Resource Statement" dated 31 May 2022
- 6. ASX announcement "Mallina Gold Project Scoping Study" dated 5 October 2021
- ASX announcement "6.8Moz Hemi Maiden Mineral Resource drives MGP to 9.0Moz" dated 23 June 2021

Copies of these announcements are available at www.asx.com.au or https://degreymining.com.au/asx-releases/. De Grey confirms that it is not aware of any new information or data that materially affects the information included in those announcements and, in relation to the estimates of De Grey's Mineral Resources and Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the announcements continue to apply and have not materially changed. De Grey confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from those announcements.

Disclaimer

This presentation is dated 6 August 2024 and is current as at that date; the Company disclaims any obligation to update this presentation. It has been prepared with due care, but no representation is made as to the accuracy, fairness or completeness of the information. It contains a summary of information about the Company, is general in nature and does not purport to be complete, or contain all the information an investor would require when evaluating a possible investment in the Company. To the maximum extent permitted by law, the Company, related bodies corporate and their directors, agents, officers and advisers disclaim all liabilities and make no representations regarding the presentation. This presentation does not constitute financial product or investment advice and has been prepared without taking into account the objectives, financial or tax situation or particular needs of any individual investor. Seek advice from your own financial, legal, tax and other independent advisers.

ACKNOWLEDGEMENT OF COUNTRY

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

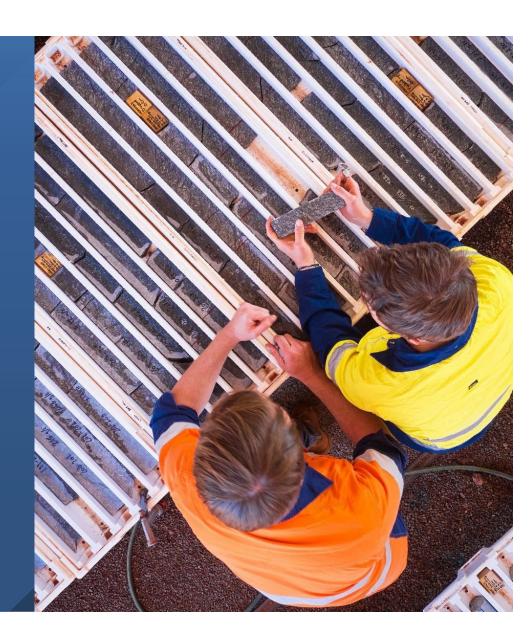
We pay our respects to all members of these Indigenous communities, and to Elders past, present and emerging. We also recognise the importance of continued protection and preservation of cultural, spiritual and educational practices.

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 OVERVIEW

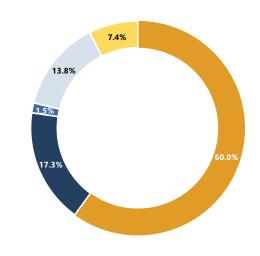
Corporate Structure

Shares (ASX:DEG)	2,397m
Performance Rights/Options	4m
Retention/Share Rights	1m
Share Price (11 Sep 2024)	\$1.11
Market Capitalisation (11 Sep 2024)	\$2,660m
Cash (30 June 2024)	\$867m
S&P/ASX 200 Index Inclusion	21 Mar 2022

Major Shareholders

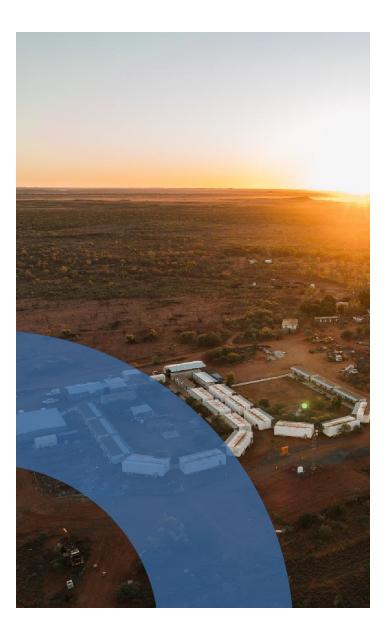
Top 50 Shareholders	77%
Top 100 Shareholders	85%

