A future with growth

Corporate Presentation

Jim Beyer – Managing Director and CEO May 2023





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The information in this presentation that relates to production targets and associated forecast financial information is extracted from the ASX announcement released 26 July 2022 entitled "June Quarterly and Strategy Outlook". Mineral Resources, Ore Reserves and Exploration Results are extracted from the Mineral Resource and Ore Reserve Statement released to the ASX on 8 June 2022 (the Relevant ASX Announcements). Exploration Results are extracted from the Bi- Annual Exploration Update released to the ASX on 21 November 2022.

In each case, appropriate Competent Person's consents were obtained for the release of that information in the Relevant ASX Announcements and those consents remain in place for subsequent releases by the Company of the same information in the same form and context, until the consent is withdrawn or replaced by a subsequent report and accompanying consent.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the Relevant ASX Announcements and in each case the Production Targets, forecast financial information and estimates of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning that information in the Relevant ASX Announcements, continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original ASX announcement.

This presentation uses mineral reserves and mineral resources classification terms that comply with reporting standards in Australia. These standards differ significantly from the requirements of the United States Securities and Exchange Commission that are applicable to domestic United States reporting companies and, therefore, are not comparable.

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References to Tropicana are at 30% ownership unless otherwise noted.

All amounts are expressed in US\$ using an AUD:USD exchange rate assumption of 0.67 unless stated otherwise.

ASX announcements are available on the Company's website at www.regisresources.com.au



Corporate overview

Experienced and diverse leadership



Board



Non-Executive Chair James Mactier



Managing Director Jim Beyer



Non-Executive Director Fiona Morgan



Non-Executive Director Steve Scudamore



Non-Executive Director Lynda Burnett



Non-Executive Director Paul Arndt



Rey Management



Chief Operating Officer Stuart Gula



Chief Financial Officer Anthony Rechichi



Company Secretary Elena Macrides



GM Growth Wade Evans



GM People and Capability Tim Conversi



Head of Investor Relations Ben Goldbloom



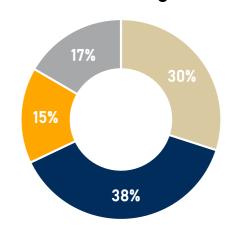
a ASX:RRL

Shares on issue 755M

> Share price A\$2.14¹

Market Capitalisation A\$1.6B1 US\$1.1B

Shareholder register



- Institutional (AUS)
- Institutional (Europe/UK)
- Institutional (US/CAN)
- Retail and other



Long life assets in tier 1 locations

10+ years Strong platform to launch disciplined growth **McPhillamys** • One of Australia's largest Duketon 6+ years undeveloped open-pittable NT gold deposits - Stabilised operational performance Final NSW approval QLD received in March 2023 Substantial growth potential from Underground mines WA Brisbane æ SA DUKETON ଛ MCPHILLAMYS NSW Perth 1 Sydney Tropicana 10+ years Adelaide Canberra VIC - 30% stake in a Tier-1 asset that consistently total resources 10Moz generates exceptional returns Melbourne Delivered US\$104M in operating cash flow FY23 YTD 4Moz total reserves - Havana open pit approaching commercial production

Hobart



Investment highlights

A strong financial platform with multiple growth options 100% in Australia



High quality portfolio

- Targeting 500koz/year
- 100% Australian assets
- 8 year Reserve life with
 2 x 10+ year assets
- 4th largest Australian gold producer on the ASX



Strong financial platform

- FY23 H1 US\$132M underlying EBITDA
- FY23 H1 US\$99M operating cash flow
- Low leverage ratios
- Unhedged by end of FY24



Organic growth

- McPhillamys Project
- Tropicana undergrounds
- Duketon undergrounds
- Dominant position on the Duketon and Tropicana gold belts

ESG highlights

Continued progress year on year



LTIFR

0.6



Carbon reduction

Solar farm



Female employees

22%



Community (\$)

32% 1





Installation of 9MW solar farm (Duketon)



Cash flow and profitability margins to improve from H2 FY23

A business with scale and multiple organic growth options

FY23 Guidance#

Gold Production 450-470koz

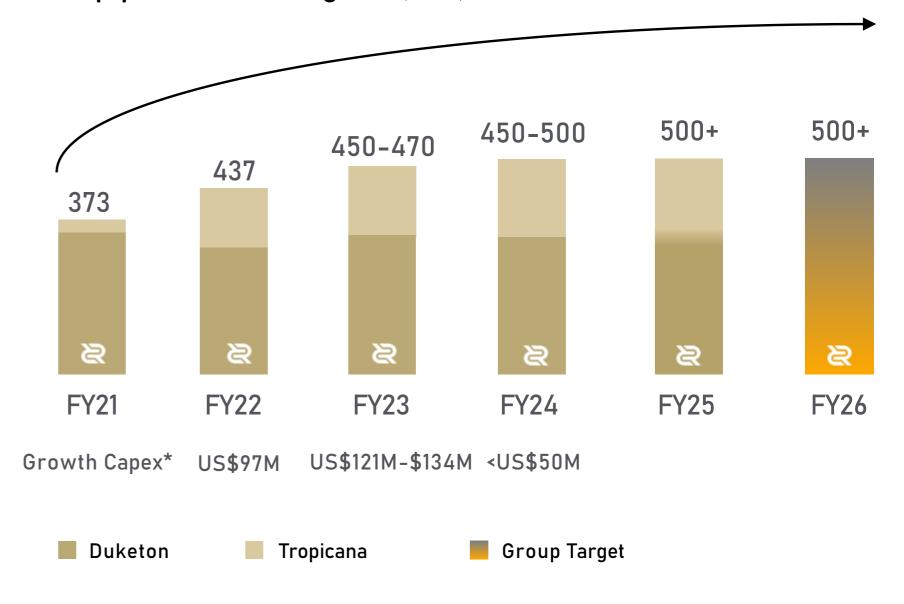
AISC US\$1,203-\$1,236/oz

Growth Capital US\$121M-\$134M

Expl. & McPhillamys US\$44M

- Gold production to increase in Q4 FY23
- Growth capital to reduce in Q4 FY23
- +500koz per year target from internal sources includes yet to be approved McPhillamys after FY25

Group production targets (koz)

