

A future with growth



Noosa Mining Investor Conference

17-19 July 2024



Cautionary statement

This presentation contains only a brief overview of Regis Resources Limited and its associated entities (“Regis or RRL”) and their respective activities and operations. The contents of this presentation, including matters relating to the geology of Regis’ projects, may rely on various assumptions and subjective interpretations which it is not possible to detail in this presentation and which have not been subject to any independent verification.

This presentation contains a number of forward-looking statements that are subject to risk factors associated with gold exploration, mining and production businesses. It is believed that the forward looking statements in this presentation are reasonable based on information available as at the date of this presentation but known and unknown risks and uncertainties, and factors outside of Regis’ control, may cause the actual results, performance and achievements of Regis to differ materially from those expressed or implied in this presentation. These risk factors 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. Readers are cautioned not to place undue reliance on forward looking statements. No representation or warranty, express or implied is made as to the accuracy, currency or completeness of the information in this presentation, nor the future performance of Regis. Except as required by applicable law or regulations, Regis does not undertake to publicly update or review any forward-looking statements, whether as a result of new information or future events. Current and potential investors and shareholders should seek independent advice before making any investment decision in regard to Regis or its activities.

Mineral Resources, Ore Reserves are extracted from the Mineral Resource and Ore Reserve Statement and exploration update released to the ASX on 17 June 2024, half year financial results from the ASX release on 22 February 2024 and Quarterly Activities Report released on 24 April 2024 and “Development Approval For Two Underground Mines And Underground Reserves Increase” dated 6 May 2024 (the Relevant ASX Announcements).

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.

Past performance and pro-forma financial information given in this document, including in relation to upgrades to resources and reserves, is given for illustrative purposes only and should not be relied upon as (and is not) an indication of future performance, nor of Regis’ views on the Company’s future financial performance or condition. Investors should note that past performance of Regis, including the historical trading prices of its shares, cannot be relied upon as an indicator of and provides no guidance as to Regis’ future performance, including the future trading price of its shares. The historical information included in this presentation is, or is based on, information that has previously been released to the market.

As noted above, an investment in Regis shares is subject to known and unknown risks, some of which are beyond the control of Regis. Regis does not guarantee any particular rate of return or the performance of the Company, nor does it guarantee the repayment of capital from Regis or any particular tax treatment.

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References to Tropicana are at 30% ownership unless otherwise noted. Regis is an Australian company which reports in AUD.

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

Production Target

Relevant Proportions Underpinning the Production Target

Regis has outlined a consolidated gold Production Target of between 100koz and 120koz from FY27 from its two new Duketon underground mines, Garden Well Main and Rosemont Stage 3. This production target comprises 33% Indicated Mineral Resources, 31% Inferred Mineral Resources and 36% Exploration Target.

The material assumptions on which the Production Target is based are provided below.

The material assumptions on which the Duketon Production Target is based are presented in the ASX release “Development Approval For Two Underground Mines And Underground Reserves Increase” dated 6 May 2024 and available to view at www.regisresources.com.

Cautionary Statement concerning the proportion of Inferred Mineral Resources

There is a low level of geological confidence associated with Inferred Mineral Resources. Further exploration work will not necessarily convert them to Indicated Mineral Resources or realise the production target itself.

Cautionary Statement concerning the Proportion of Exploration Target

Of Regis' Production Target, 36% comprises an Exploration Target. The potential quantity and grade of this Exploration Target are conceptual in nature, and there is no certainty that further exploration work will result in the determination of Mineral Resources or that the Production Target itself will be realised.

Competent Persons have prepared the mineral inventories and Exploration Targets underpinning the Production Target in accordance with the requirements of the JORC Code.

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

Exploration Targets

Exploration Target at Garden Well (noted on Slide 7) is extracted from ASX release “Mineral Resource and Ore Reserve Statement” dated 20 June 2023. The Garden Well Exploration Target is estimated to contain between 9Mt and 18Mt at a grade ranging between 2.3 g/t Au and 2.9 g/t Au across the deposit. The Exploration Target area includes the known Garden Well underground mineral system as well as potential down plunge depth extensions and open areas along strike, both North and South, with a 1,000m vertical extent from +350m RL to -650m RL.

Exploration Target at Rosemont (noted on Slide 7) is extracted from ASX release “Development Approval For Two Underground Mines And Underground Reserves Increase” dated 6 May 2024. The Rosemont Exploration Target is estimated to contain between 0.6Mt to 0.8Mt at a grade ranging between 2g/t to 3g/t across the deposit. The Exploration Target area includes the known Rosemont underground mineral system as well as potential down plunge depth extensions and open areas along strike.

Study work has identified that the Garden Well and Rosemont undergrounds are potentially large mineralised systems, with significant untested resource potential in the south direction and at depth. Known mineralisation patterns suggest continuity at depth, but significant resource risk and uncertainty remains. The potential quantity and grade of the Exploration Targets are conceptual in nature and therefore is an approximation. There has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource. The Exploration Target has been prepared and reported in accordance with JORC Code 2012.

The Exploration Targets have been reasonably defined based on a review of the Garden Well and Rosemont deposits using existing data, including drill hole databases, geophysical data sets and Mineral Resource Estimate (MRE) data. The drill data shown as gram-metre intervals was used to assist in defining the volumes used to quantify the Exploration Targets.

The Exploration Target mineralised zones are constructed to form a volume for block model estimation with the same parameters as the Garden Well and Rosemont underground resources. Tonnage estimates are generated by applying bulk densities from the Garden Well and Rosemont deposit and underground mining shapes assume the same mining methods and cost structure as for the Garden Well South and Rosemont underground operations.

To mitigate the risk and further evaluate the Exploration Target, a high-level drill program has commenced and is ongoing. The drilling to date has begun to test the initial target area with results supporting the assumptions behind the Exploration Targets.

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

Who we are





Unhedged gold producer with long life assets

Strong platform in a Tier 1 location

Duketon ~6 years

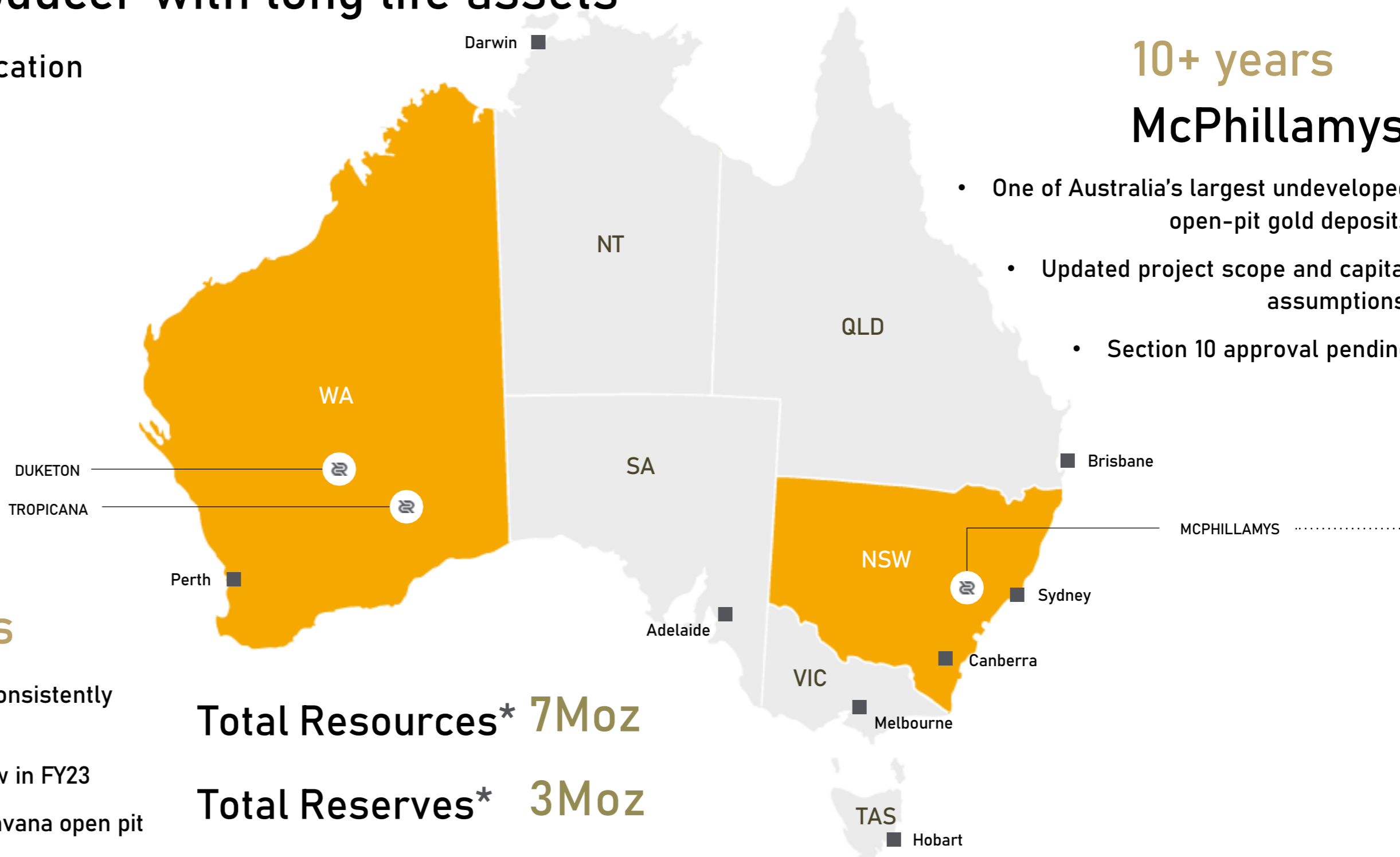
- Stabilised operational performance
- Substantial growth potential from underground mines

Tropicana 10+ years

- 30% ownership of a Tier-1 asset that consistently generates exceptional returns
- Delivered ~\$200M operating cash flow in FY23
- Commercial production declared at Havana open pit
- Reserves continue to grow with CY23 depletion fully replaced plus more*

10+ years McPhillamys

- One of Australia's largest undeveloped open-pit gold deposits
- Updated project scope and capital assumptions.
- Section 10 approval pending



Total Resources* 7Moz

Total Reserves* 3Moz

* ASX release 17 June 2024

Growing our ESG credentials

Progressive and measured approach to ESG



FY24 YTD LTIFR

0.00

>1,200 CCV's



Female Representation

22%: Employees

33%: Board



Solar Farms

9Kw: Duketon

62Kw: Tropicana



Land Rehabilitation

203 Ha

up 400% vs FY22



Building Capacity

**WTA: Mantjintjarra Ngalia
People**



Creating a safe work culture

Launched Safe2Say



FY24 Group production demonstrates cash generation capacity

Regis delivered FY24 Group production of 418koz of gold in FY24

🔗 On solid Q4 FY24 Group production of 106.9koz as Duketon recovered and Tropicana continued to recover from the rain events in March 2024.