Shareholders



- Institutions
- Gold Road Resources
- Directors and Management
- Other
- Retail





BOARD OF DIRECTORS



Project development, operations management and governance capability



Simon Lill
Non-Executive Chair
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
Non-Executive 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

MANAGEMENT TEAM

Exploration, assessment, planning, construction and operations



Glenn Jardine Managing Director



Peter Holmes Project Director



Peter Canterbury Chief Financial Officer



Geoff FentonGM Operations



Courtney Morgan-Evans GM People and Capability



Phil Tornatora GM Exploration



Neil Foster Chief Sustainability & Risk Officer



Allan Kneeshaw GM Business Development



Sarah Standish General Counsel & Company Secretary



John Brockelsby GM Risk



THE PILBARA – A NEW GOLD PROVINCE

Advancing one of the world's premier gold development projects into production

- A +10Moz gold discovery at Hemi, located 85km by road from Port Hedland
- A 150km-long provincial scale tenement package
- Relatively limited drilling completed outside Hemi since its initial discovery in 2019
- High confidence in continued Mineral Resource and Ore Reserve growth
- Studies indicate Hemi will be a top five Australian gold mine
- Hemi's production potential has continued to grow throughout the studies phases as more exploration is completed
- A highly strategic regional asset for processing free milling and refractory gold ores and concentrates in the coming decades
- De Grey is aiming to deliver maximum shareholder returns through a future production re-rating and continued growth in production and mine life





A TIER 1 MINING REGION

Project favourably located close to existing world class 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 highways
 - Two gas pipelines
 - 220kV transmission line
- Large scale renewable energy projects being established in the region
 - Potential to access in future during operations
- Sufficient good quality water
- Mt Dove tenements and infrastructure lease



Hemi Project Location Map

PROJECT HIGHLIGHTS IN THE LAST YEAR



Building value and de-risking the Hemi Gold Project



September 2023

Grant of Hemi Mining Lease

September 2023

Release of DFS and Board approves commencement of pre-development works September 2023

Contemporaneous \$300M raising

October 2023

Commencement of Long Lead Item ordering and engineering



May 2024

\$600M equity raising

March 2024

Ivan Mullany Chair of Project Committee

November 2023

Updated Hemi Mineral Resource to 10.5Moz

October 2023

Environmental approval levels of assessment as expected following initial submissions in mid-2023

May 2024

Credit approved terms for \$1 billion senior debt facility

June 2024

High-grade extensions at Eagle **July 2024**

Hemi Regional Scoping Study **July 2024**

Appointment of GM Operations

August 2024

NAIF funding agreement for \$150M loan



DFS OUTCOMES



DEFINITIVE FEASIBILITY STUDY HIGHLIGHTS



Results of the DFS show high confidence physical metrics¹



^{1.} Outcomes, forecasts and comparisons taken from the DFS dated 28 September 2023.

^{2.} The mine plan contains approximately 1% Inferred Mineral Resources. There is a low level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources or that the Production Target itself will be realised.

DEFINITIVE FEASIBILITY STUDY HIGHLIGHTS



Results of the DFS show outstanding financial metrics



\$6,300M: pre-tax

\$4,500M: post-tax



NPV_{5%} **\$4,200M**: pre-tax

\$2,900M: post-tax



IRR

45%: pre-tax **36%**: post-tax

Pre-production capital

\$1,298M cost of plant and infrastructure including \$162M of contingency and growth allowance, plus

\$47M pre-stripping cost

\$1,229/oz: first 5 years

\$1,295/oz: first 10 years



Unleveraged payback period

1.5 years: pre-tax

1.8 years: post-tax



Evaluation period total economic contribution \$10.8 billion

Assumed gold price: \$2,700/oz Spot gold price: ~\$3,700/oz1

Outcomes, forecasts and comparisons taken from the DFS dated 28 September 2023. The mine plan contains approximately 1% Inferred Mineral Resources. There is a low level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources or that the Production Target itself will be realised. 1. As of 5 September 2024. Source: The Perth Mint