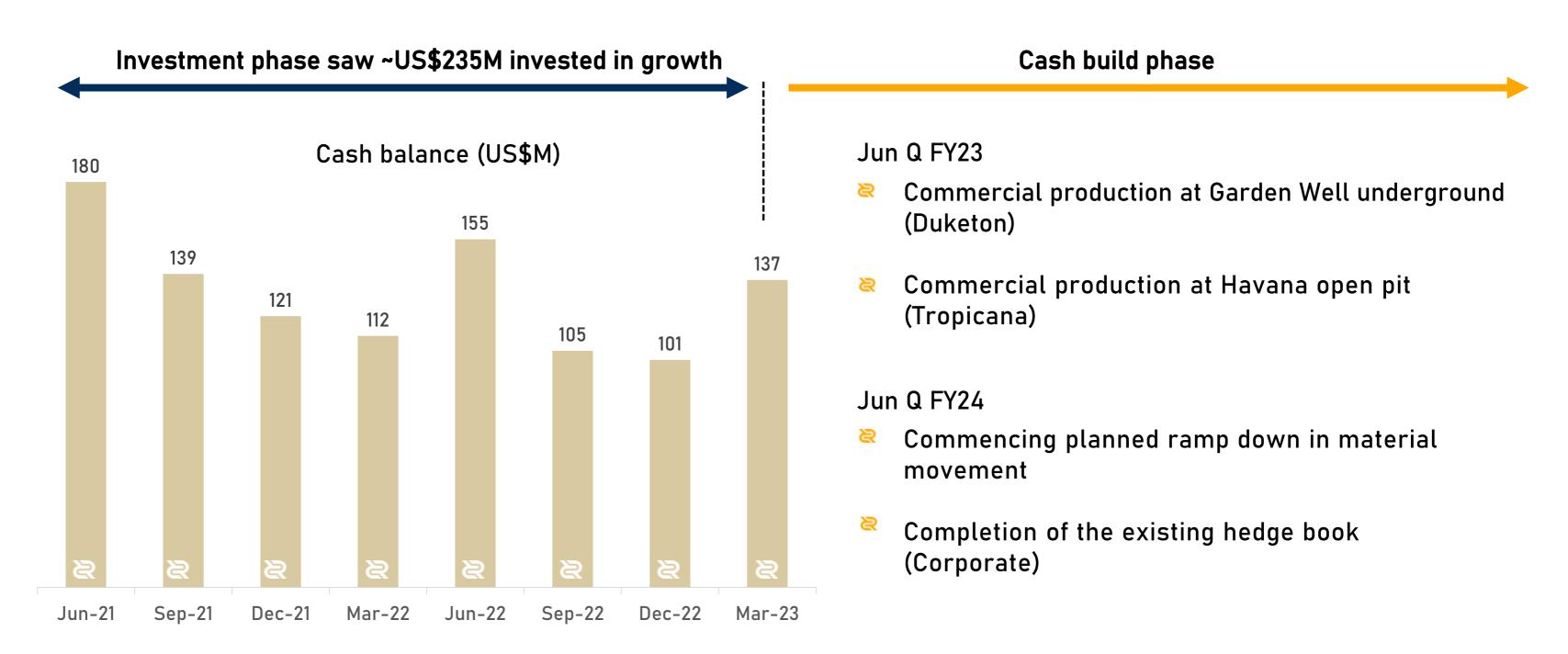


^{*} Board approved growth capex only # Revised guidance as per ASX announcement dated 17 April 2023



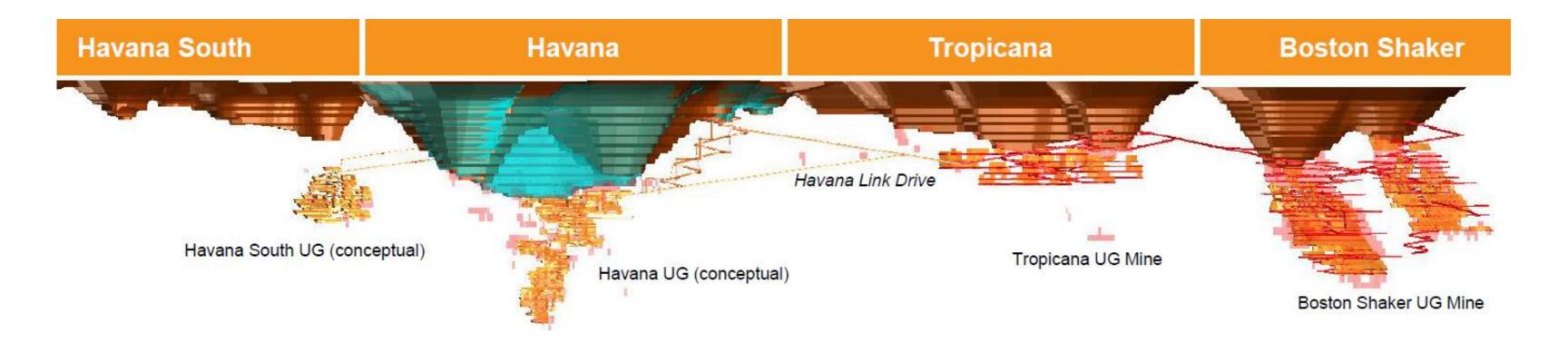
With the investment phase behind us, enter cash build

