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Competent Person's Statements

The information in this Presentation that relates to:

- Mineral Resources and Ore Reserves estimates for the Genesis' projects are extracted from Genesis' ASX announcement 21st March 2024 "Growth strategy underpinned by robust Reserves"
- Production Targets for the Genesis' projects are extracted from Genesis' ASX announcements 21st March 2024 "Growth strategy underpinned by robust Reserves" and 2nd September 2024 "Genesis increases FY25 production outlook"
- Exploration Results for Gwalia are extracted from Genesis' ASX announcement 11th November 2024 "Strong drill results support accelerated growth"
- Exploration Results for Tower Hill are extracted from Genesis' ASX announcement 21st March 2024 "Growth strategy underpinned by robust Reserves"
- Exploration Results for Jupiter and Westralia were previously released by Dacian (DCN) to the ASX

In each case above, Genesis confirms that it is not aware of any new information or data that materially affects the information included in the market announcements and Genesis confirms that all material assumptions and technical parameters underpinning the Mineral Resource and Ore Reserve estimates in the market announcements continue to apply and have not materially changed. Genesis confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified from the previous announcements.

References in this Presentation to "Resources" are to Mineral Resources estimates and references to "Reserves" are to Ore Resource estimates. Mineral Resources in this Presentation are inclusive of Ore Reserves.

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Release authorised by: Raleigh Finlayson, Managing Director, Genesis Minerals Limited.

Vision and Core Values





Accountable

We are owners of our commitments



Sustainable

Responsible Actions, Positive Impact



People First

Protect, Respect, Support



ntegrity

Doing the right thing even when no-one is watching



Results

We execute, We deliver, We grow



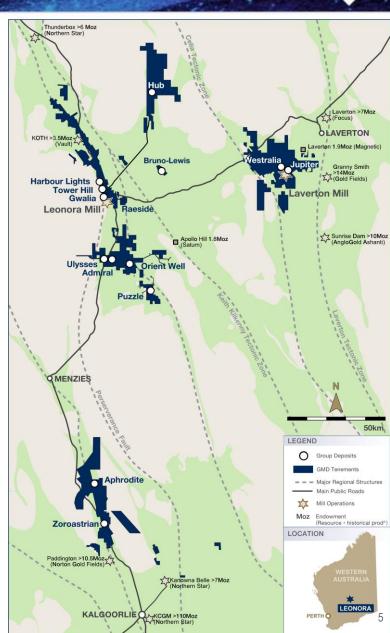
Enabling our people to think and act like owners



One production centre in Western Australia



- Simple and flexible One production centre:
 - Long ore 230Mt Resources and 45Mt Reserves; Genesis has the gold
 - Two mills Ore flows west to Leonora or east to Laverton; Total 4.4Mtpa
 - Baseload Gwalia, Tower Hill deposits plus "top-ups"
- Progressive economics Rising volumes / falling costs / rising cash flows
- Playing a "long game" Enviable gold inventory, strategic management team, "future-proofing", preserving optionality
- What is most important to us?
 - Trusted and progressive
 - People / succession planning
 - Safety and community
 - "ASPIRE 400" accelerated growth strategy Evaluation of low capital, NPV accretive opportunities to bring ounces forward ONGOING
 - TOTAL SHAREHOLDER RETURNS

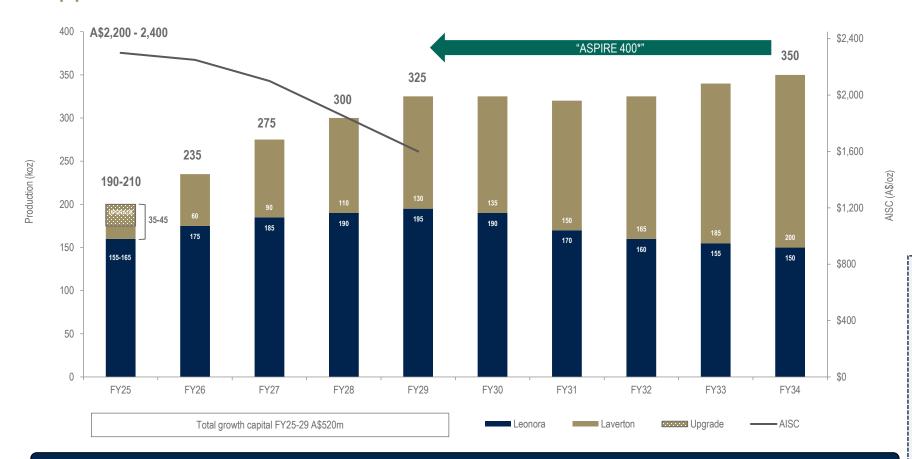


FULLY FUNDED, BASE CASE 10-year plan



More ounces and less cost, year-on-year:

Group production and cost outlook 1,2,3



FY25 UPGRADED to 190 - 210koz at AISC A\$2,200 - 2,400/oz; Growth capital A\$125m

1. Refer to GMD ASX announcement 21st March 2024 "Growth strategy underpinned by robust Reserves" for the material assumptions relating to the production target. 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; 2. Refer to GMD ASX announcement 2nd September 2024 "Genesis increases FY25 production outlook" for FY25 production, AISC and growth capital outlook; 3. FY26-29 production at mid-point (within a range of +/- A\$100/oz): * Aspirational goal.