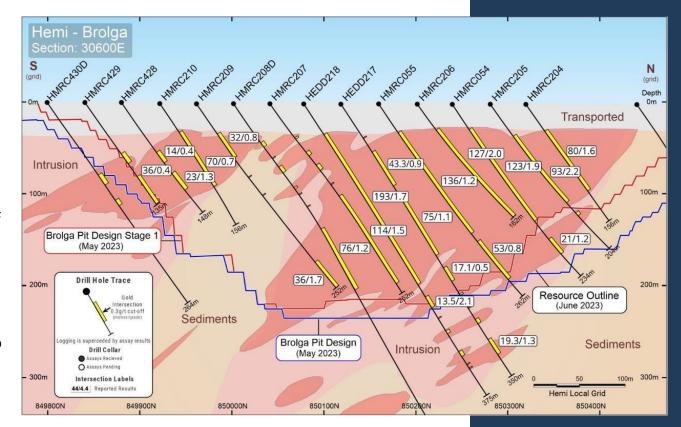
32

BROLGA STARTER PIT

DE GREY

Hemi's first mining area delivers rapid project payback of less than two years

- Mineralised intrusion ~250m to 300m wide with a strike length of ~600m
- Evenly distributed sulphides with consistent grades amenable to low cost, bulk mining methods
- Brolga starter pit contributes
 ~1.35Moz to the production profile
 and pays back the full capital cost of
 the project
- Estimated to generate \$2,200M in free cashflow at the DFS gold price assumption of \$2,700/oz
- Open down dip and down plunge to the south and southwest with potential for extension and future underground mining





CURRENT PROJECT ACTIVITIES





HEMI PROJECT COMMITTEE



Experience constructing and commissioning major gold mining projects



Ivan Mullany Chair of Project Committee

- 35 years experience in mining
- Extensive international leadership strengths in project development, operational excellence, innovation, business strategy and governance
- · Involved in the construction and commissioning of major projects at Newmont Mining, Barrick Gold and Goldcorp, including pressure oxidation





Projects developed include Henty gold mine, Emily Ann, Maggie Hays and Waterloo nickel mines and Thunderbox gold mine



Peter Holmes Project Director

- 30+ years of gold industry experience including with Barrick Gold and prior to that with Placer Dome Asia Pacific
- Worked across various jurisdictions including Australia, Canada, United States and South America
- Lead the construction of Pueblo Viejo, one of the world's largest pressure oxidation processing plants



Geoff Fenton General Manager Operations

- 25+ years of mine operational and technical experience including key roles in large-scale gold projects
- Brings significant Pilbara construction and operational experience through Telfer, Hope Downs and Roy Hill

HEMI PROJECT TEAM

Key roles filled to support the construction of Hemi

Project Manager

Engineering Manager

Pressure Oxidation Engineer

Study Manager

Project Controls Manager

Contracts & Procurement Lead

Senior Mining Engineer

Project Coordinator

Community & Social Performance Manager

Senior Process Engineer

Document Control

Safety & Security Manager

Hydrogeological Manager





PROJECT ACTIVITIES



Project execution team and strategy progressing to plan

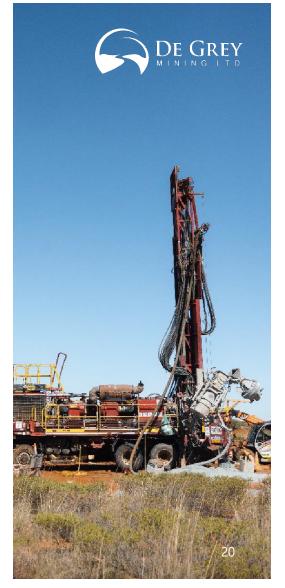
- Based on the compelling DFS outcomes the Board has approved preliminary Project activities.
- · Hemi Gold Project Committee formed
 - Experienced gold mining executive Ivan Mullany appointed as Chair
- Execution strategy:
 - Refining Project execution and contracting strategy
- Continuing to grow organisation capability:
 - Key Project appointments continue
 - o Business systems support personnel in Corporate area continue to be strengthened
- Engineering and Design:
 - Advancing engineering sufficient for accurate project construction tendering and pricing and increased confidence
 - Early ordering of long lead items provides OEM specifications to allow engineering to advance
- Major Contracts and Contractor selection continues:
 - Expressions of interest received for Contract mining and Plant Construction
 - Tenders to be issued for both in the September quarter
 - Permanent power supply preferred contractor engagement continues