FY24 Guidance	Duketon	Tropicana (30%)	Group
Production (actual koz)	290	127	418
<i>Guidance (koz)</i>	<i>280 - 305</i>	<i>135 - 150</i>	<i>415 - 455</i>
AISC (\$/oz)	2,050 - 2,360	1,800 - 2,120	1,995 - 2,315
Growth Capital (\$M)	85 - 95	<5	85 - 95
Exploration (\$M)		-	48 - 55
McPhillamys (\$M)			22 - 25

Regis built a cash and bullion¹ balance of \$295M, up \$141M in H2FY24

1. Unaudited results and includes \$20M tax refund received in Q4 FY24

Our Growth





The pathway to 500koz per year with margin in the future

A business with scale and multiple organic growth options



Target 500koz

Duketon

- Ramp up and optimise current undergrounds
- Build sustainable capacity targeting at least 4 underground mines
- Continue to identify and test underground and open pit targets
- Rolling underground Reserve replacement
- Commenced development of Rosemont Stage 3 and Garden Well Main

200-250¹koz

Build sustainable capacity with 4 or more underground mines

Tropicana

- Complete Ramp up of Havana pit and reduce waste movement in FY25
- Commence access decline and deliver Feasibility Study for Havana
- Keep Growing U/G life with down plunge extension

135-150²koz

Build sustainable capacity with more underground extensions and new pits

Future optionality

McPhillamys

- Completion of DFS
- Final investment decision in late FY25
- 2 year construct and commission ready for first gold pour

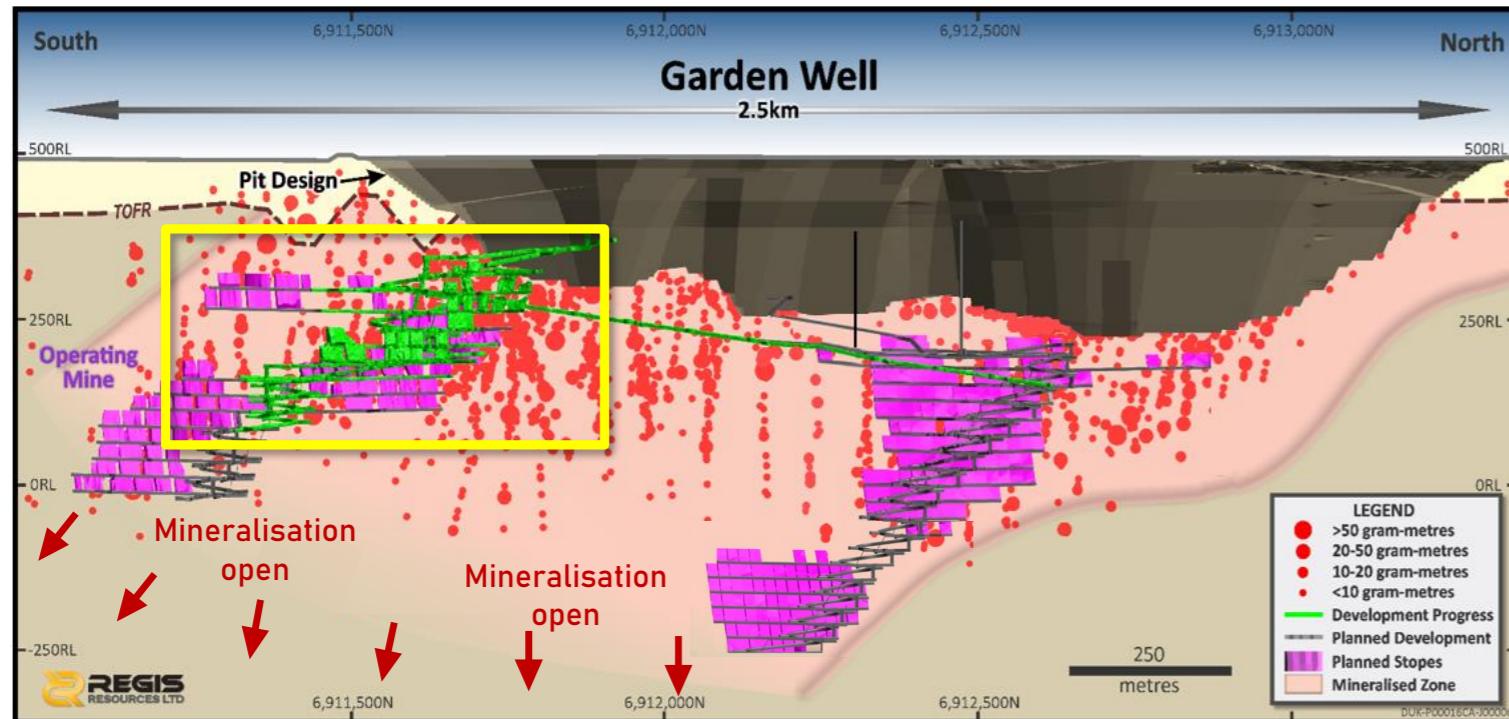
165-180koz

500koz pa – a key target behind our objectives

1. Assumes no new open pit discovery
 2. During open pit and underground phase

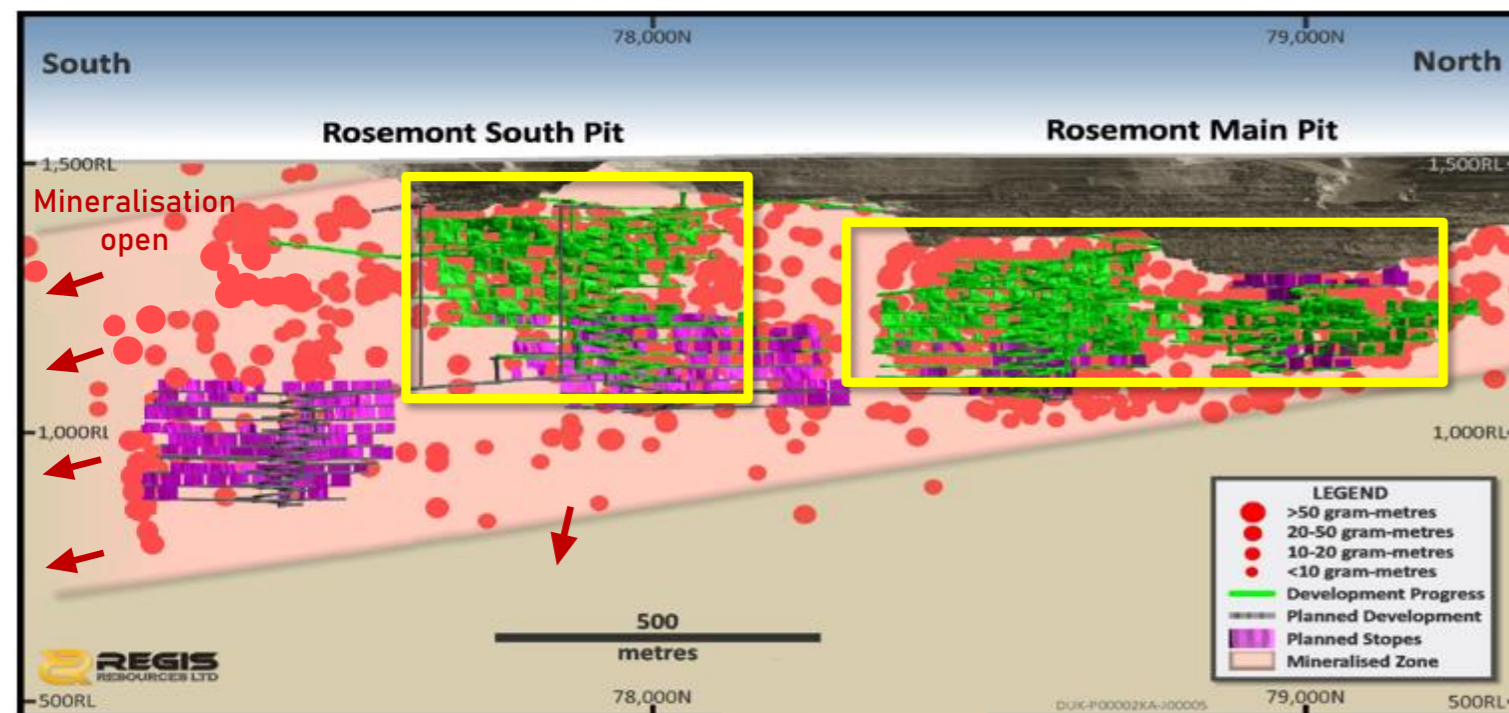
Garden Well South and Rosemont underground currently in production

In 2019 declared an initial Rosemont underground Reserve, and have been mining and growing our undergrounds since



FY23 Garden Well South and Rosemont underground mines (yellow boxes) produced ~77koz.

FY24 these mines produced ~110koz.