- 3Moz production over 10 years
- High confidence 91% in Reserves
- Declining AISC As quantity / quality of ounces increases
- Declining AIC As growth capital rolls off; FY25 anticipated to be peak year for investing in growth
- Assumes no further exploration success / M&A

"ASPIRE 400*"

- Long ore; Studies continue to bring ounces forward including:
 - Optimisation
 - Staged expansion
 - Earlier milling of stockpiles
 ~8Mt / ~280koz by FY29

Laverton - 5 year production outlook



Growth to +300:

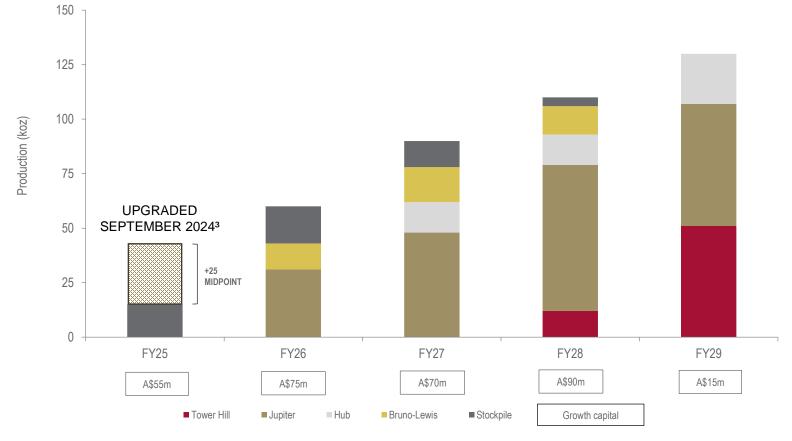
Laverton production outlook²:

As released in March 2024¹

FY25 upgraded³ following re-start of Laverton mill 6 months early



- Progressive ramp-up after mill restart in late FY25, rising to 135koz in FY29
- High confidence level 84% in Reserves
- 5-year group plan includes just
 7% of total Tower Hill Reserves
 (16% of the Laverton 5-year outlook)
- Tower Hill ore supply to Laverton capped at ~2Mtpa due to haulage
- Growth capital includes Tower Hill



^{1.} ASX announcement 21st March 2024 "Five-year Strategic Plan"; 2.GMD ASX announcement 21st March 2024 "Growth strategy underpinned by robust Reserves" for the material assumptions relating to the production target. 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 realized; 3.ASX announcement 2nd September 2024 "Genesis increases FY25 production outlook".

Disciplined M&A, exemplary re-start at Laverton



Counter-cyclical:

- 1. June 2022 Dacian ceases mining at Laverton
- 2. July 2022 Genesis takeover bid for Dacian

DACIAN ACQUISITION METRICS:

Acquired assets included 3.0Mtpa mill and Jupiter open pit mine

Acquisition cost ~A\$140m¹

~A\$56 / Resource oz

A\$172m of milling infrastructure (2016-2018)²

- 3. September 2022 Genesis gains control of Dacian
- March 2023 Laverton mill placed on care and maintenance
- 5. June 2023 Genesis acquires St Barbara's Leonora assets
- 6. January 2024 Genesis acquires Kin's Bruno Lewis and Raeside
- 7. October 2024 Laverton mill re-started 6 months early (September 2024 upgraded FY25 guidance in anticipation)



^{1.} Blended price - Refer to Genesis ASX announcement 5th July 2022 "Acquisition of Dacian"; 2. Mt Morgans Feasibility Study 21st November 2016.

Itinerary



Thursday 6th March 2025:

J	
Time	Activity
12.10	Flight arrives in Laverton
13.00	Arrive at Laverton mine site
13.15	Safety induction, presentation at mine office
14.15	Mine site tour including:
	- Processing plant
	- Site infrastructure
	- Jupiter project
	- Westralia project
16.45	Arrive at Site Village

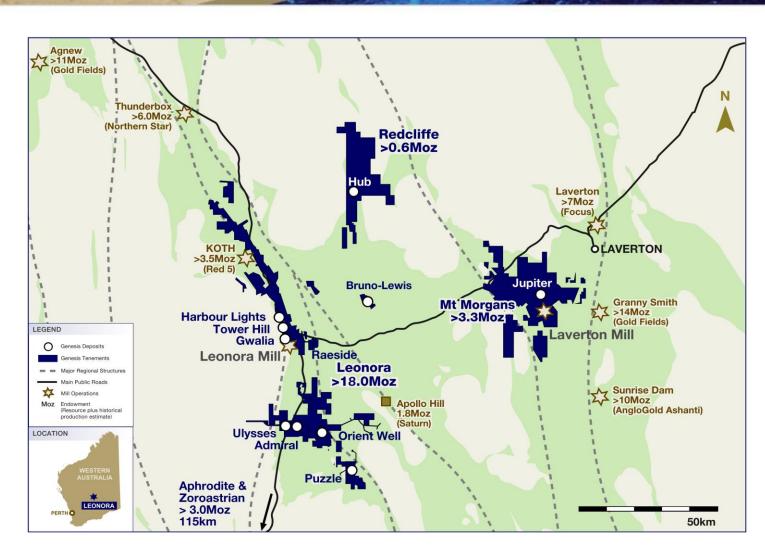


Site Layout **Laverton Camp** Jupiter **Treatment Plant** ~3Mtpa Throughput Westralia 6km 0 2

Laverton Introduction



- 3Mtpa CIL plant built in 2018, placed in care and maintenance April 2023
- ► 400-person accommodation village
- Jupiter and Westralia deposits within 15km of the plant
- Natural gas connection to site with contract 20MW gas power station
- Access to Laverton and Leonora town resources including aerodrome facilities