PROJECT ACTIVITIES

Order of long-lead time items progressively de-risking the capital cost estimate

- Locks in a substantial portion of the overall Project capital cost and reduces capital cost risk
- Reduces the risk of equipment delivery timelines affecting the critical path schedule
- Manufacturers have provided major equipment technical specifications allowing FEED to progress to approximately 30% for the plant

Item	Status
Primary crusher	Ordered
High pressure grinding rollers	Ordered
Secondary crushers	Ordered
Flotation cells	Ordered
Cyclones	Ordered
Interstage screens	Ordered
Thickeners	Ordered
Counter current decantation thickeners	Ordered
Permanent camp fabrication	Ordered
Autoclaves and flash vessels and feed pumps	October 2024
Autoclave severe service valves	October 2024
Autoclave severe service valves	November 2024



PROJECT ACTIVITIES



Fabrication of ball mill and ring gear segments nearing completion







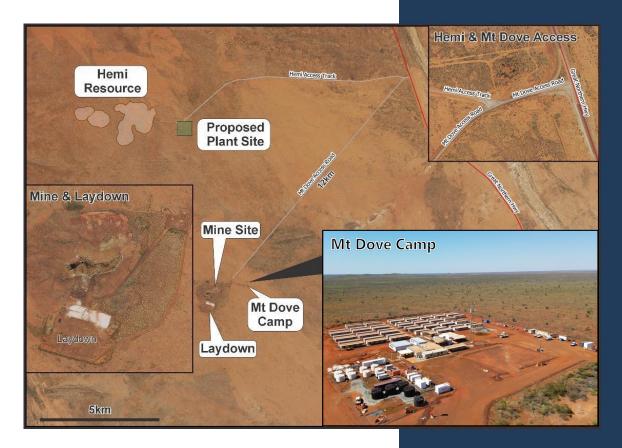


MT DOVE LEASE AGREEMENT

DE GREY

Strategic transaction to access a laydown area and infrastructure 10km south of Hemi

- Lease signed with Atlas Iron for up to 15 years over Mt Dove
- Turn-off from Great Northern Highway connects the Mt Dove and Hemi access roads
- Infrastructure in place at Mt Dove:
 - Operating borefield
 - Pipeline
 - Power generation
 - Communication tower
 - Decommissioned camp
 - Gravel pit
 - Refurbished 200 person camp
- Provides laydown areas which will be used to locate equipment prior to receiving Hemi final approvals



OPERATIONAL AND BUSINESS READINESS

Preparing for an operational transition

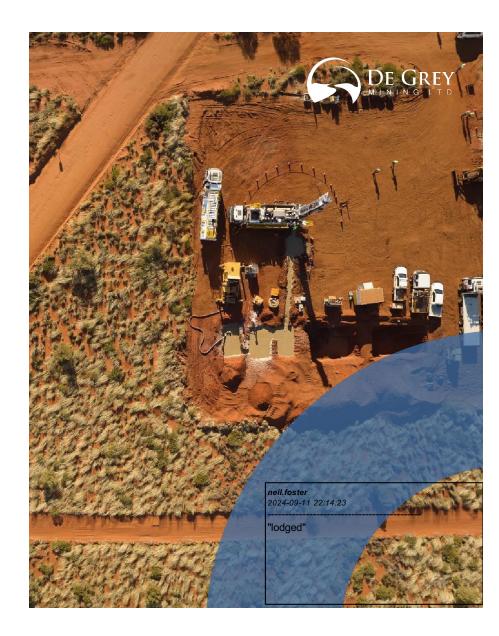
- Brolga grade control drilling covering the first year of production in progress
- Metallurgical testwork continuing with focus on early production areas
- Business teams for development in place and evolving for operations
- Commercial Systems implementation well advanced
- Data management and reporting systems developed and being refined for operations
- Communications infrastructure currently being upgraded suitable for future requirements of operations
- Appointment of Geoff Fenton as General Manager Operations, Hemi