Cash build commenced in June quarter 2023





Reliable cash flow generation with an increasing production profile



Gold production increases to ~150koz from FY24 onwards

Growth capex decreasing from FY24 onwards

Mine life targeted to extend beyond 10+ years

Strong cash generation over the life of mine



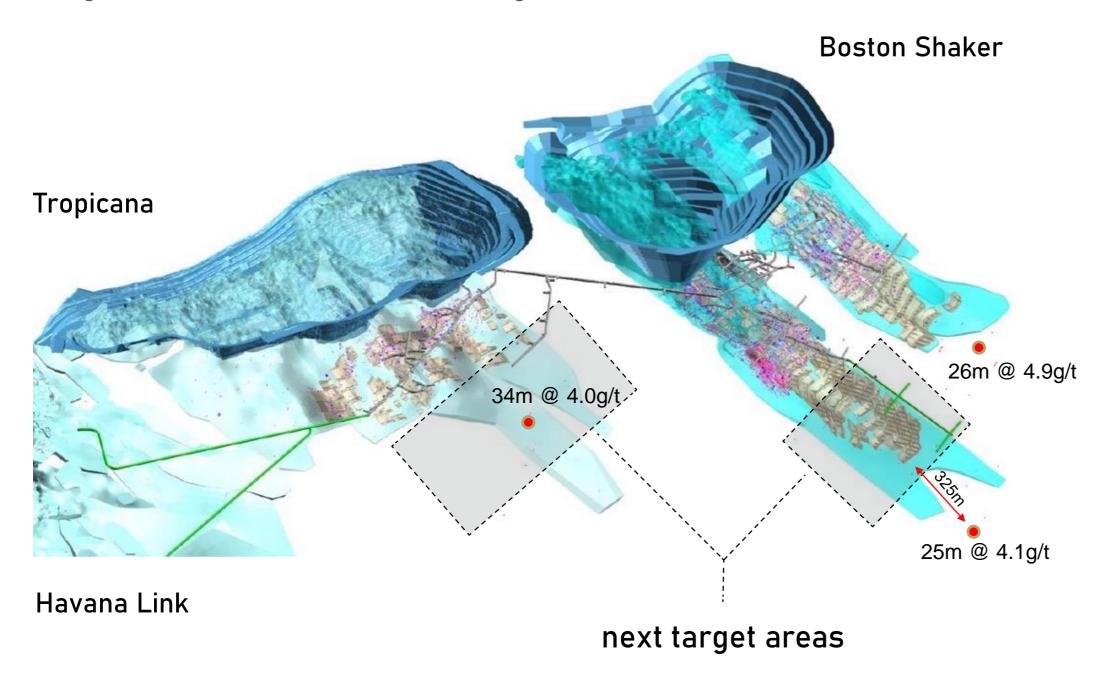
Tropicana outlook

Production has outperformed the original project since 2017





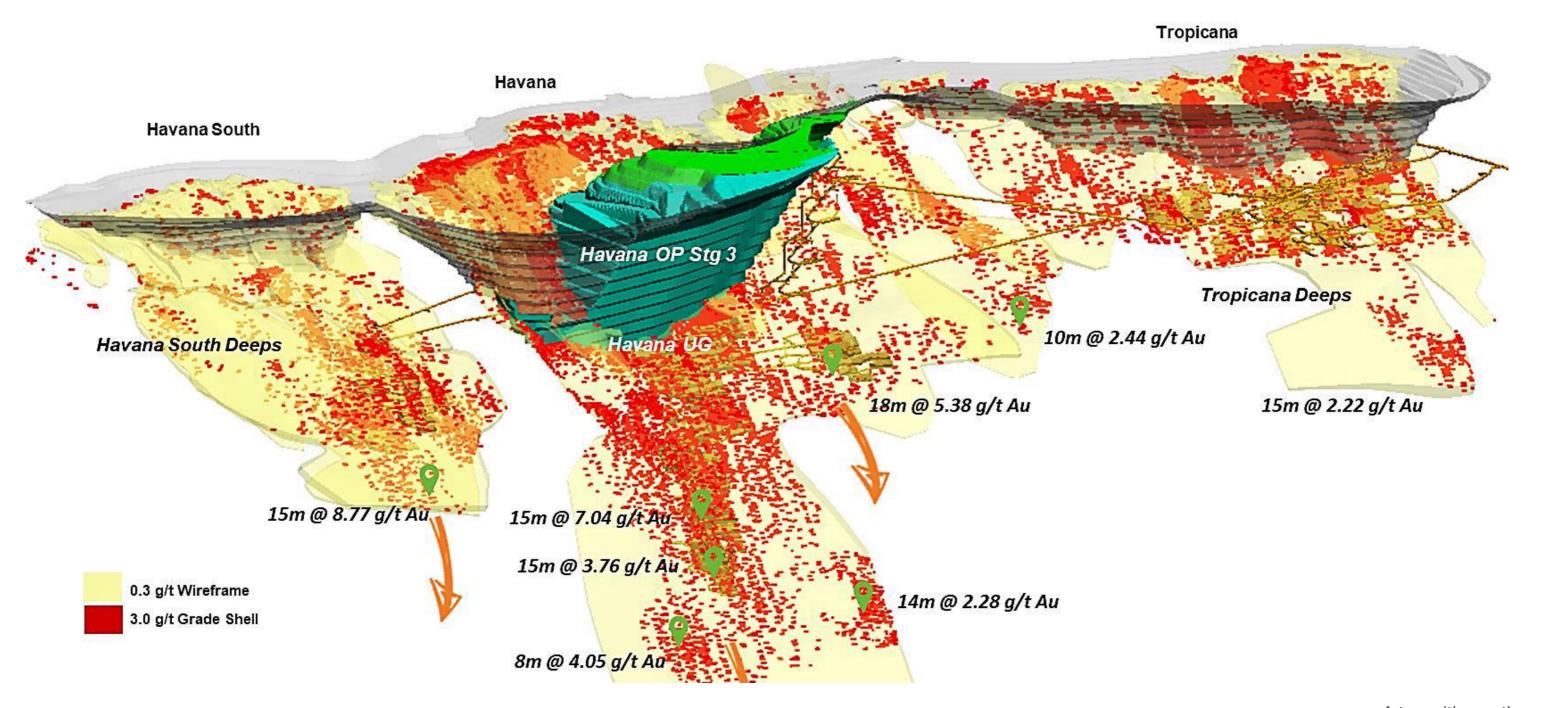
Long term mine life with no end in sight



- Gold production increases to ~150koz from FY24
- Growth capex decreasing from FY24
- Strong cash generation over the life of the mine
- Mine life targeted to 10+ years
- Underground Reserves outpacing depletion

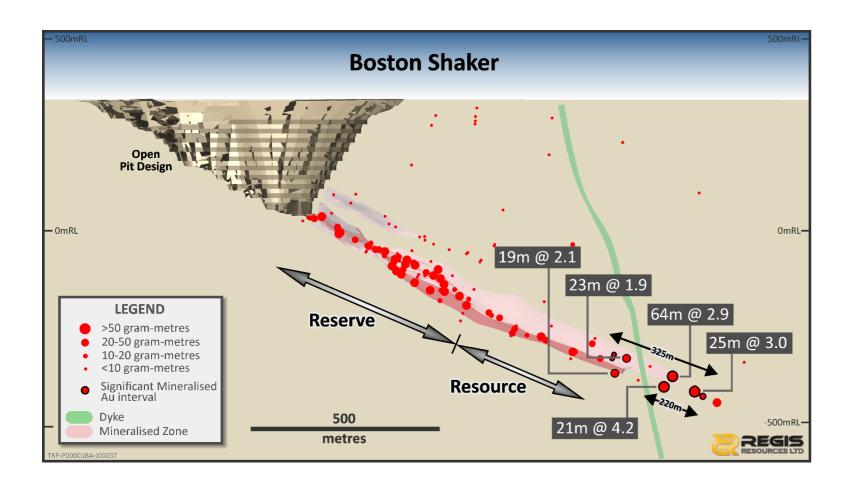


Long term mine life with no end in sight





Long term mine life with no end in sight



652,000E 6,764,000N 6.764.500N 652.500E 6,763,500N SW **Boston Shaker** 26m @ 4.9 3m @ 4.0 17m @ 2.3 14m @ 4.6 5.9m @ 1.0 6.7m @ 15.6 6m @ 2.3 25m @ 3.0 >50 gram-metres 20-50 gram-metres • 10-20 gram-metres 2m @ 1.1 <10 gram-metres</p> REGIS 652,000E 6,764,000N

Feed from undergrounds increasing year on year at ~3g/t

Open pit feed from Havana commenced in FY23 at 1.5g/t reducing lower grade stockpile feed

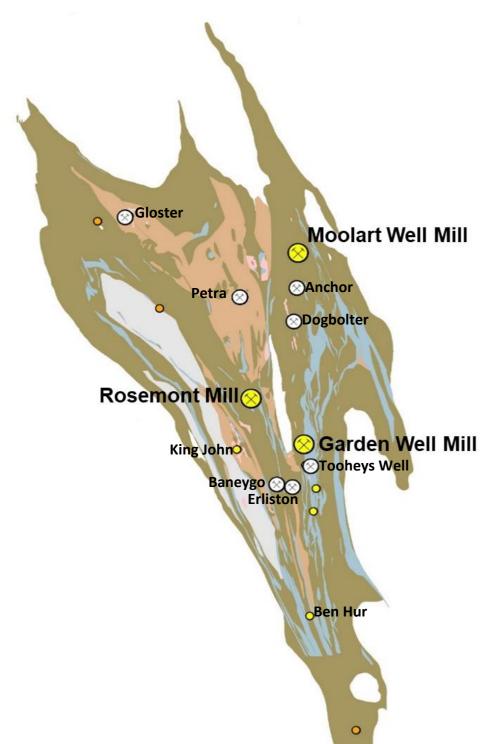
Mill throughput at 9-10Mtpa (20% UG, 50% OP, 30% SP)

Commenced exploration drive to evaluate additional underground ore sources



Duketon regional geology

Another highly prospective greenstone belt in the goldfields



The Archean Duketon Greenstone belt is a $100 \times 50 \text{ km}$ geological domain with strong affinities to the highly gold endowed Laverton Greenstone Belt to the south