Project TALO



Ready and willing to deliver "ASPIRE 400":



We mine safely - Protecting our people, our environment, our communities

"One-stop shop" for career development

Remuneration aligned with shareholder returns

Strong focus on community engagement

Loyal, engaged and committed for the long term

Thinking and acting like OWNERS

Target = 100% of employees own
GMD shares

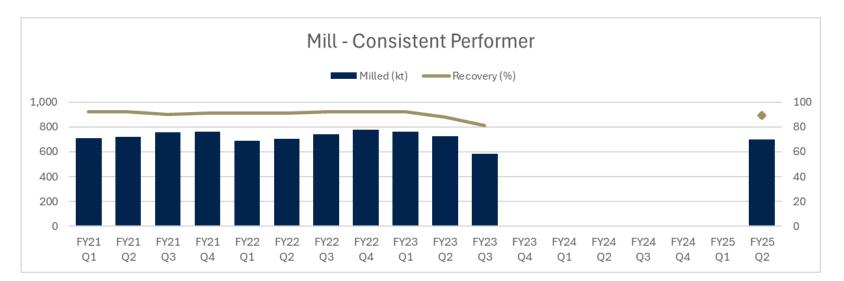
- ► ~88% of Genesis employees are Genesis shareholders
- Project TALO Initiatives from the shop floor; oz in / cost out
- ► Future-proofing margins / discipline through the gold price cycle
- Working examples of potential cost-outs at Laverton include:
 - Polaris ATV A\$30,000 per unit.
 - Standard pressure cleaning units A\$15,000 p.a.
 - Reagent suppliers A\$100,000 p.a.
 - TO BE CONTINUED....



Laverton Mill Restart



- ▶ Re-commissioning commenced in June 2024 utilising key personnel from original operational team
- Currently treating mostly legacy stockpiles and ore hauled from the Leonora operations
- Restart delivered on budget (~A\$13m)
- ► First gold produced in November 2024; Almost immediately ramped-up to nameplate capacity

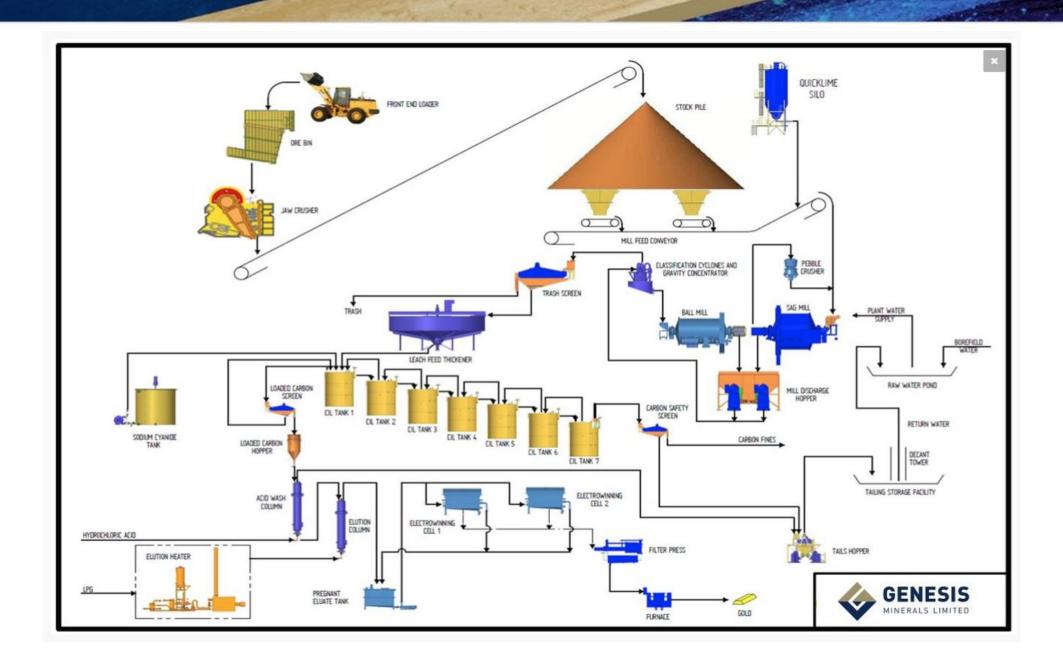


It's pouring gold at Laverton



Laverton Mill Flow Chart

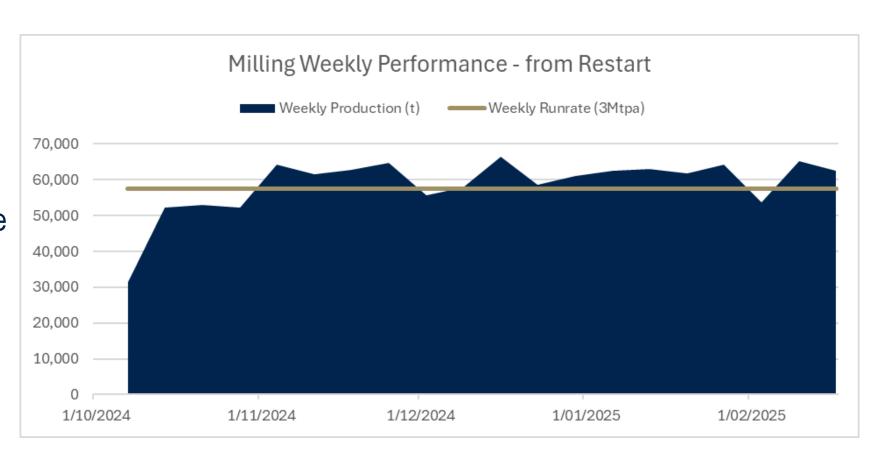




Laverton Mill Performance



- Treating combination of legacy stockpile and Admiral ore
- Production rates achieved whilst maintaining discipline on operating costs
- Milling cost performance from restart better than FY25 Budget of ~A\$28/t