PROJECT APPROVALS

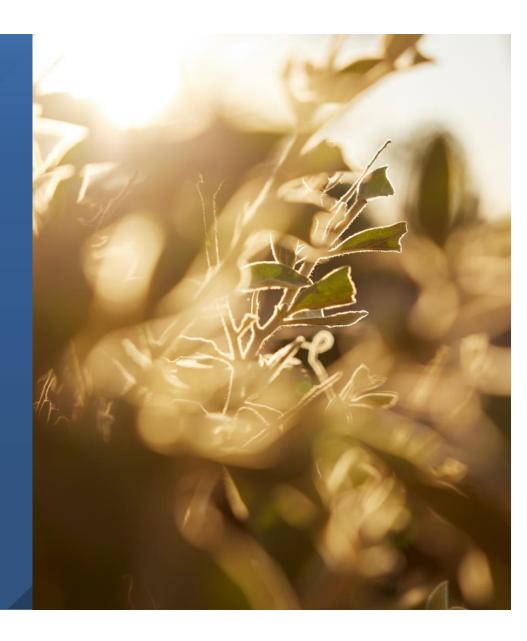
Advancing with good regulator engagement

- Mining Agreement for Hemi with the Kariyarra People in December 2022
- Mining Lease over Hemi granted in September 2023
- State and Federal environmental approvals well advanced:
 - Federal and State environmental assessment levels were as expected following respective submissions in May and June 2023
 - Information requests from Federal and State environmental authorities received in December 2023 and in line with levels of assessment
 - Field work to obtain additional information for regulators was completed in the June guarter 2024
 - Testwork and reports based on field work are being prepared in the September quarter for resubmission
 - Resubmission to Federal regulator in August 2024
 - Resubmission to State regulator expected by early October 2024
 - No environmental red flags or high risks have thus far been identified De Grey's extensive surveys and studies or in two project financing due diligence exercises post PFS and post DFS
 - No "Section 10" applications at Hemi received to date
 - Northern Australia Infrastructure Fund (NAIF) Federal government debt of \$150M approved in August 2024 demonstrates strong Federal Government support for the project and positive outcomes for the Kariyarra People





FUNDING STRATEGY



DEBT FINANCING UPDATE



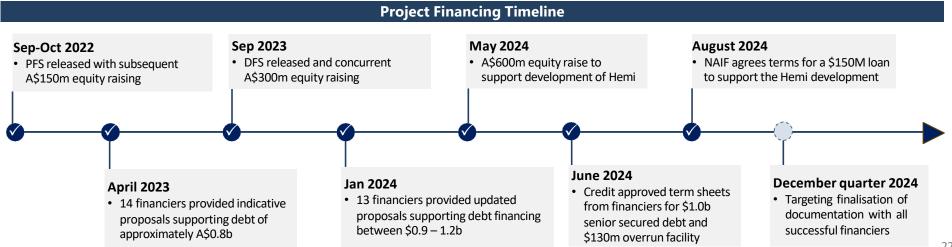
Strong level of ongoing interest from quality financial institutions, reflective of tier-1 nature of Hemi provides confidence in successful outcome.

Credit approved term sheets for \$1.0b senior debt facility with \$130m cost overrun facility received in June 2024

- Proposals received from a syndicate of leading commercial lenders, closely followed by longer tenor facilities from Australian Government agencies
- Extensive legal, technical and financial due diligence program completed
- No red flags or high project risks raised by Independent Technical Review undertaken on behalf of lenders

Selection of final financing structure and parties to be finalised in the December quarter 2024

- Preferred lender group and structure to be selected following review of credit approved proposals
- Syndicate will be structured to optimise commercial terms, tenor, timing and flexibility
- Documentation to be finalised with lenders in the December guarter 2024