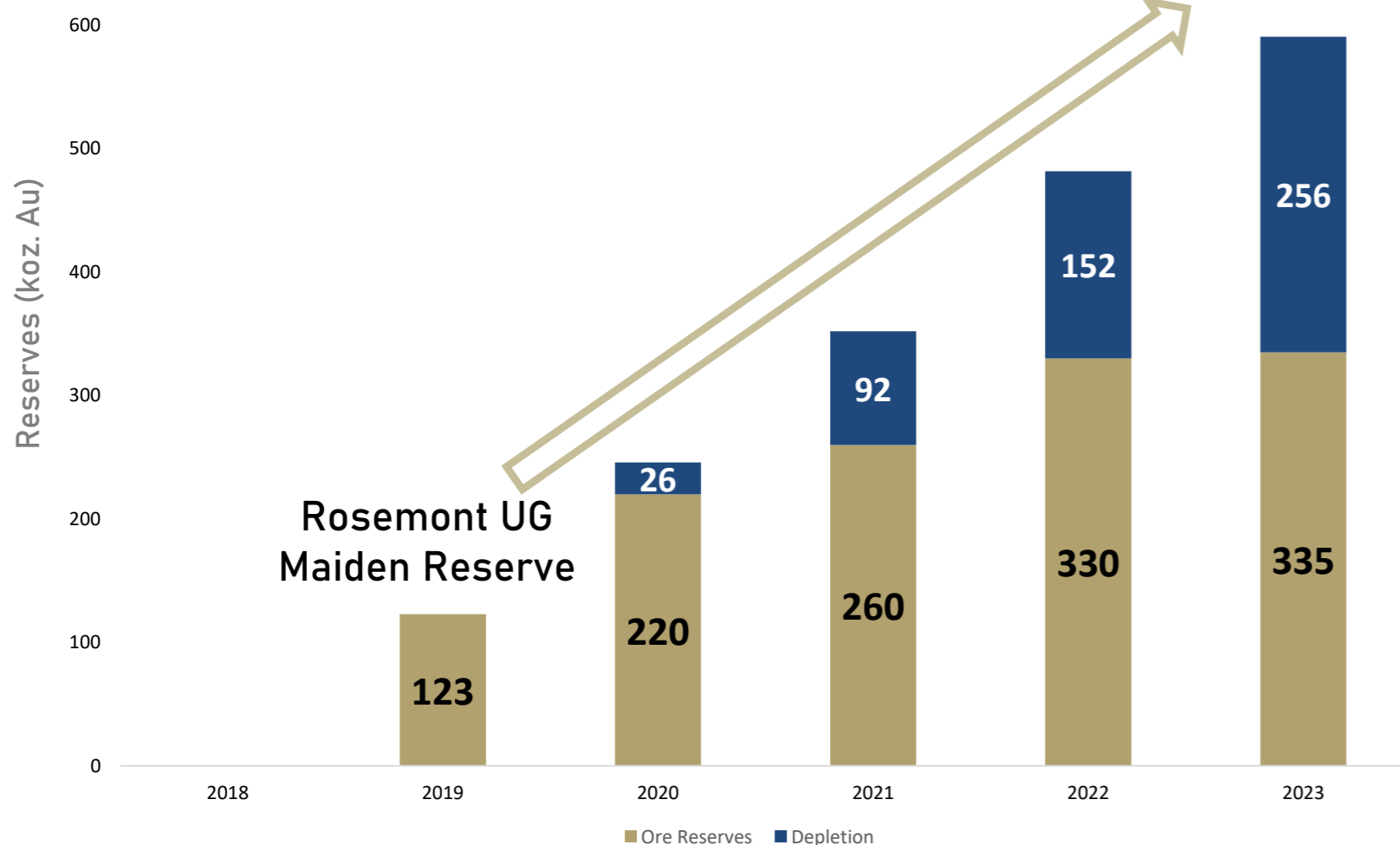


FY25 we expect these mines to produce +100koz.

Underground mines – More value beyond just the Reserves – Sustainability

Ore Reserves have grown consistently, with further growth expected

~380% increase in underground Ore Reserves¹ at Duketon including production of 256koz of gold between 2019 and 2022



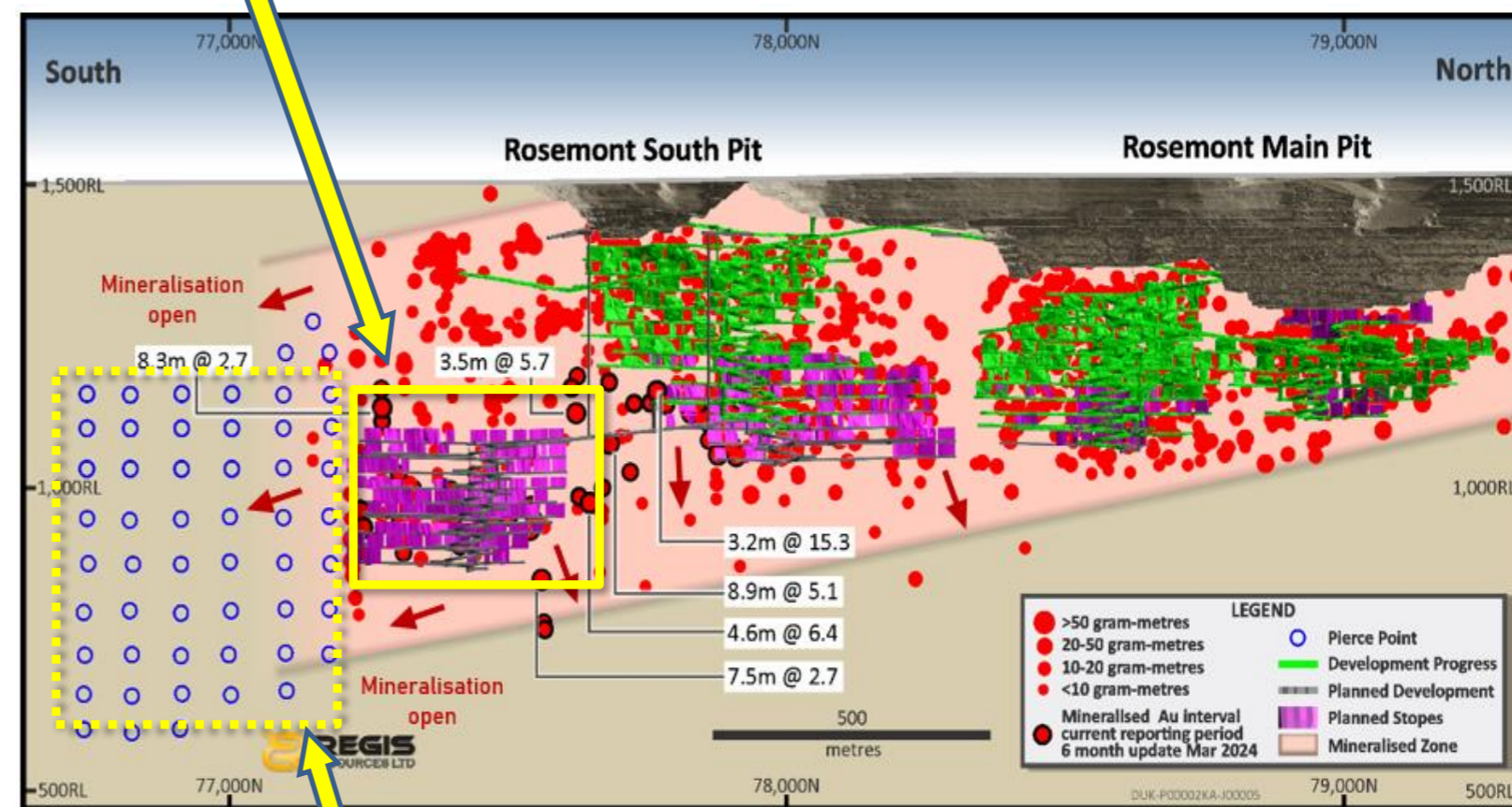
Stage 3 - a Major extension added at Rosemont.

Stage 3 Exploration Target

Tonnage: 0.6Mt to 0.8Mt

Grade: 2g/t to 3g/t

Contained gold: 0.4koz to 0.8koz

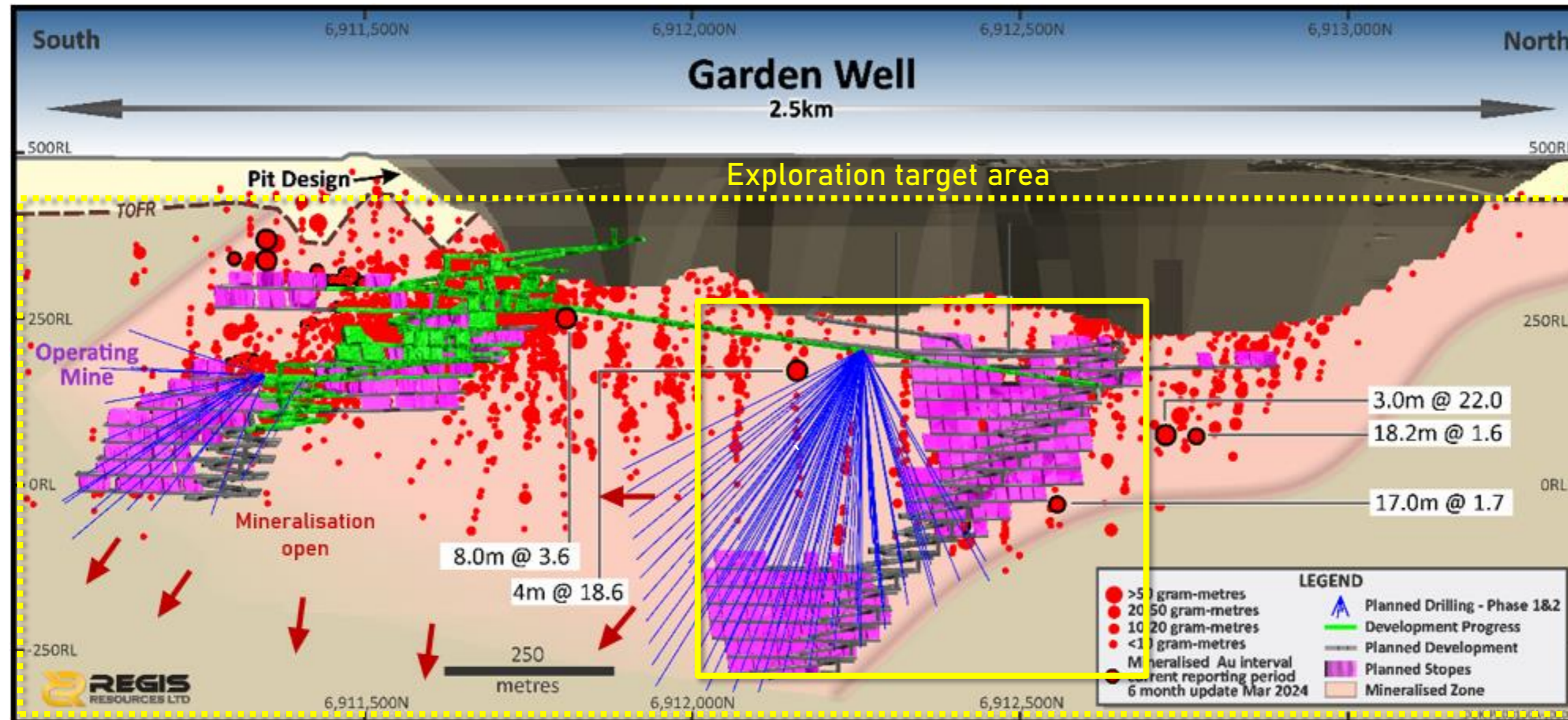


Stage 4: is the next focus area for mine life growth

1. Ore Reserves and depletion is based on calendar year. Please see www.regisresources.com and www.anglogoldashanti.com for further details on Ore Reserves.