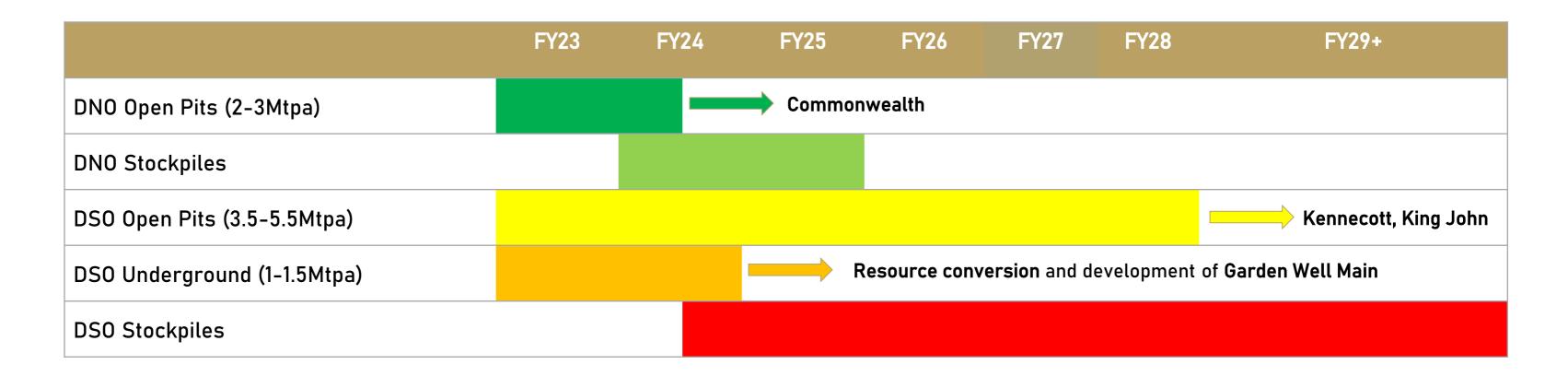
Multiple gold mineralisation trends, host rocks and styles are present:

- Shear-related e.g. Garden Well, Moolart Well and Dogbolter-Coopers.
- Quartz dolerite e.g. Rosemont, Baneygo, Idaho, Ben Hur and Maverick.
- Intrusion-related e.g. King John.
- Stockwork style e.g. Gloster.
- BIF hosted e.g. Toohey's Well.
- Laterite and supergene enrichment processes have developed large shallow oxide deposits which are highly amenable to low-cost open pit mining at Moolart Well, along the Rosemont Trend and Commonwealth
- Historical discovery cost since start up of:
 - ~US\$13 per ounce of Resource
 - ~US\$34 per ounce of Reserve



Duketon life of mine feed*

Potential to increase life from both underground and open pit operations



DSO open pit base load from Garden well supported by Rosemont, Tooheys Well and Ben Hur

DSO underground from Garden Well and Rosemont and expecting Resource conversion to extend life

DNO open pit base load from Moolart Well, value contribution of DNO to Duketon life of mine under evaluation



Duketon underground Reserve development

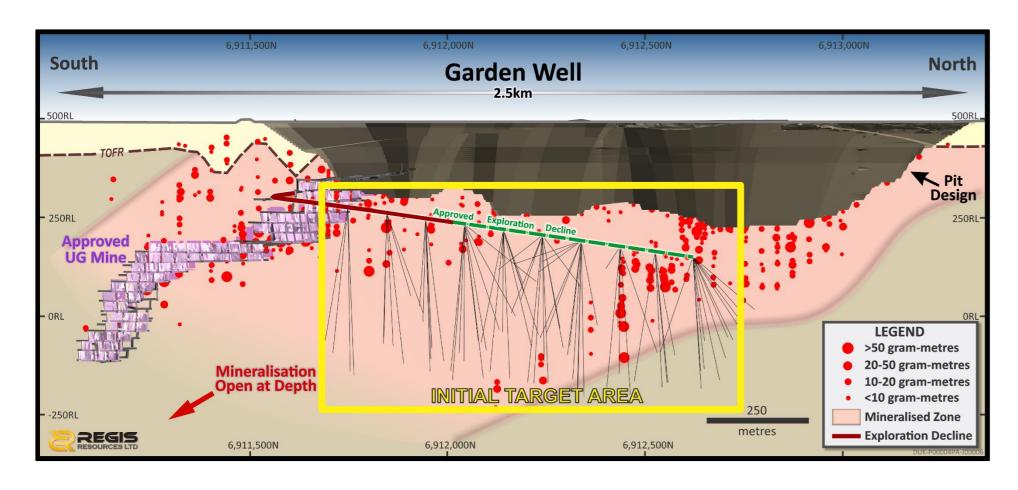
Outpacing depletion

- Increasing underground production to ~1.5Mtpa run rate by end of FY23
 40% of Duketon gold production
- Shear related mineralisation hosted within well-defined lithology
- Open along strike and at depth with significant exploration potential
- Exploration decline over 500m complete at Garden Well for down dip Resource conversion and undrilled areas



Duketon returned to reliable production

300koz+ producer where the transition underground is showing its potential







Exploration decline over 500m into Garden Well Main

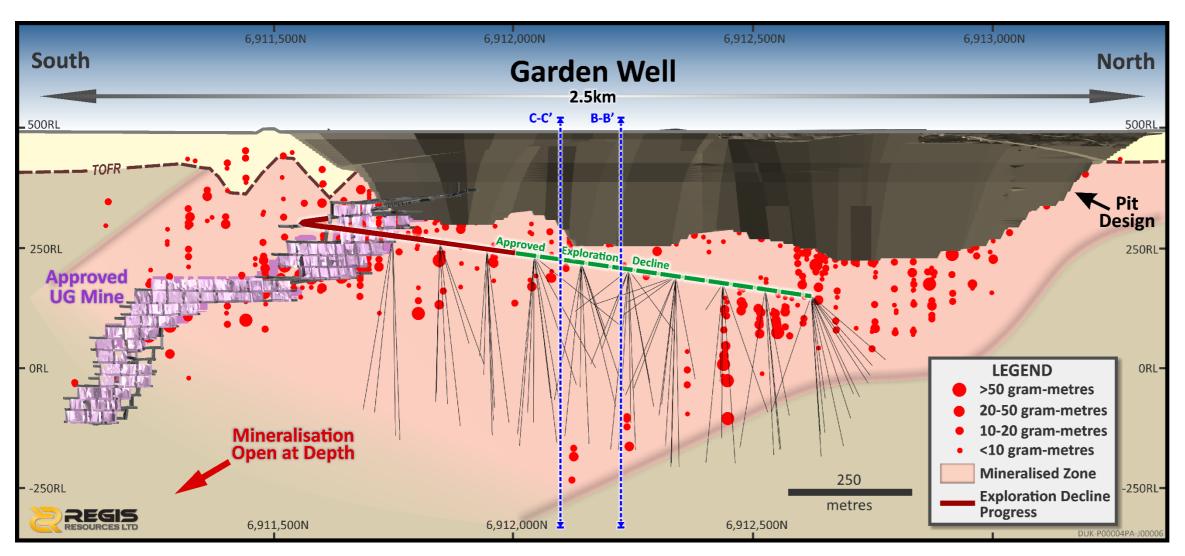
Drilling results continue to indicate a large broad system that holds high grade zones