Laverton Mill Opportunities



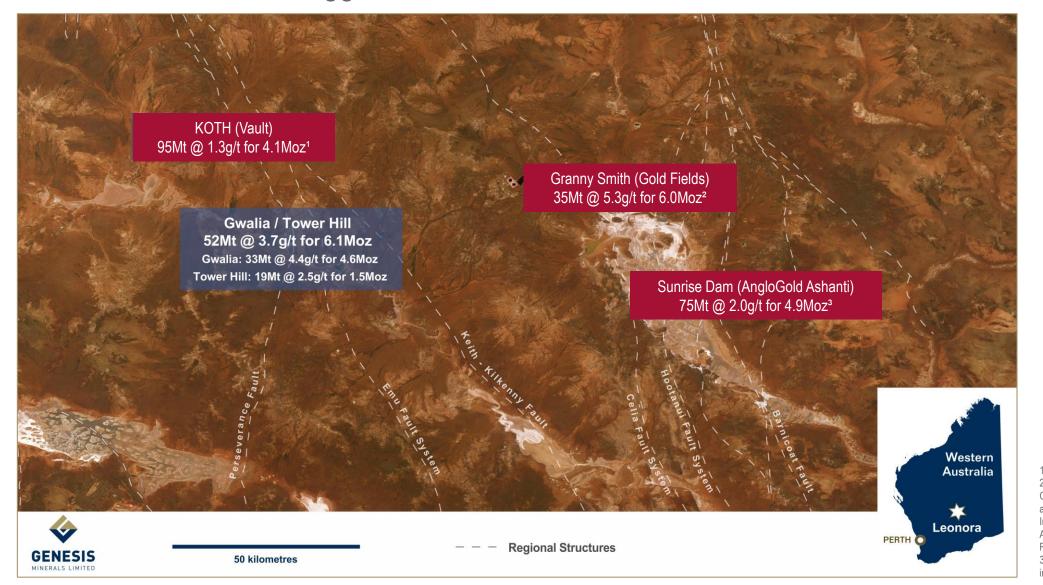
- 3.0Mtpa processing plant current design:
 - C140 Primary Jaw Crusher
 - 4.4MW SAG Mill & 4.4MW Ball Mill
 - 2 x QS40 Knelsons
 - 7 x CIL Tanks
 - 9t Elution Circuit
- Investigating optimisation and staged expansion opportunities, including:
 - Option 1: Additional ball mill and increased leaching capacity
 - Option 2: Crushing circuit upgrade and increased leaching capacity



Genesis has the gold



The BIG FOUR, none bigger than Gwalia / Tower Hill >6Moz Resources:



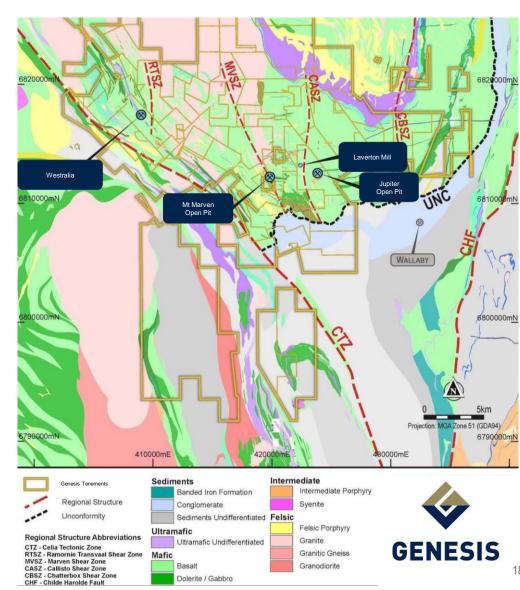
1. Vault ASX announcement 22nd October 2024 "Resource and Reserve Statement"; 2. Gold Fields NYSE / JSE "Mineral Resources and Mineral Reserves Supplement to the Integrated Annual Report 2023"; 3. AngloGold Ashanti NYSE / JSE "Mineral Resource and Mineral Reserve Report as at 31 December 2023". Mineral Resources are 17 inclusive of Ore Reserves.