The 3rd underground mine - Garden Well Main adds more value

Garden Well Main will contribute significant additional production towards our target



Production Target²: 60koz - 70koz pa

Mining Inventory: 295koz of gold³ from 31% Ore Reserves, 28% Inferred Mineral Resources and 41% Exploration Target

Exploration Target remains

Tonnage: 9Mt to 18Mt

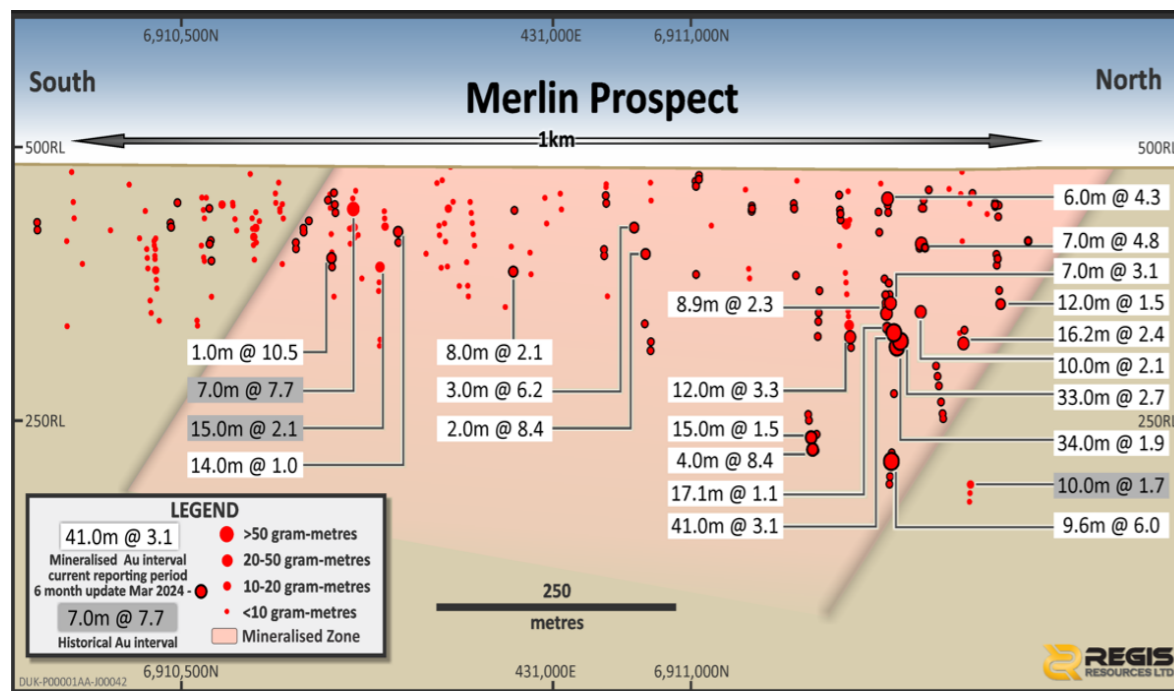
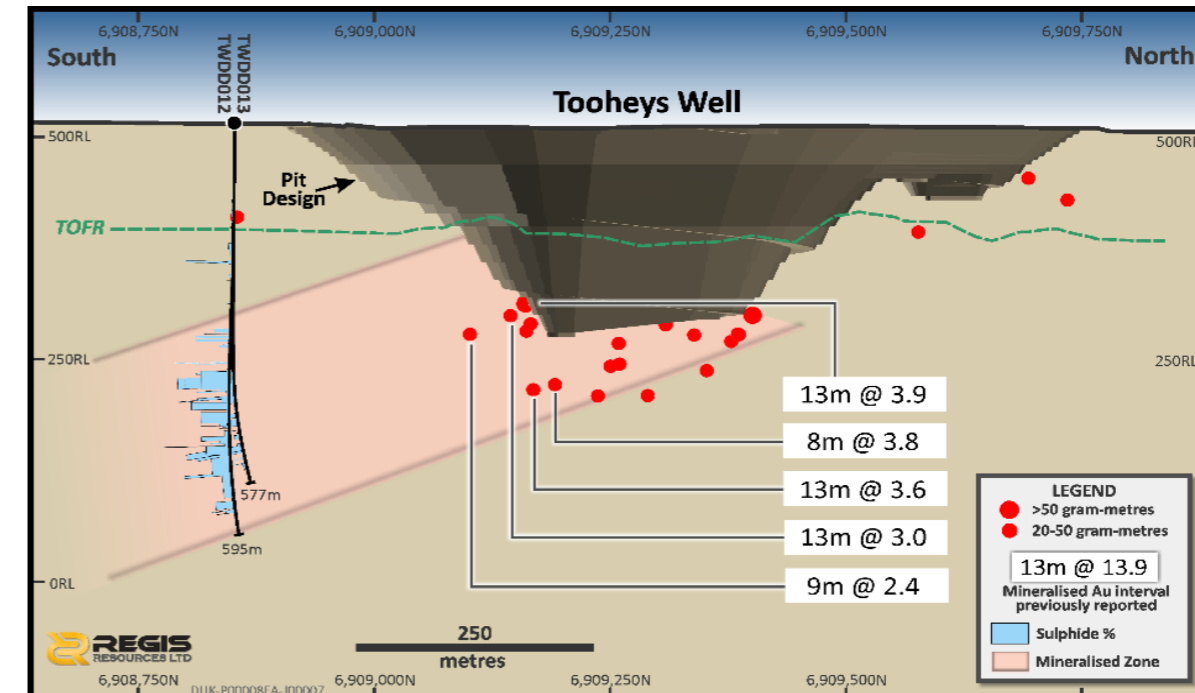
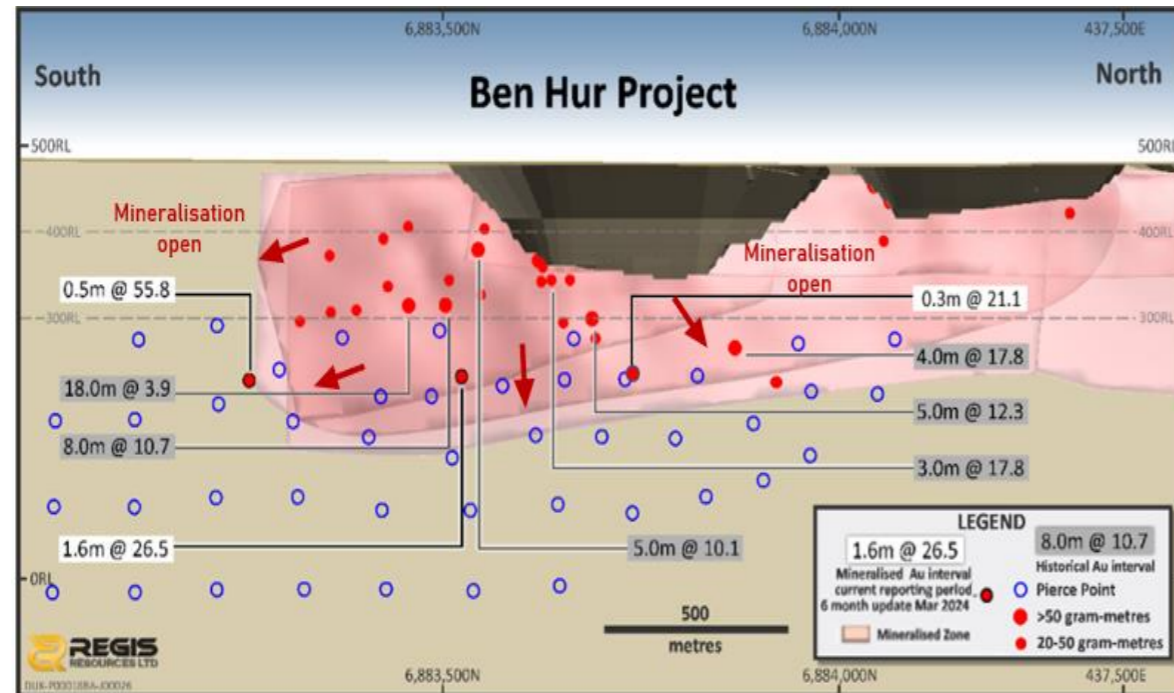
Grade: 2.3g/t to 2.9g/t

Contained gold: 0.8Moz to 1.3Moz

1. Assumes no new open pit discovery
2. Steady state annualised Production Target from FY27
3. In-situ gold

Searching for the 4th (and maybe 5th) additional underground production source

Other potential underground targets which could deliver similar annual gold production as Rosemont and Garden Well Main

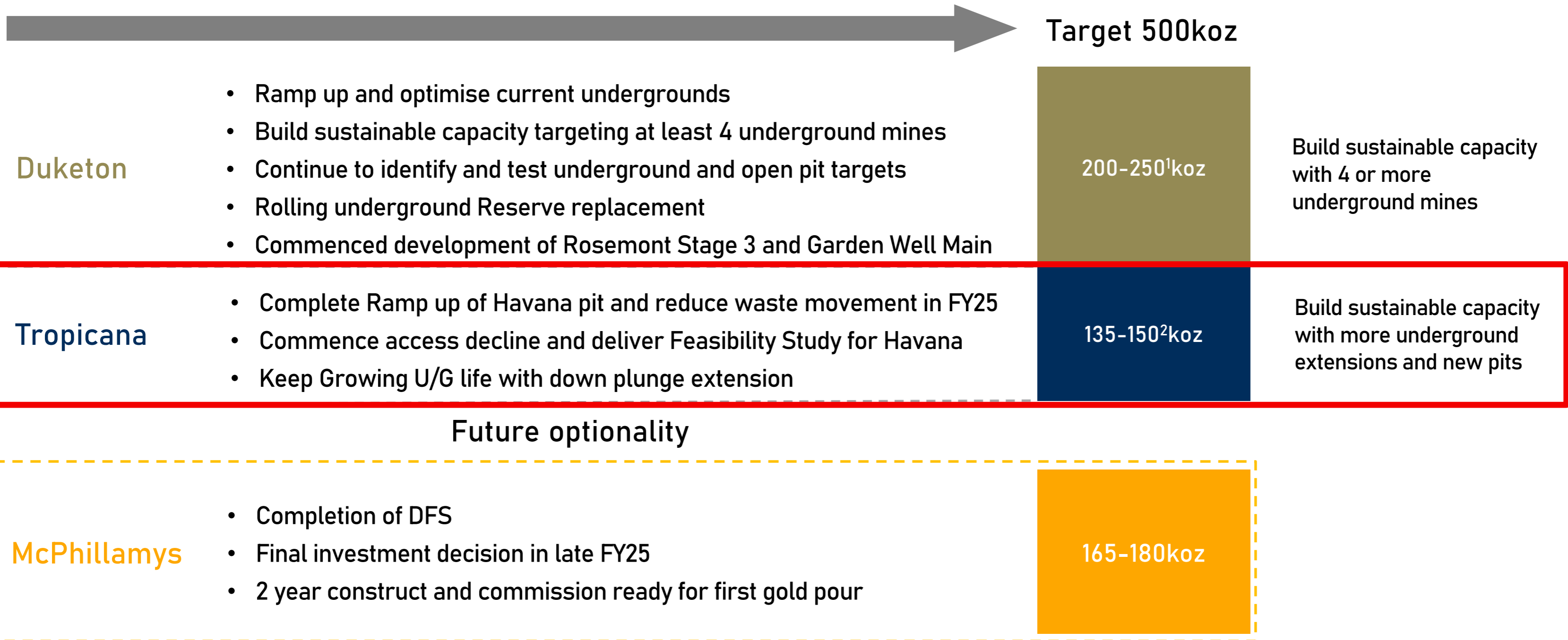


Good visibility on operating 4 to 5 underground mines at Duketon, producing 200koz – 250koz of gold in the future.