ECONOMIC AND SOCIAL CONTRIBUTION



Hemi creates substantial economic and social benefits in the Pilbara and WA



Power

Supports regional scale third party renewable projects and electrification

Water

Potential stimulus for regional water-sharing schemes

Gold

New commodity diversification in the Pilbara



\$54M

Total spend in the Pilbara during exploration

\$90M

Annual spend in the Pilbara during production

\$70.9M

Average annual income contribution to the Pilbara region



\$10.8bn

Life-of-mine total economic value add

\$2.3bn

In state royalties and corporate taxes

\$8.6bn

In operating and capital expenditure



\$120M - \$150M

Local spend

Per annum spent locally during the operations phase



\$15M

Town of Port Hedland partnership

Invested into community projects once Hemi reaches commercial production



900

Construction

Operations

600

Employment combination of local and FIFO personnel required

28

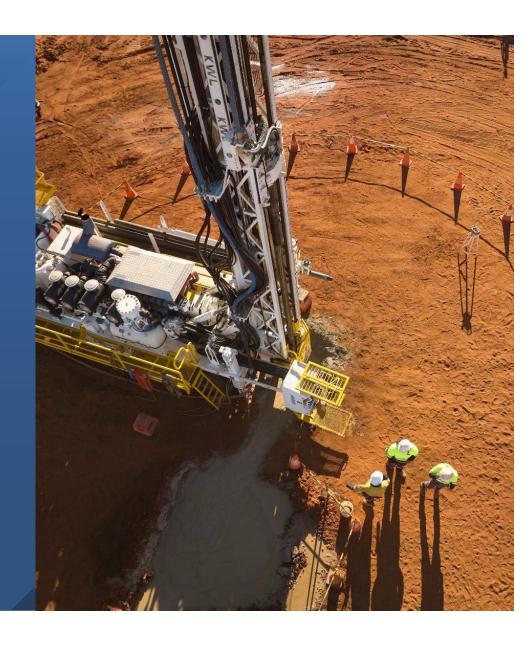
Outcomes, forecasts and comparisons taken from the DFS dated 28 September 2023. Refer to the Appendices in this presentation and the DFS dated 28 September 2023 for further details on the key assumptions and risks.







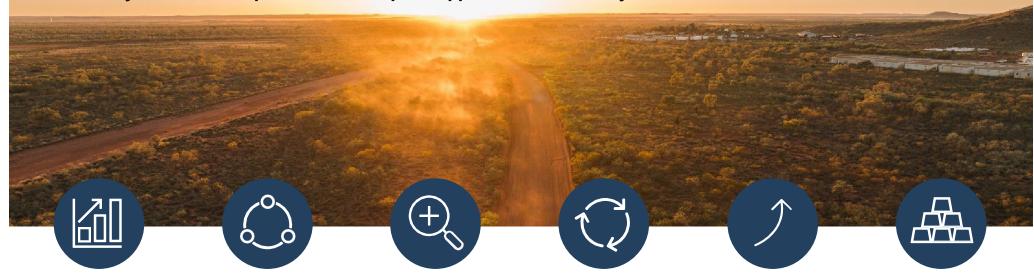
PRODUCTION AND GROWTH OPPORTUNITIES



UPSIDE TO DFS METRICS



Preliminary assessment of provincial scale upside opportunities underway



Potential to increase the Diucon and Eagle pits based on significant extensions identified after the DFS mine design cut-off Opportunity for the development of the Regional deposits including establishing a Regional concentrator at Withnell concurrently treating Regional deposits west of Hemi