Regional Geology



Multiple large deposits with world class neighbours:

- Situated between the Celia Tectonic Zone and Childe Harolde Fault:
 - Minor structures are prevalent across the tenure and act as conduits for deposition of mineralisation
 - Significant strike of prospective tenure outside of known deposits
- **Exploration now has time to uncover potential:**
 - Stable mill feed supply allows time to progress opportunities systematically by doing the best for the resource without operational pressure
 - Staged approach of de-risking the discovered ounces then stepping out to search for more



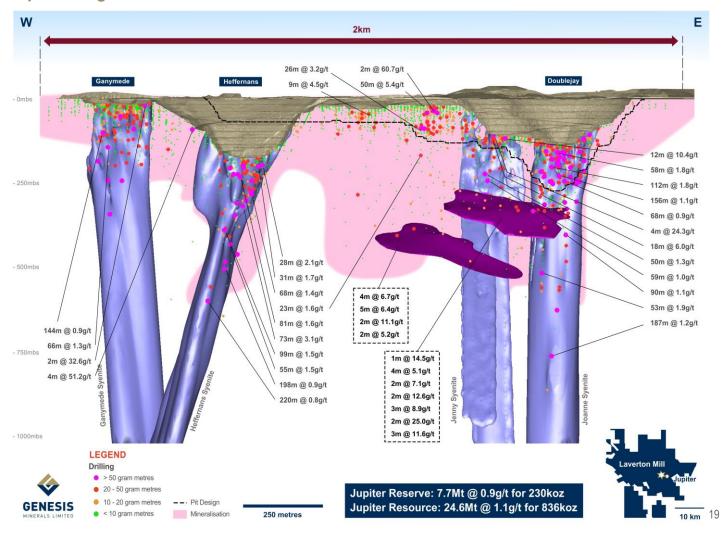
Jupiter - Reliable baseload on the doorstep of the Laverton mill



Infrastructure in place, low capital start up:

- Near-term mill feed, margins boosted by:
 - Application of lower cost GMS mining fleet
 - Drilling success
- Sweeteners Two high grade parallel flat dipping lenses close to base of the pit; Plethora of high-grade drill results including:
 - 2m @ 25.0g/t
 - 3m @ 11.6g/t
 - 5m @ 6.4g/t
 - Underground opportunity...

Jupiter long section



Bruno-Lewis - Large Shallow System



Recent acquisition de-risked via Genesis drilling:

- Large strike of mineralisation with significant supergene footprint
- Deep weathering profile with minimal overburden

Plan view of the large Bruno-Lewis system **Bruno Lewis Mineralisation** 1000 metres

Cross section – Shallow oxide mineralisation



- GMD interpretation has shown primary controls on mineralisation are NW striking with multiple structures present.
- Significant opportunity to test the system at depth
- Drilling program recently completed with updated resource planned for April

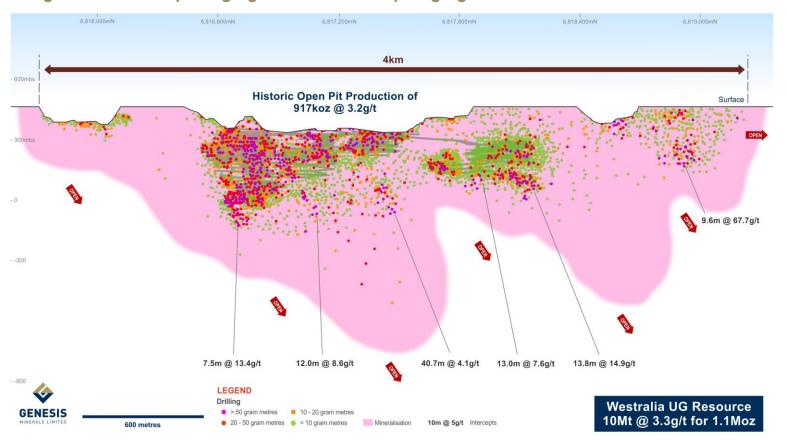
Making Westralia great again



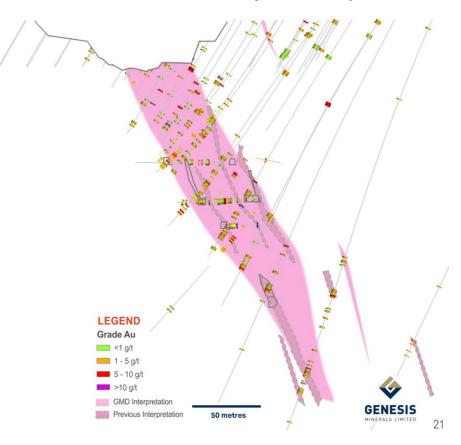
Re-evaluating Westralia as a bulk open pit mining opportunity:

- ► Significant +1Moz deposit just 15km from Laverton mill
- ► Continuously mineralised for more than 4km; Open to the north and at depth

Long section - Multiple high grade ore shoots plunging to the south



Cross section - GMD bulk interpretation v previous

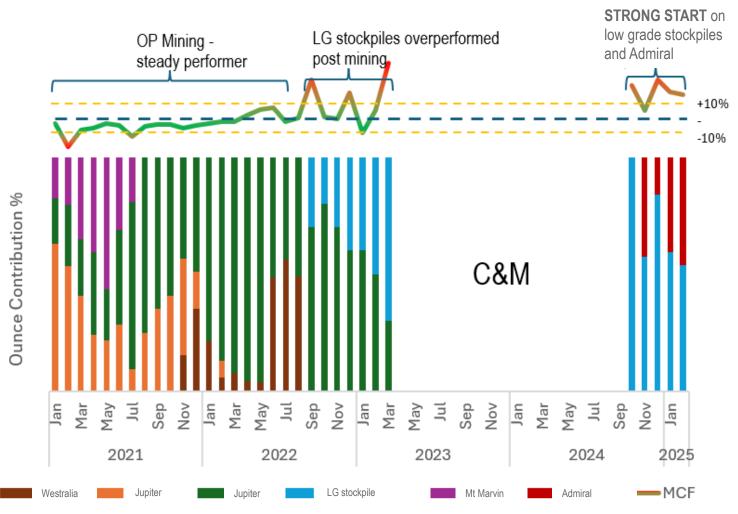


Laverton Mill - Strong start



Reliable performer from open pit mine to mill:

- Average mill reconciliation 102% last 24 months of operation under previous owner¹
- Uptick in reconciliation during the low grade stockpile processing phase following mining
- Strong start coming out of care and maintenance...
- ...positive reconciliation from Admiral and stockpile



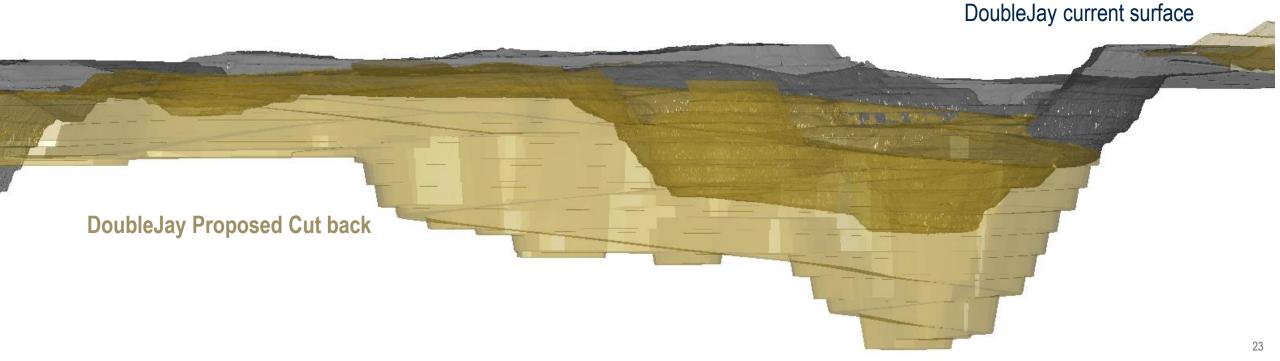
Jupiter - Reinvigorated



Reliable baseload:

- DoubleJay cut back (DBJ14) ramps to the south through the saddle, gaining depth and allowing the pit to pull down and capture additional ounces v closing 2023 Reserve
 - = Reliable base load feed for the adjacent Laverton mill
- Hitachi EX2600 primary excavator, EX2000 Support and 8x HD1500 trucks

Oxide pits Ganymede and Mt Marven will be staggered to smooth ore delivery and ensure consistent blending material to the processing plant



Jupiter - Just say go



Infrastructure in place, low capital start up:

Fleet ordered and confirmed



Approvals in place



Key commercial contracts extended / advancing well



Labour ramp up schedule ready - Offers out for Open Pit Managers and other key roles in advanced stage



Long lead infrastructure already in place - Offices, workshops, magazines, dewatering and roads









Laverton mill from crushed ore stockpile

Making Westralia great again



Open pit Resource anticipated April 2025:

Gei	nesis:		Previous:					
>	Mineralisation interpreted as a bulk package	e Opportunity	>	Mineralisation interpreted selectively	×			
•	Open pit mining method	Opportunity	>	Underground mining method	*			
•	Low-cost Genesis Mining Services	Opportunity	>	External contractor	×			
>	Cut-off grade ~0.5g/t	Opportunity	>	Cut-off grade 2.0g/t	×			
>	Mill reconciliation - Low margin of error	Opportunity	>	Mill reconciliation - High margin of error	×			
>	Spot gold price more than A\$4,600/oz	Opportunity	>	Gold price less than ~A\$2,600/oz	×			
•	Close-spaced drilling planned	Opportunity	>	Underground mining ceased September 2022	×			

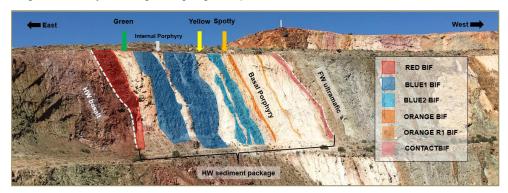
GMD's open pit strategy supported by historical success - Open pit mining delivered production of 917koz at an average grade of 3.2g/t from 1988¹

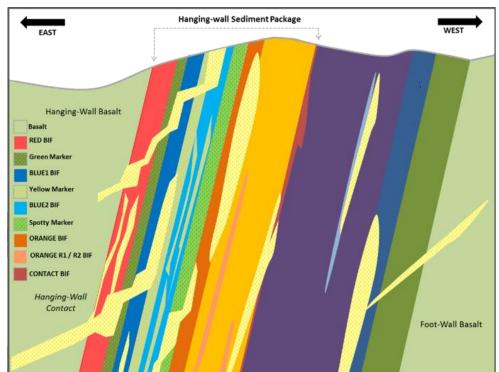
Westralia – Right-Sized mining approach



Previous approach - Discrete modelling

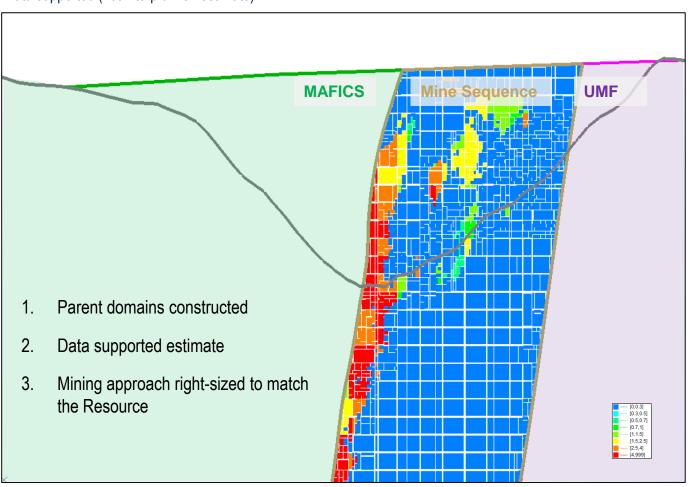
High selectivity chasing a target grade profile





Genesis Approach - Parent Domains defined

Data supported (not interp driven estimate).