The pathway to 500koz per year with margin in the future

A business with scale and multiple organic growth options



Future optionality

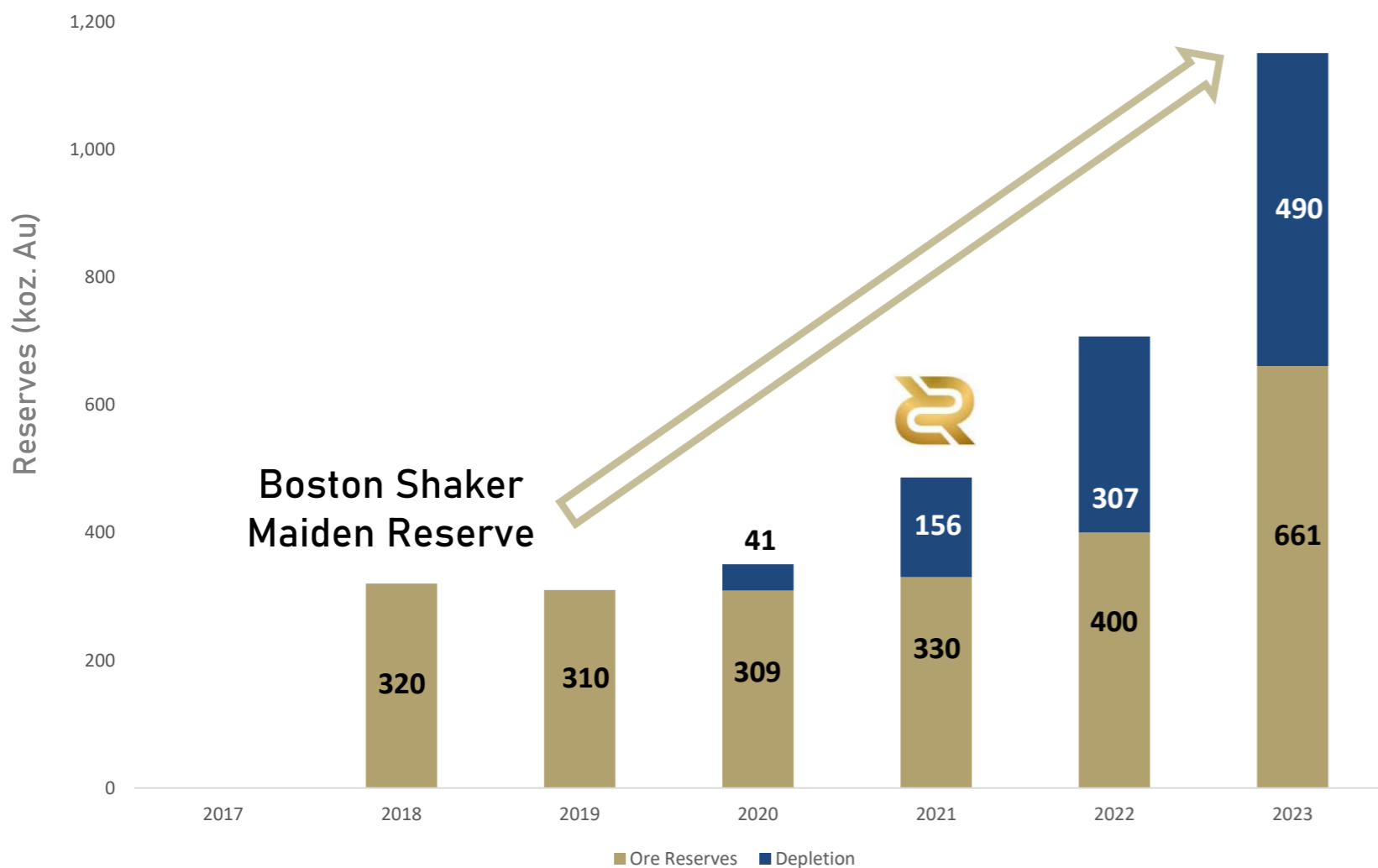
500koz pa – a key target behind our objectives

1. Assumes no new open pit discovery
 2. During open pit and underground phase

Underground mines – More value than just the Reserves

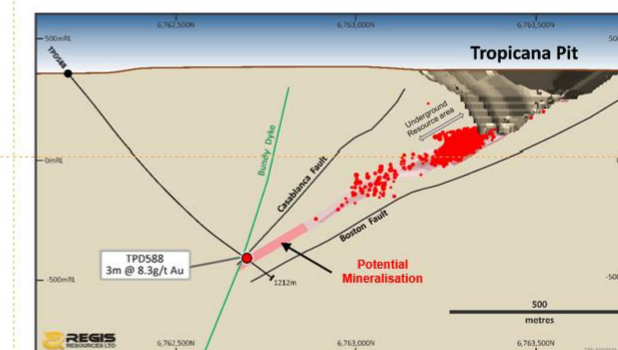
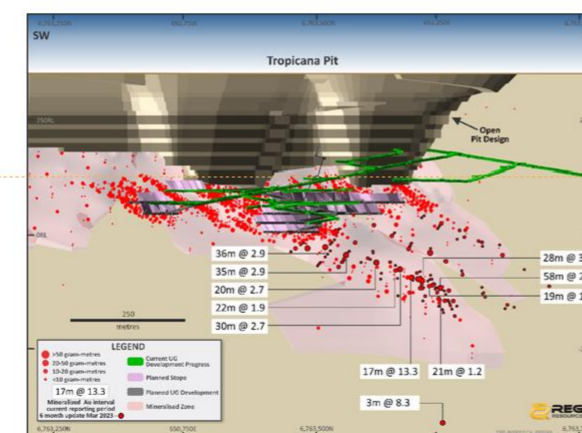
Ore Reserves have grown consistently, with further growth expected

270% increase in Tropicana underground Ore Reserves^{1,2} including production of 490koz of gold since 2021³



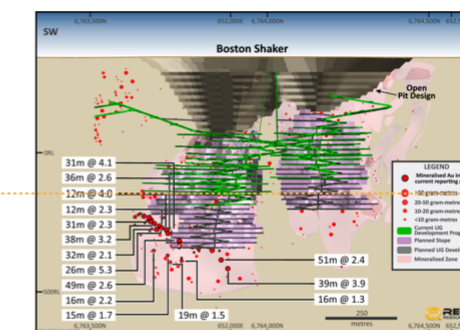
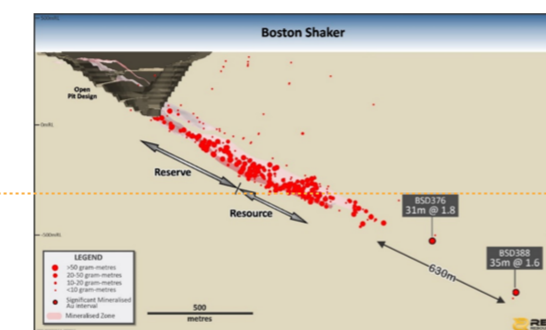
Tropicana – a genuine tier 1 asset