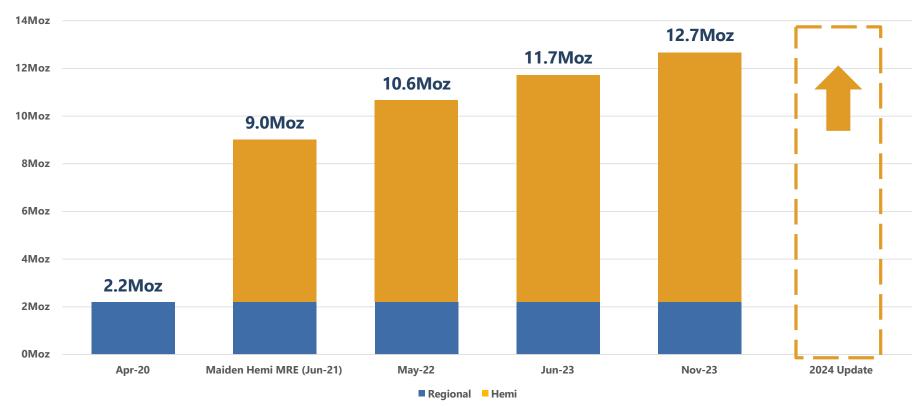
Concept study of the underground mining opportunity of the 1.4Moz MRE below 390m, concurrent with open pit production at Hemi Conservatism in the DFS
design – potential to
increase nameplate
throughput and scalability
built into the comminution
and POx circuits

Further near surface success in the Greater Hemi area at similar grades to Hemi has the potential to increase mine life from open pits Strong leverage to a rising gold price. For example, a ~10% increase from the DFS assumed gold price of A\$2,700/oz, would result in a ~A\$700m increase in post-tax NPV_{5%}

MINERAL RESOURCE GROWTH



Hemi is a provincial scale gold system which continues to bigger

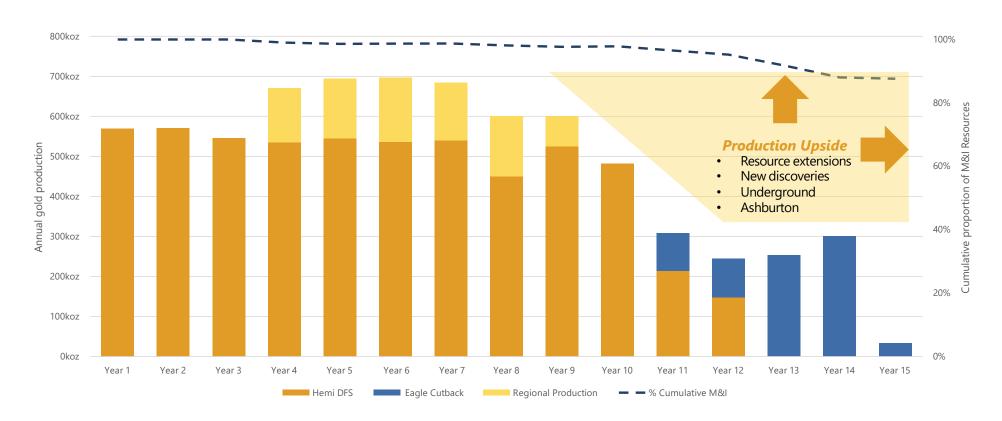


The Hemi and Hemi Regional Mineral Resource Estimates include Inferred Mineral Resources which have a lower level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources. Full details of the Hemi Mineral Resource Estimates are contained in the appendices.

UPSIDE TO THE DFS PRODUCTION PROFILE



DFS + Eagle pit extension + Regionals production profile producing 7.4Moz



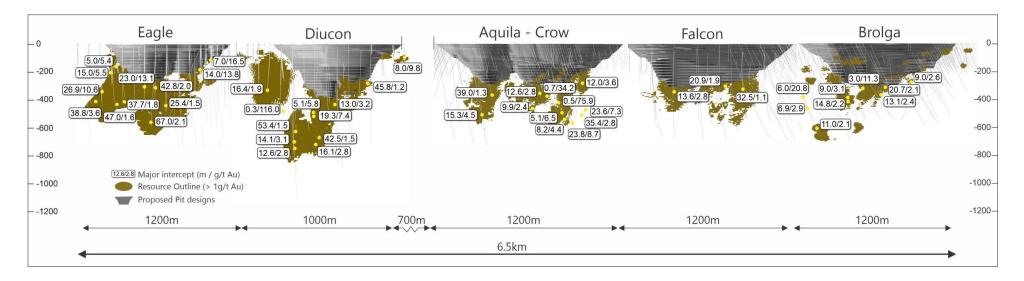
The Hemi production profile contains 1% Inferred Mineral Resources and the Hemi Regional production profile contains 16% Inferred Mineral Resources. The Eagle Extensions are 100% Inferred Mineral Resources. There is a low level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources or that the production profile itself will be realised. Full details of the Hemi Mineral Resource Estimates are contained in the appendices.