Ready set grow



- We are an aspirational Australian gold house, 100% focused on Leonora / Laverton
- We have the people, assets and balance sheet to deliver "ASPIRE 400"
 - Sustainable, high-quality production and earnings growth
- We play the "long game":
 - Long ore; Studies continue to bring ounces forward
 - Strategic management team
 - Future-proofing through the gold price cycle
- We are positioned to "fill the gap" between the ASX 100 gold producers and the rest



APPENDIX A - Plan on a page ASPIRE





VISION AND VALUES

"The trusted Australian gold miner - Progressive, high quality, +400koz pa*"

Fill the vacuum with premium "Aussie-leader" characteristics

Our **Core Values** drive our culture and leadership - "ASPIRE"

Accountable

Sustainable

People First

Integrity

Results

Empower

DELIVER SUPERIOR TSR



PEOPLE FIRST

We mine safely - Protecting our people, our environment, our communities

"One-stop shop" for career development

Remuneration aligned with shareholder returns

Strong focus on community engagement

Loyal, engaged and committed for the long term

Thinking and acting like OWNERS

Target = 100% of employees own
GMD shares



PRODUCTION GROWTH

Relentless focus on operational execution and delivery

Industry-leading, profitable production growth

Year-on-year
Leonora
+ Laverton to 300koz pa
+ Tower Hill... "ASPIRE 400"

Assets and people in place

Sustainable:

+300koz for +10 years on Reserves; Exploration



Declining all-in sustaining costs

Increasing production alleviates industry cost pressures

Declining all-in-costs

As growth targets are achieved and growth capital rolls-off

Structural cost improvement from high grade Tower Hill open pit development

"Future-proofing" - Making margins more resilient to price cycles



M&A

Discipline first - Track record of sensible accretive M&A

Strategy, process, team / capabilities, quality, value per share

Key tenet is to up-tier the portfolio

Constantly ranking assets we own v assets we don't own

Regional synergies with "home ground advantage"

"Bolt-on" opportunities - Leverage existing infrastructure and improve life-of-mine plans

Divestment of non-core assets

APPENDIX B - Resources and Reserves*



2024 Mineral Resource estimate

	Measured			_	Indicated			Inferred		Total		
Deposit	Tonnes	Grade	Ounces	Tonnes	Grade	Ounces	Tonnes	Grade	Ounces	Tonnes	Grade	Ounces
<u> </u>	(000s)	(g/t Au)	(000s)	(000s)	(g/t Au)	(000s)	(000s)	(g/t Au)	(000s)	(000s)	(g/t Au)	(000s)
Leonora												
Gwalia	4,100	4.0	520	24,000	4.4	3,400	4,500	4.6	680	33,000	4.4	4,600
Harbour Lights	-	-	-	13,000	1.7	670	1,200	2.0	73	14,000	1.7	750
Tower Hill	-	-	-	18,000	2.5	1,400	1,400	3.0	130	19,000	2.5	1,500
Ulysses	1,600	3.8	190	4,100	3.5	460	2,200	2.9	210	7,900	3.4	850
Admiral Group	-	-	-	6,500	1.4	300	8,400	1.0	280	15,000	1.2	580
Orient Well Group	-	-	-	3,700	1.1	130	4,300	1.1	160	8,000	1.1	290
Puzzle Group	-	-	-	7,000	1.1	240	2,000	0.9	58	9,000	1.0	300
Laterite Deposits	-	-	-	570	0.7	12	200	0.7	4	770	0.7	17
Total Leonora	5,600	3.9	710	76,000	2.7	6,600	24,000	2.0	1,600	110,000	2.6	8,900
Laverton												
Cardinia West Group	770	1.2	31	8,000	1.1	270	3,700	0.9	100	13,000	1.0	410
Raeside Group	-	-	-	2,200	2.0	140	970	2.1	64	3,100	2.0	200
Westralia Group	310	4.5	45	3,700	4.0	470	6,400	2.9	590	10,000	3.3	1,100
Jupiter Group	620	1.2	23	11,000	1.0	370	13,000	1.1	440	24,000	1.1	830
Mt Marven OP	-	-	-	1,200	1.2	45	340	1.2	13	1,500	1.2	58
Maxwells OP	-	-	-	170	0.9	5	500	0.8	12	660	0.8	17
Stockpiles	-	-	-	-	-	-	3,200	0.4	41	3,200	0.4	41
Total Laverton	1,700	1.8	99	26,000	1.5	1,300	28,000	1.4	1,300	55,000	1.5	2,700
Bardoc												
Aphrodite	-	-	-	18,000	2.0	1,200	7,900	2.0	500	26,000	2.0	1,700
Zoroastrian	-	-	-	4,500	2.4	350	2,500	2.2	180	7,000	2.3	520
Excelsior	-	-	-	9,600	1.0	310	1,700	0.8	41	11,000	1.0	350
Bardoc Satellite Open Pits	150	2.3	11	4,300	1.6	220	5,000	1.6	250	9,400	1.6	480
Total Bardoc	150	2.3	11	36,000	1.8	2,000	17,000	1.8	970	53,000	1.8	3,000
Redcliffe												
GTS	-	-	-	930	1.9	56	1,400	1.2	51	2,300	1.4	110
Hub	160	4.6	24	660	3.9	82	850	2.3	62	1,700	3.1	170
Nambi	-	-	-	720	2.7	62	850	2.8	76	1,600	2.7	140
Redcliffe Other		-	-	-	-		7,200	1.1	260	7,200	1.1	260
Total Redcliffe	160	4.6	24	2,300	2.7	200	10,000	1.4	450	13,000	1.6	670
Group Total	7,600	3.4	840	140,000	2.2	10,000	79,000	1.7	4,300	230,000	2.1	15,000