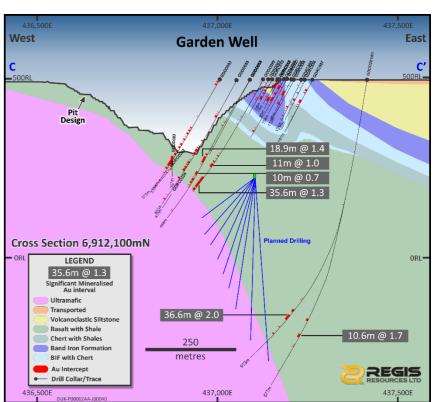
Initial drilling has returned visible gold, will provide update in the R&R release in the June quarter FY23

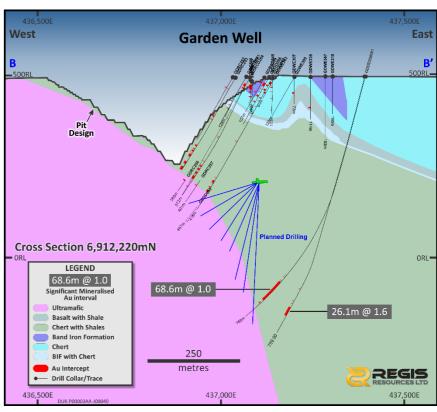


Duketon underground Reserve development

Behaving like the "typical" WA underground and replacing Reserves



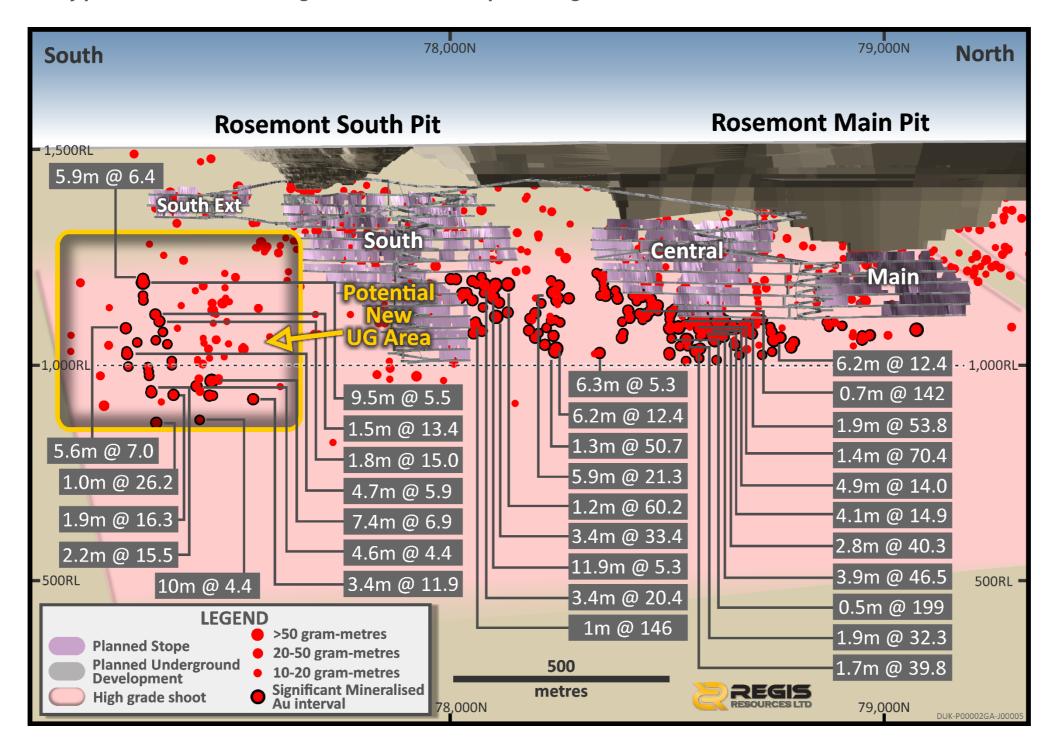






Duketon underground Reserve development

Behaving like the "typical" WA underground and replacing Reserves





Duketon open pit Reserve development

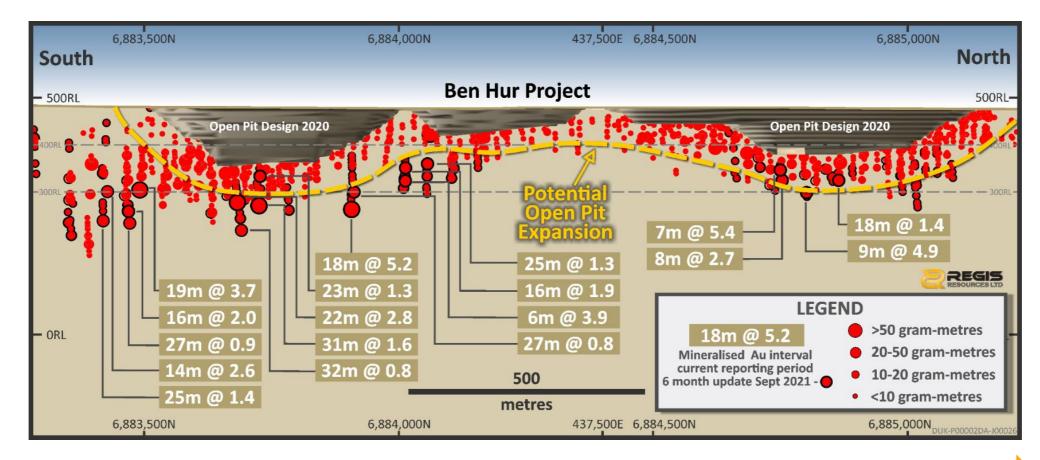
Follow up drilling continues through FY23

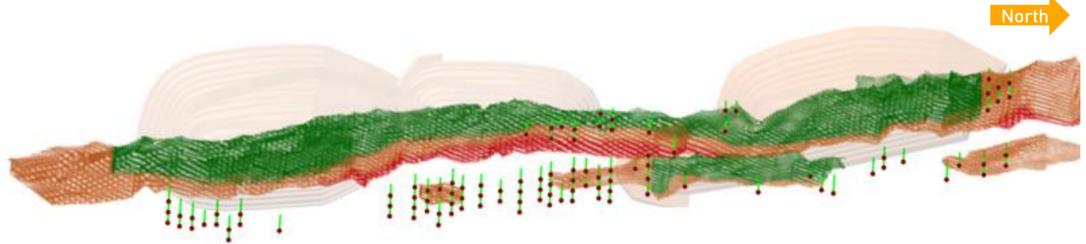
- Base load of Open Pit feed from Moolart Well (DNO) and Garden Well (DSO)
 - DNO produces 2-3Mtpa
 - DSO produces 3.5-5.5Mtpa
 - Supported by satellite pits
- Well established road network and infrastructure
- Thick, high-grade extensions down dip at Ben Hur are expected to grow the open pit resources
 - Deeper intercepts show early indications of potential UG lodes
- Kennecott (Ben Hur), King John and King of Creation to provide potential life extension at DSO
- Commonwealth provides potential life extension at DNO