Long term mine life with no end in sight



Tropicana – a genuine tier 1 asset

Long term mine life with no end in sight



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

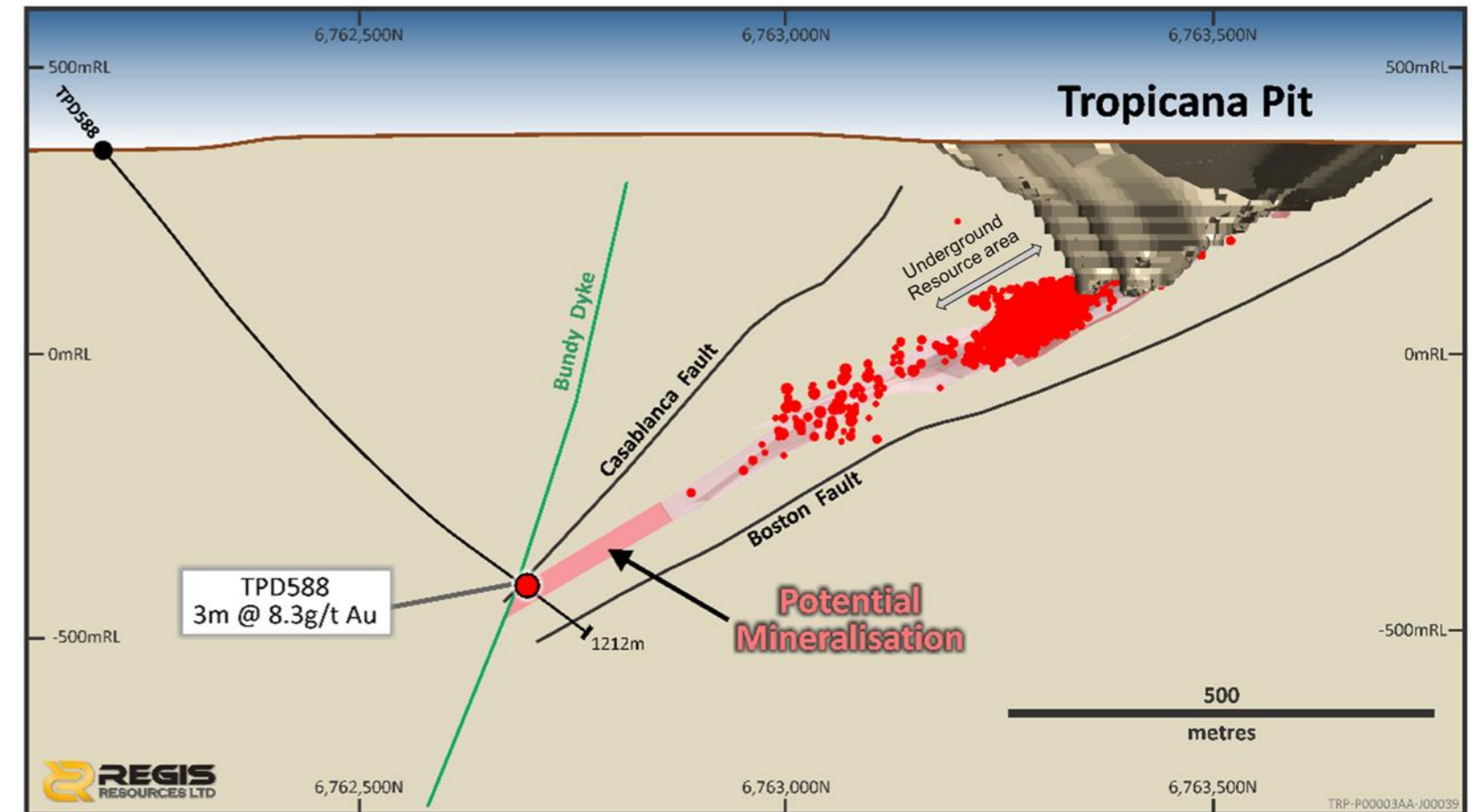
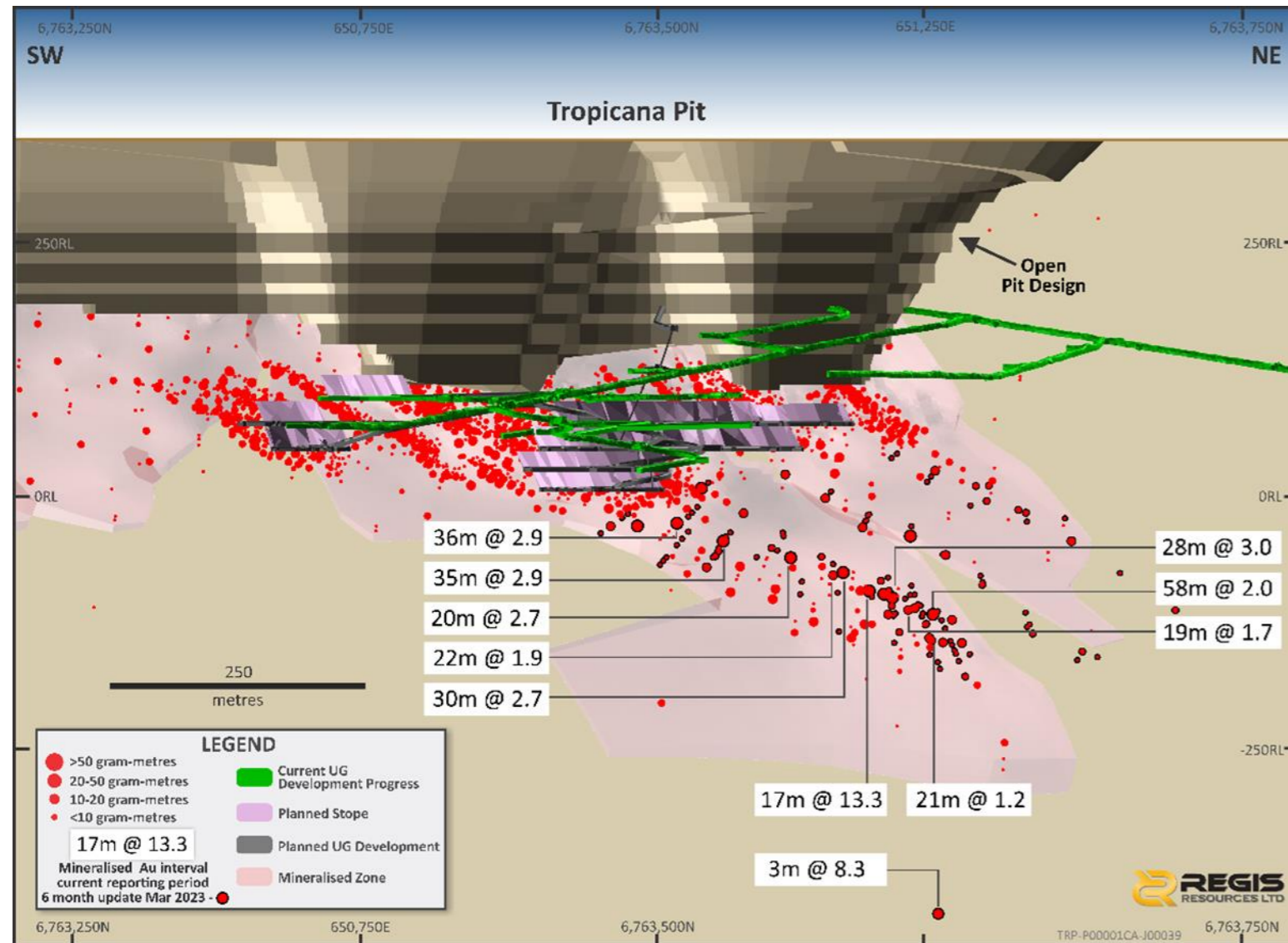
Mill throughput at 9-10Mtpa (25% UG, 75% OP)

Commenced exploration drive to evaluate additional underground ore sources

1. Ore Reserves and depletion is based on calendar year. Please see www.regisresources.com and www.anglogoldashanti.com for further details on Ore Reserves.
 2. On 100% basis for Ore Reserves
 3. Completion of acquisition of 30% of Tropicana on 31 May 2021

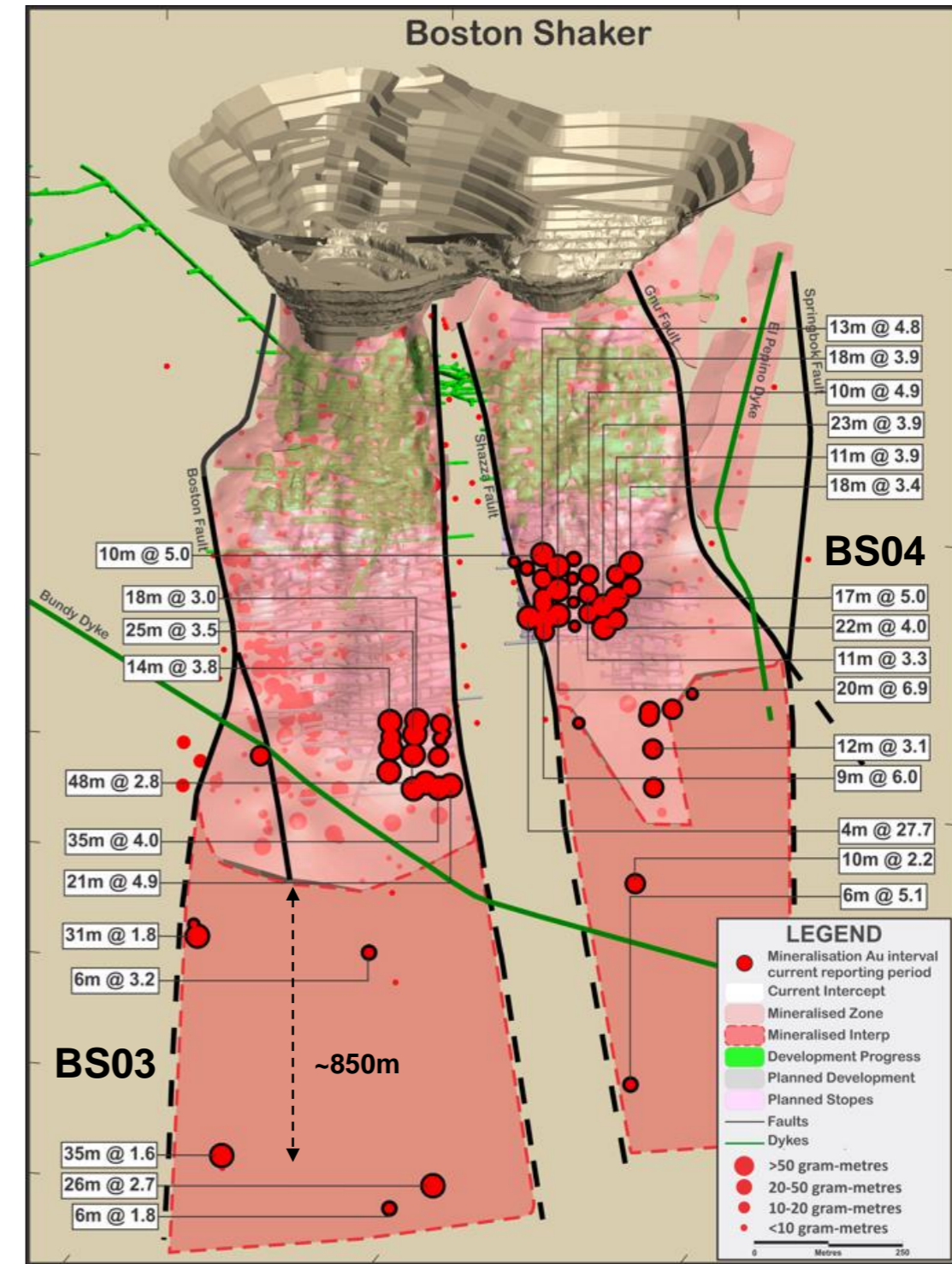
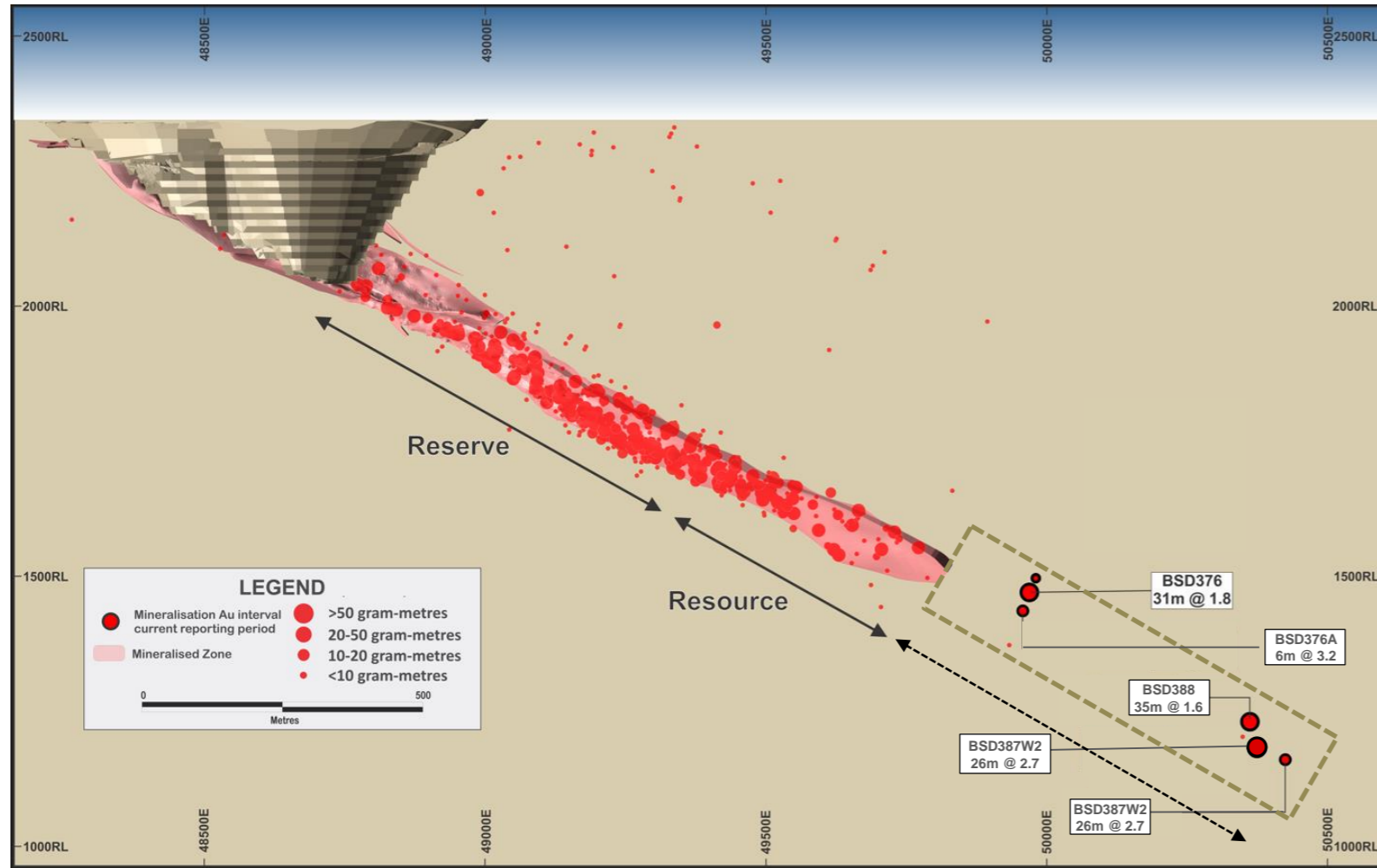
Tropicana – a genuine tier 1 asset