2024 Ore Reserve estimate

		Proved			Probable		Total			
Deposit	Tonnes	Grade	Ounces	Tonnes	Grade	Ounces	Tonnes	Grade	Ounces	
Deposit	(000s)	(g/tAu)	(000s)	(000s)	(g/tAu)	(000s)	(000s)	(g/tAu)	(000s)	
Leonora										
Gwalia	460	4.2	62	6,200	5.4	1,100	6,700	5.3	1,100	
Tower Hill	-	-	-	15,000	2.0	1,000	15,000	2.0	1,000	
Admiral	-	-		2,300	1.6	120	2,300	1.6	120	
Orient Well	-	-		1,200	1.2	46	1,200	1.2	46	
Puzzle	-	-		2,700	1.3	110	2,700	1.3	110	
Ulysses Open Pit	820	2.6	69	620	1.9	38	1,400	2.3	110	
Ulysses Underground	490	4.1	64	1,600	3.6	180	2,100	3.7	250	
Total Leonora	1,800	3.4	200	30,000	2.7	2,600	32,000	2.7	2,800	
Laverton										
Jupiter OP	640	1.0	21	7,100	0.9	210	7,700	0.9	230	
Bruno-Lewis OP	-	-	-	3,900	1.1	140	3,900	1.1	140	
Total Laverton	640	1.0	21	11,000	1.0	350	12,000	1.0	370	
Bardoc										
Zoroastrian	-	-	-	790	3.8	97	790	3.8	97	
Total Bardoc	-	-	-	790	3.8	97	790	3.8	97	
Redcliffe										
Redcliffe-Hub	-	-	-	580	3.4	65	580	3.4	65	
Redcliffe-GTS	-	-	-	640	2.2	46	640	2.2	46	
Total Redcliffe		-	-	1,200	2.8	110	1,200	2.8	110	
Group Total	2,400	2.8	220	43,000	2.3	3,100	45.000	2.3	3,300	

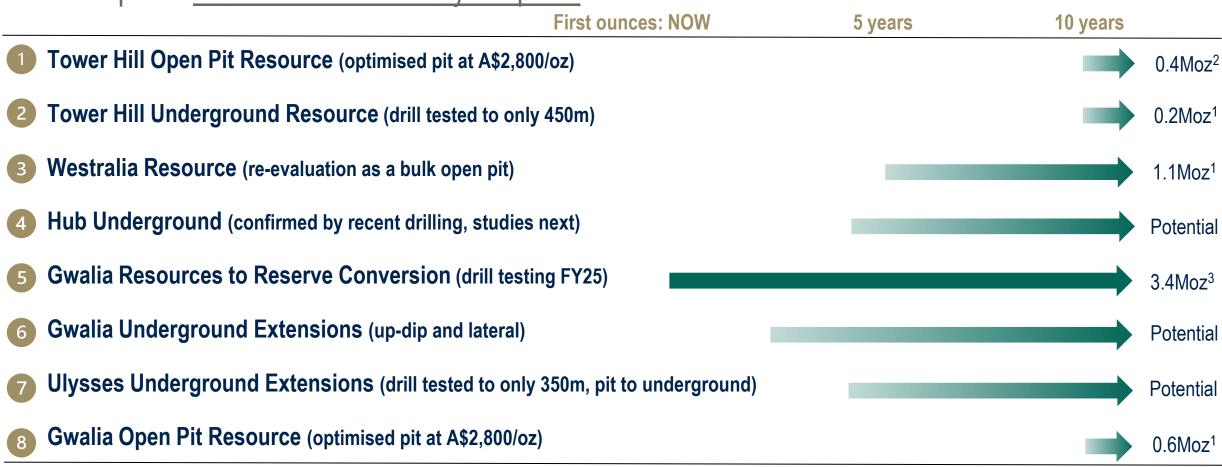
 $Notes: All \ figures \ reported \ to \ two \ significant \ figures. \ Rounding \ errors \ may \ occur. \ Ore \ Reserves \ are \ based \ on \ a \ gold \ price \ of \ A\$2,400/oz.$

Notes: All figures reported to two significant figures. Rounding errors may occur. Mineral Resources are inclusive of Ore Reserves. Mineral Resources are reported at various gold price guidelines between A\$2500 and A\$2800/oz Au. Rounding may result in apparent summation differences between tonnes, grade and contained metal content.

APPENDIX C - "ASPIRE 400" learning journey



+8Moz upside NOT included in 10-year plan1:



Long ore; Studies continue to bring ounces forward

9 Refractory deposits Aphrodite / Harbour Lights (maiden GMD drilling at Aphrodite)