Duketon open pit Reserve development

Development activity commenced at Ben Hur



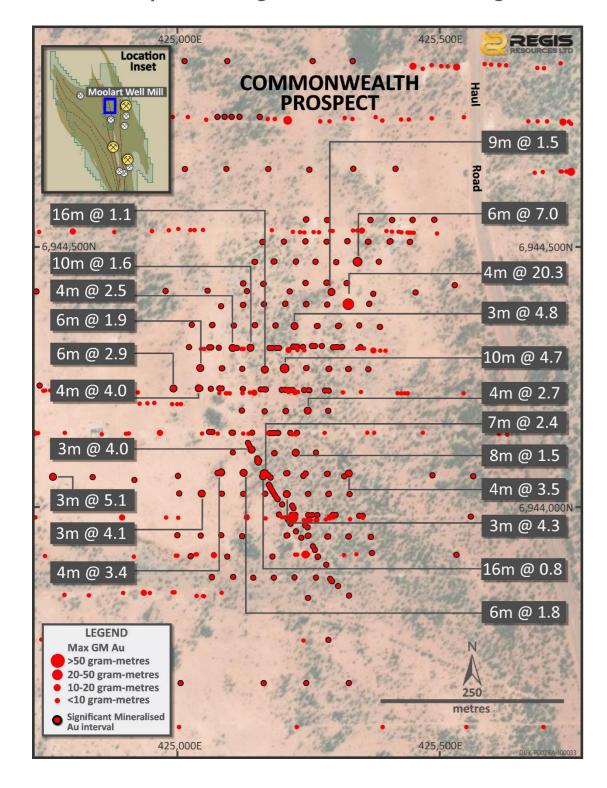


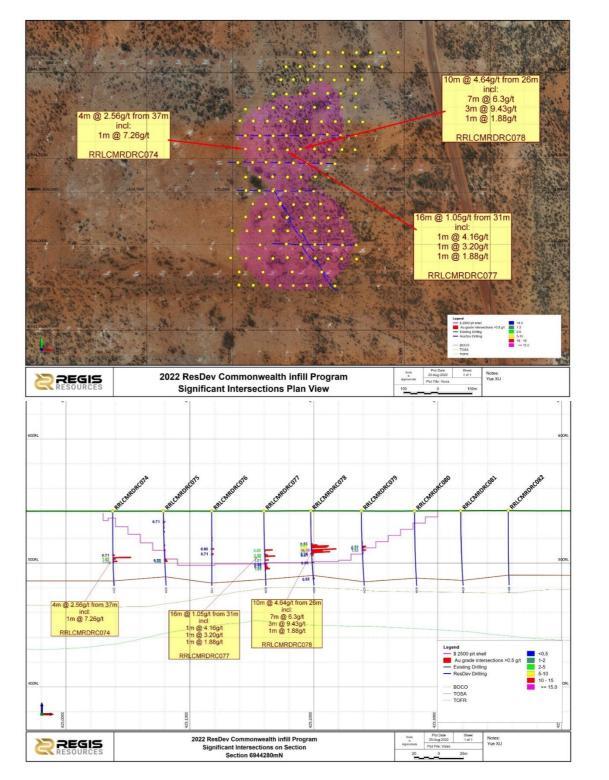
Drilling Kennecott Lode to expand Ben Hur pit



Duketon open pit Reserve development

Follow up drilling continues through FY23

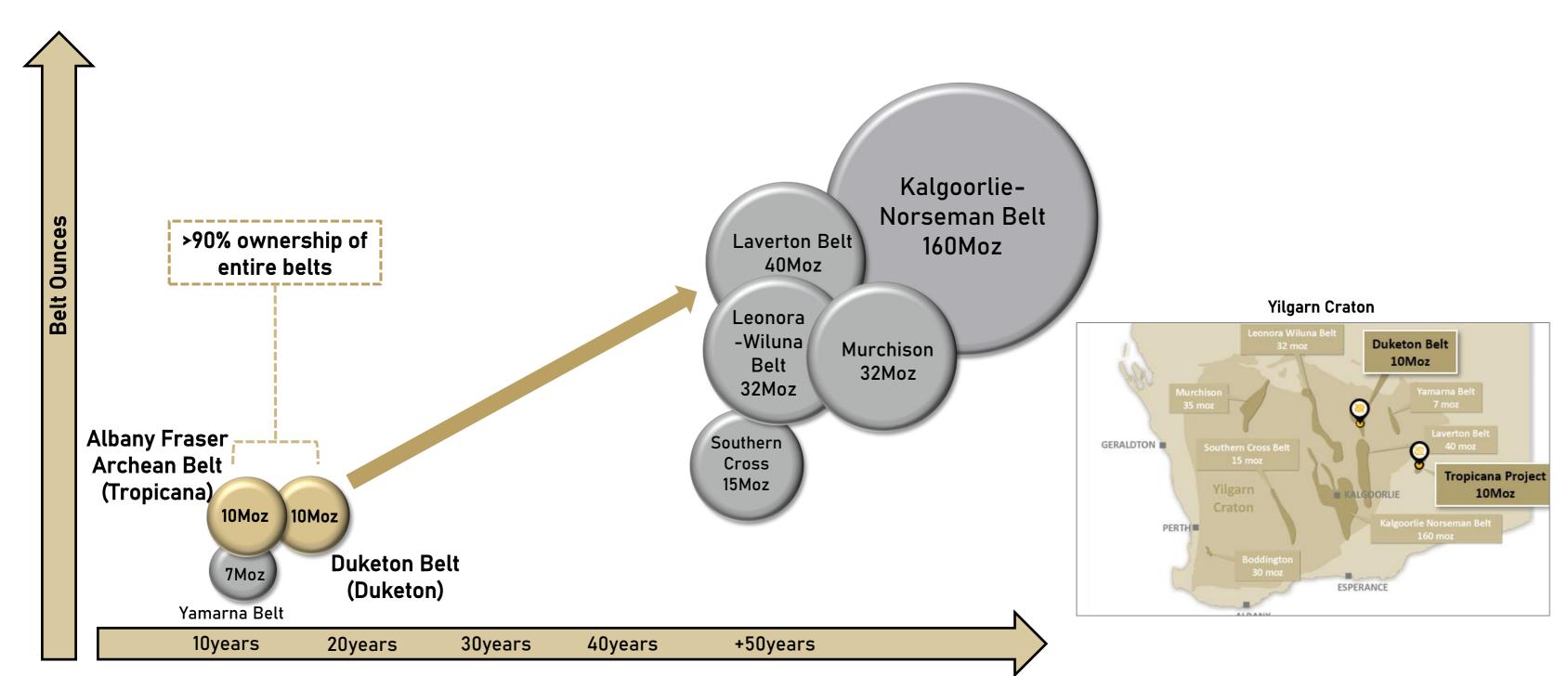






A future of growth

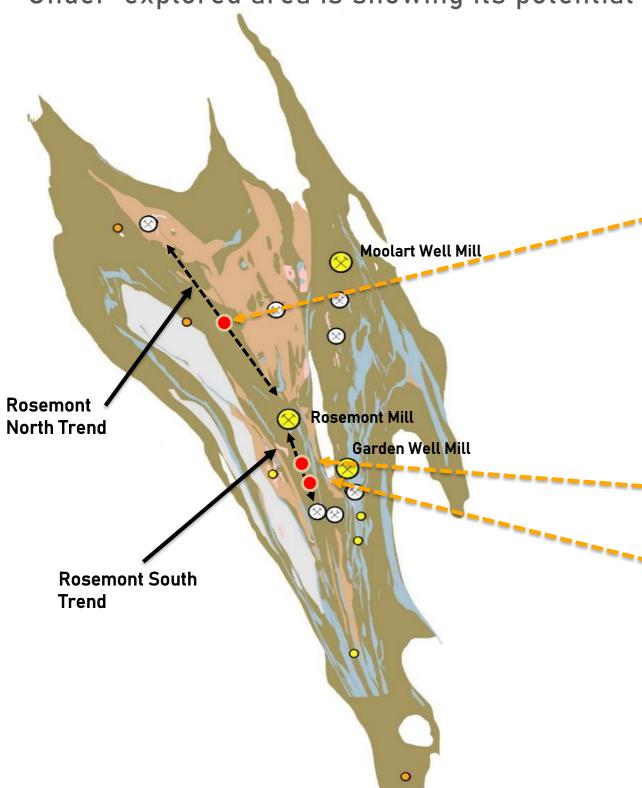
On greenstone belts the longer you explore the more you find