Long term mine life with no end in sight



Tropicana – a genuine tier 1 asset

Long term mine life with no end in sight



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

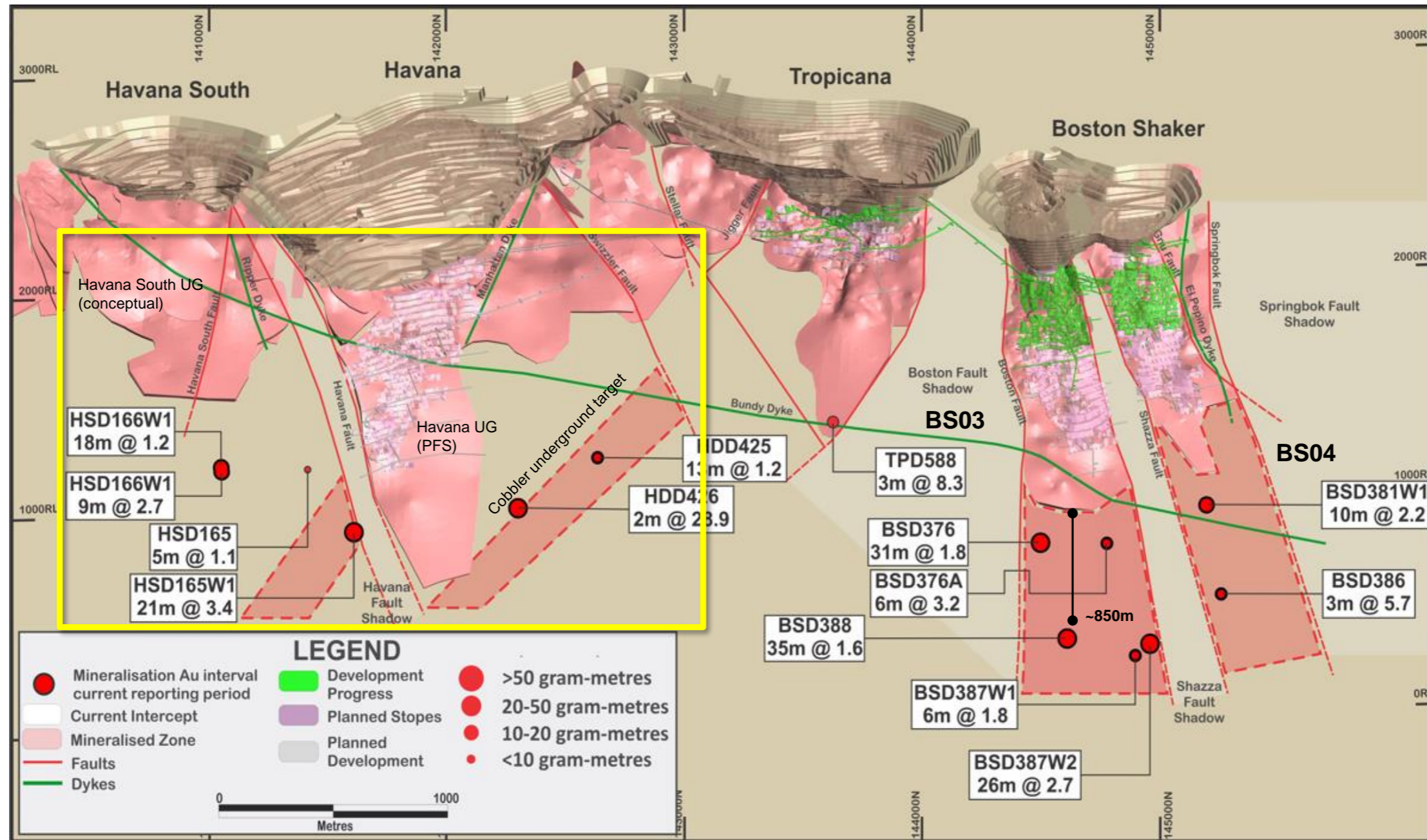
Mill throughput at 9-10Mtpa (25% UG, 75% OP)

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

Commenced Havana UG link drive to allow evaluation of additional underground ore sources

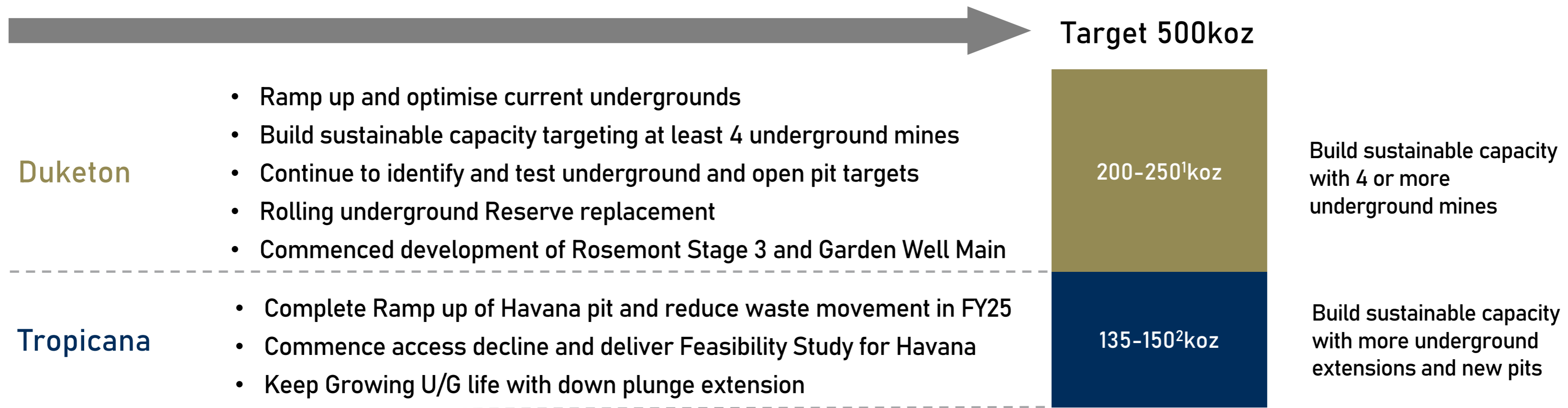
Tropicana also has new potential additional underground growth opportunities

Preliminary works on opening the Havana underground portal has commenced



The pathway to 500koz per year with margin in the future

A business with scale and multiple organic growth options



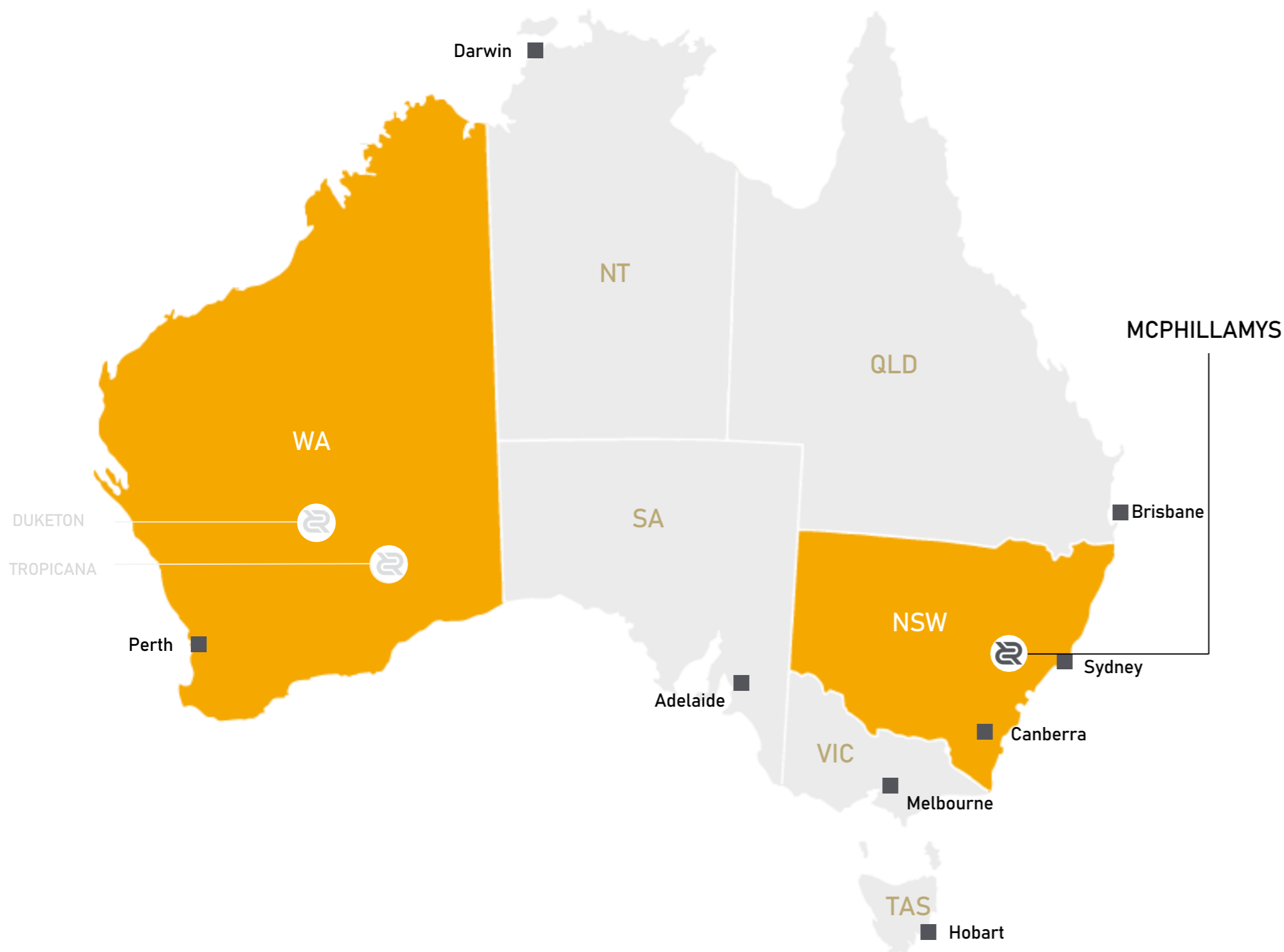
500koz pa – a key target behind our objectives