HEMI UNDERGROUND PRODUCTION POTENTIAL



MRE update in November 2023 demonstrates greater areas with underground mining potential

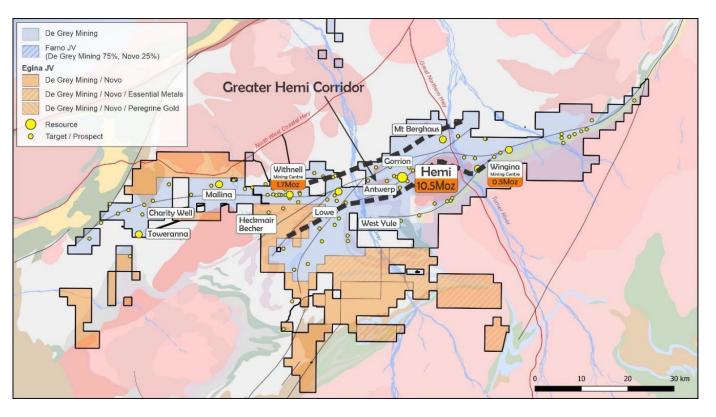
- Hemi now contains ~25koz per vertical metre to 390m depth and remains open
- Limited drilling to date along ~6km combined strike is very encouraging, for example at Diucon and Eagle
- Conceptual assessment into the potential scale of underground mining at Hemi is nearing completion, targeting concurrent mining from underground with open pit production



GREATER HEMI CORRIDOR

DE GREY MINING LTD

A widely mineralised structural corridor with high potential for Resource growth

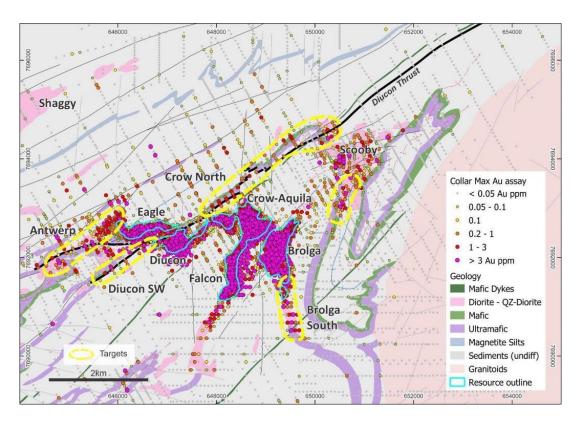


- Anomalous gold intersected along a 10km corridor
- Targeting +1Moz near surface new discoveries
- Continue Mineral Resource extensional drilling
- Recent Mineral Resource extensional drilling Eagle, Antwerp and Aquila
- Mineral Resource update scheduled for November 2024

HEMI DISTRICT – EXPLORATION POTENTIAL



Targeting additional large scale, near surface, intrusion hosted deposits



- Greater Hemi Corridor extends for over 40km through DEG tenements
- Corridor contains large scale deep seated regional structures, multiple intrusions, numerous gold anomalies
- Interesting recent results from Gorrion, Antwerp, West Yule (6m @ 3.4g/t, 20m @ 1.2g/t Au) and Egina JV (Lowe - 8m at 4.7g/t Au)
- AC drilling planned for Frillback and MBP, with follow up AC and RC planned for West Yule and Egina JV

CONSISTENT GROWTH STRATEGY



Transitioning from studies to development



De Grey becoming a Tier 1 gold producer at Hemi to maximise shareholder value by achieving a re-rating when a producer Deliver on project implementation activities and progress towards FID: Board approval for detailed engineering, ordering long lead items, contractor engagement and early works where approvals allow

Continue to make new discoveries near surface and at depth to support increased production rates and mine life – Hemi is less than four years old and has a footprint of 2,500km² with numerous targets yet to be explored

Continue to grow organisational capability in people and systems to meet strategy – building on an already very experienced development and operations team

CONTACT US

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