A future of growth

Under-explored area is showing its potential



1km aircore anomaly on Rosemont North Trend

Bandya

9m @ 2.81 g/t (80 – 89m) 8m @ 1.70 g/t (72 – 80m)

Promising results on the Rosemont South Trend

Maverick

7m @ 19.76 g/t gold from 143m 11m @ 38.19 g/t gold from 83m 8m @ 1.2 g/t gold from 100m

McKenzie

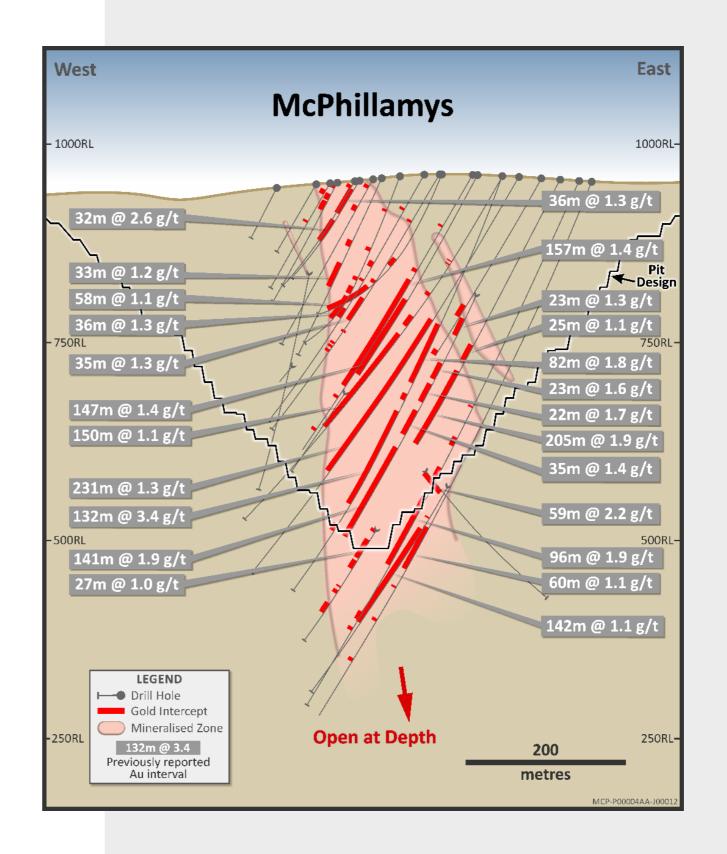
_12m @ 6.0 g/t gold from 40m



McPhillamys – long life mine

Top tier project producing up to 200koz per year over 10+years in Australia

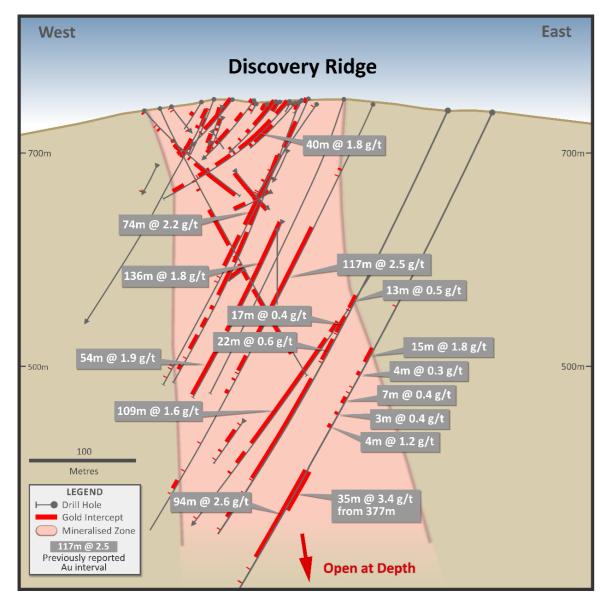
- NSW state IPC determination received in March 2023
 - Expecting response on Federal Section 10 shortly
- Final investment decision expected March quarter FY24
- Design is a 7Mtpa throughput with a traditional crush grind and Carbon-In-Leach flowsheet
- Located on the highly endowed Lachlan Fold belt which hosts over 150Moz of gold
 - Grade gets better at depth
 - Exploration to accelerate in FY24



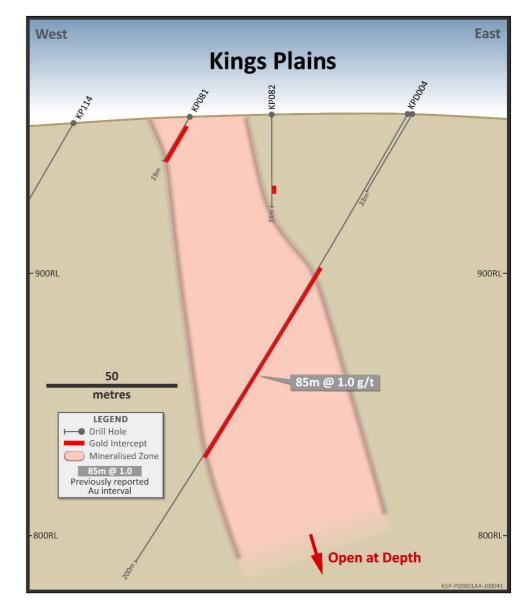


McPhillamys - hosted on a prospective gold belt

Further drilling could see more options added to the future mine plan



Discovery Ridge has 390koz in Resource and with further drilling has the potential for Reserve additions



Encouraging drill intercepts across the road at Kings Plains 85m @ 1g/t



Balance sheet as at 31 March 2023

Strong balance sheet provides platform for growth

- Cash and bullion balance of US\$137M¹ as at 31 March 2023
- US\$201M term loan facility matures in May 2024, planned to be refinanced
 - Refinancing to also consider funding options for McPhillamys
 - Strong interest from multiple parties including existing syndicate
- Total hedge book reduced to 145koz at A\$1,571/oz as at 31 March 2023
 - Existing hedges scheduled to be delivered in full by June 2024
- Balance sheet managed with conservative leverage ratios



The investment case

The Regis recipe for outperformance

- Strong financial platform
- Generate robust operating cash flows
- Long Reserve life with a production growth profile
- Exclusively in Tier 1 locations
- Progressive and measured approach to ESG
- Dominant positions on prospective gold belts



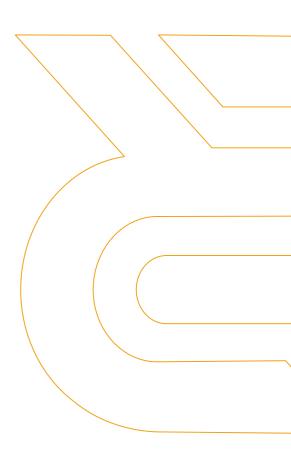
















Reserve Table

ORE RESERVES as at 31 December	r 2021 (R eg	is Attributable)												
Gold					Proved				Probable		To	Competent Person ³		
Project ¹	Equity	Туре		Cut-Off (g/t) ²	Tonnes (Mt)	Gold Grade (g/t)	Gold Metal (koz)	Tonnes (Mt)	Gold Grade (g/t)	Gold Metal (koz)	Tonnes (Mt)	Gold Grade (g/t)	Gold Metal (koz)	
DNO ROM Ore Reserves		Open-Pit	ROM	0.6	0.3	0.7	10	4.0	1.0	130	4.3	1.0	140	В
DNO LG Ore Reserves		Open-Pit	LG	0.3	2.0	0.3	20	0.7	0.5	10	2.7	0.4	30	В
Duketon North Deposits		Sub Total			2.3	0.4	30	4.7	1.0	140	7.0	0.8	170	
DSO ROM Ore Reserves		Open-Pit	ROM	0.5	7.5	0.7	160	18.5	1.2	720	26.0	1.1	880	В
DSO ROM Ore Reserves		Underground	ROM	2.0	0.0	1.9	0	2.9	2.8	260	2.9	2.8	260	С
DSO LG Ore Reserves		Open-Pit	LG	0.3	4.9	0.3	50	2.6	0.4	40	7.5	0.4	90	В
Duketon South Deposits		Sub Total			12.4	0.5	210	24.1	1.3	1,020	36.4	1.0	1,230	
Duketon Total	100%	Sub Total			14.7	0.5	240	28.7	1.3	1,160	43.4	1.0	1,400	
Tropicana ROM Ore Reserves	-	Open-Pit	ROM	0.7	0.7	1.8	40	6.8	1.9	410	7.4	1.9	450	F
Tropicana ROM Ore Reserves		Stockpiles	ROM	0.6	2.4	0.8	60	0.0	0.0	0	2.4	0.8	60	F
Tropicana ROM Ore Reserves		Underground	ROM	2.5	1.2	2.9	110	0.0	0.0	0	1.2	2.9	110	G
Tropicana Total	30%	Sub Total			4.3	1.6	220	6.8	1.9	410	11.0	1.8	630	
McPhillamys	100%	Open-Pit	ROM	0.4	0.0	-	-	60.8	1.0	2,020	60.8	1.0	2,020	В
REGIS TOTAL		GRAND TOTAL			19.0	0.7	450	96.3	1.2	3,600	115.2	1.1	4,050	

Notes

The above data has been rounded to the nearest 1,000,000 tonnes, 0.1 g/t gold grade and 10,000 ounces. Errors of summation may occur due to rounding.

- 1. Ore Reserves are reported inclusive of associated Stockpiles except for Tropicana.
- 2. Cutoff grades vary according to oxidation and lithology domains. Listed cut-offs are the weighted average of these various cut-offs grades for that project classification.
- 3. Refer to Group Competent Person Notes.
- 4. Tropicana Reserve updated to 31 December 2022 as previously reported in "Mineral Resource and Ore Reserve Update at Troipcana" dated 23 February 2023



Resource Table

MINERAL RESOURCES as at 31 December 2021 (Reg		e)														
Gold					Measured			Indicated			Inferred			Total Resource	Competent Person	
Project1	Equity	Туре	Cut-Off (g/t)	Tonnes (Mt)	Gold Grade (g/t)	Gold Metal (koz)	_									
Moolart Well		Open-Pit	0.4	7	0.7	170	14	0.7	320	12	0.7	280	33	0.7	760	Α
Duketon North Minor Mineral Resources ³		Open-Pit	0.4	1	0.4	20	11	0.8	280	11	0.7	260	23	0.9	550	A/D
Duketon North Deposits		Sub Total		8	0.7	180	25	0.7	590	23	0.7	540	56	0.7	1310	
Garden Well		Open-Pit	0.4	11	0.6	230	43	0.9	1,230	4	0.7	100	59	0.8	1,550	А
Duketon South Minor OP Mineral Resources ³		Open-Pit	0.4	5	0.7	120	38	1.1	1,370	5	1.1	180	48	1.1	1,660	Α
Duketon South Minor UG Mineral Resources ⁴		Underground	1.8/2.0	1	4.2	168	2	3.9	246	2	3.9	212	5	4.0	630	Α
Duketon South Deposits		Sub Total		18	0.9	510	83	1.1	2,840	11	1.4	490	112	1.1	3,850	
Duketon Total	100%	Total		26	0.8	690	108	1.0	3,440	34	0.9	1,030	169	1.0	5,160	
Tropicana ⁵		Open-Pit	0.3/0.4	1	1.5	40	9	1.7	460	0.0	0.7	0	10	1.6	500	E
Tropicana ⁵		Underground	1.6	4	2.7	340	2	2.8	140	10	2.4	750	15	2.5	1,230	E
Tropicana ⁵		Stockpiles		7	0.6	140	-	-	-	-	-	-	7	0.6	140	E
Tropicana	30%	Sub Total		12	1.4	530	10	1.8	590	10	2.4	760	32	1.8	1,880	
McPhillamys		Open-Pit	0.4	-	-	-	69	1.0	2280	1	0.6	10	70	1.0	2290	А
Discovery Ridge		Open-Pit	0.4	-		-	8	1.3	330	2	0.8	60	10	1.2	390	Α
NSW Deposits	100%	Sub Total		-	-	-	77	1.1	2,610	3	0.8	70	80	1.0	2,680	
REGIS TOTAL		GRAND TOTAL		40	0.9	1,210	199	1.1	6,770	48	1.3	1,940	281	1.1	9,720	

Notes

The above data has been rounded to the nearest 1,000,000 tonnes, 0.1 g/t gold grade and 10,000 ounces. Errors of summation may occur due to rounding.

All Mineral Resources are reported inclusive of Ore Reserves in accordance with the JORC Code 2012 unless otherwise noted.

- 1. Mineral Resources and Ore Reserves are reported inclusive of ROM Stockpiles at cut-off grade.
- 2. Refer to Group Competent Person Notes.
- 3. Minor Mineral Resources for DNO are Gloster, Dogbolter-Coopers, Petra, Anchor, Ventnor and Terminator. Minor Mineral Resources for DSO are Rosemont Open Pit, Toohey's Well, Baneygo, Erlistoun, Beamish, Reichelt's Find, Russell's Find, King John and Lancefield North.
- 4. Minor Underground resources are Rosemont Underground and Garden Well Underground. Garden Well Underground reported at an Economic cutoff of 1.8g/t, Rosemont Underground reported at an economic cutoff of 2.0g/t
- 5. Only Regis 30% holding in Tropicana. Tropicana previously reported in "Mineral Resource and Ore Reserve Report as as 31 December 2022" dated 23 February 2023