1. Assumes no new open pit discovery
 2. During open pit and underground phase



McPhillamys – An attractive growth project with significant optionality

A top-tier project located in a prolific gold mining region, offering growth optionality



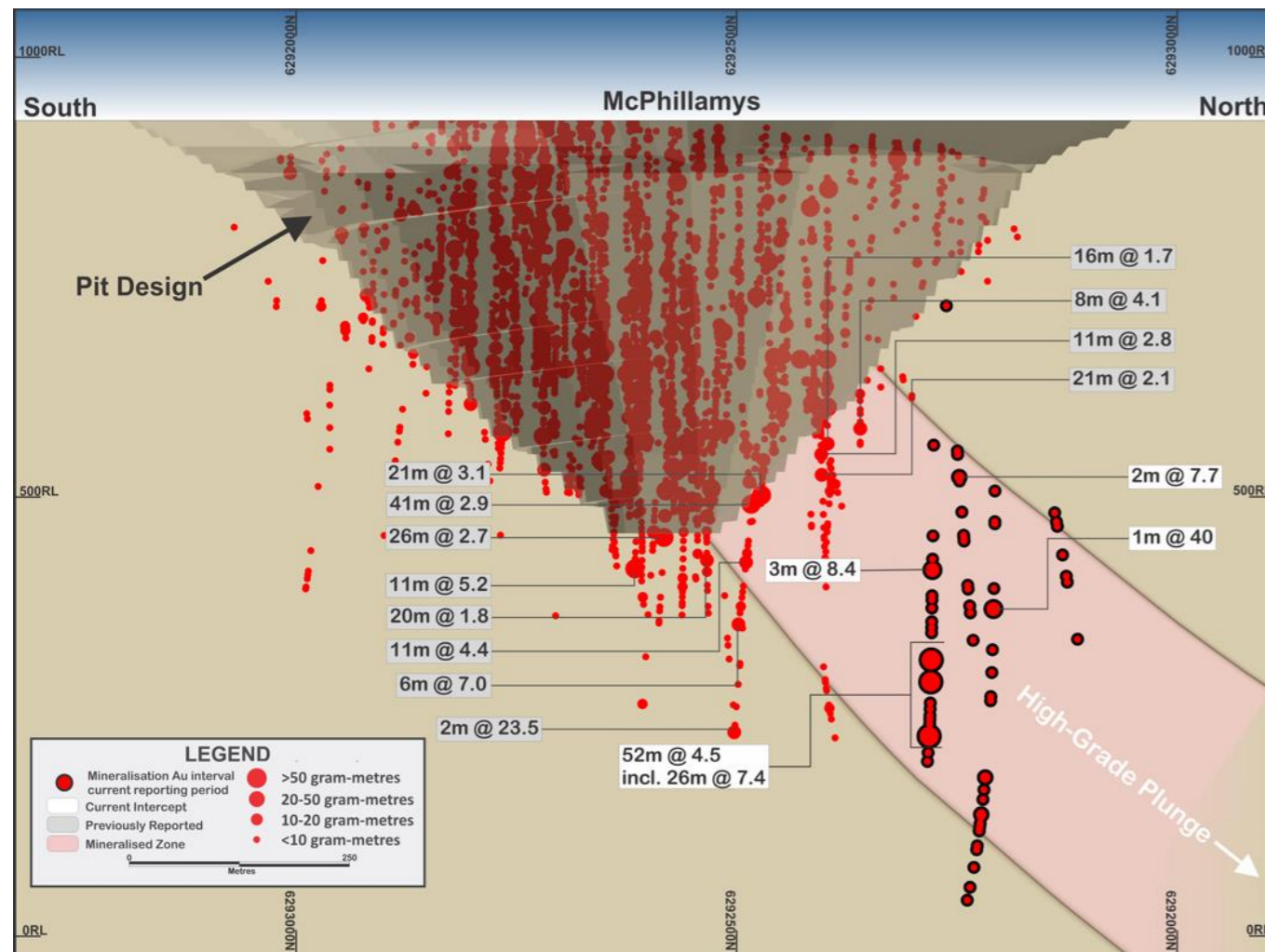
MCPHILLAMYS (100%)

- A long life open pit project with embedded optionality
- 7Mt process plant for ~200koz pa indicative production¹
- AISC \$/oz. : ~\$1,600 to ~\$1,800¹
- Total construction costs: \$845m - \$900m¹
- Pre-production costs: \$115m - \$155m¹
- Total Reserves: 61Mt at 1.0g/t for ~2Moz
- Total NSW Resources: 80Mt at 1.0g/t for ~2.7Moz
- Current LOM: 10+ years

¹. See ASX release 2 April 2024 titled “McPhillamys Gold Project Definitive Feasibility Study Update”

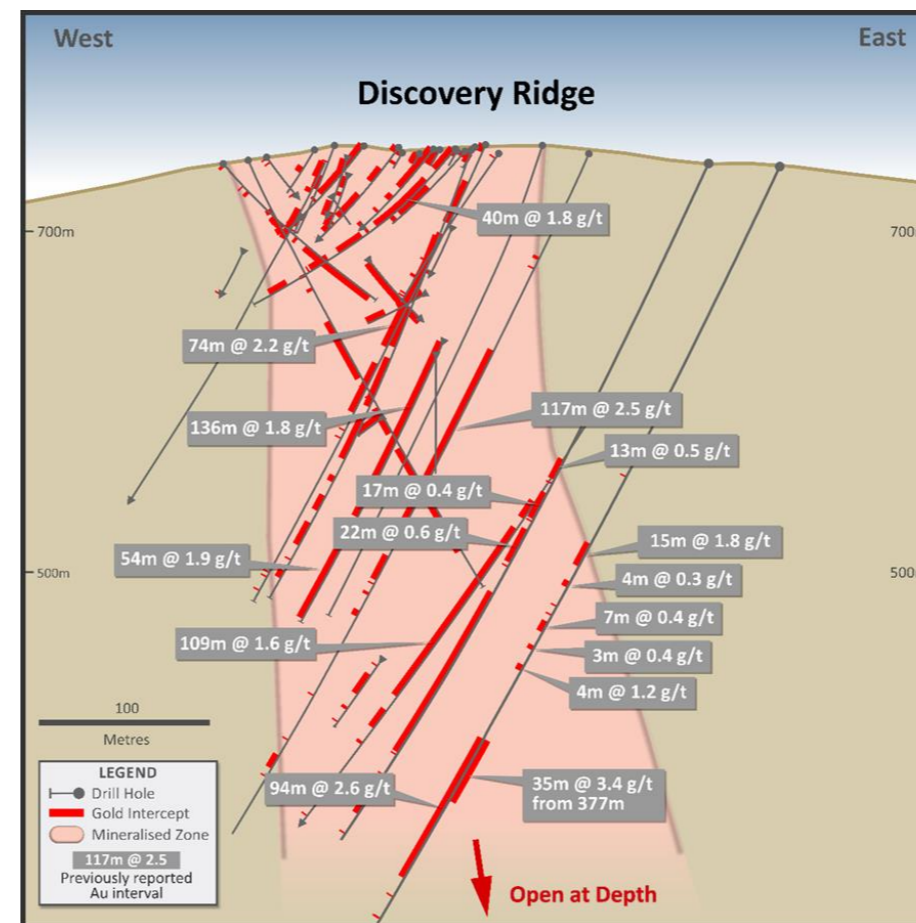
McPhillamys could continue at depth and via satellite deposits

Discovery Ridge and Kings Plains offer further growth

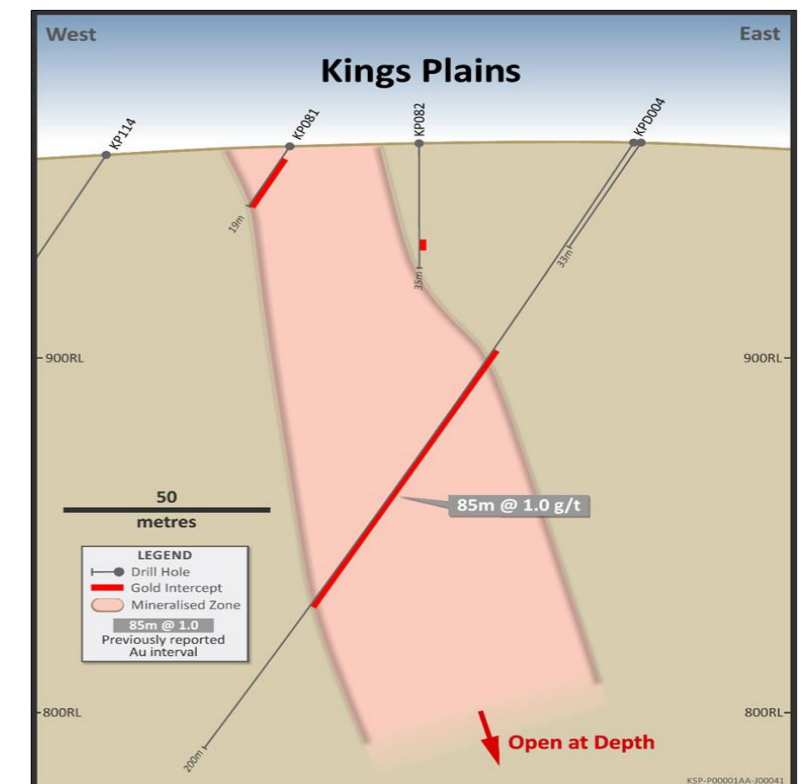


McPhillamys
61Mt at 1.0g/t for 2.0Moz Au

- Recent down plunge intersection of
 - 3m @ 8.4g/t from 530m
 - 52m @ 4.5g/t from 629m including
 - 26m @ 7.4g/t from 630m.

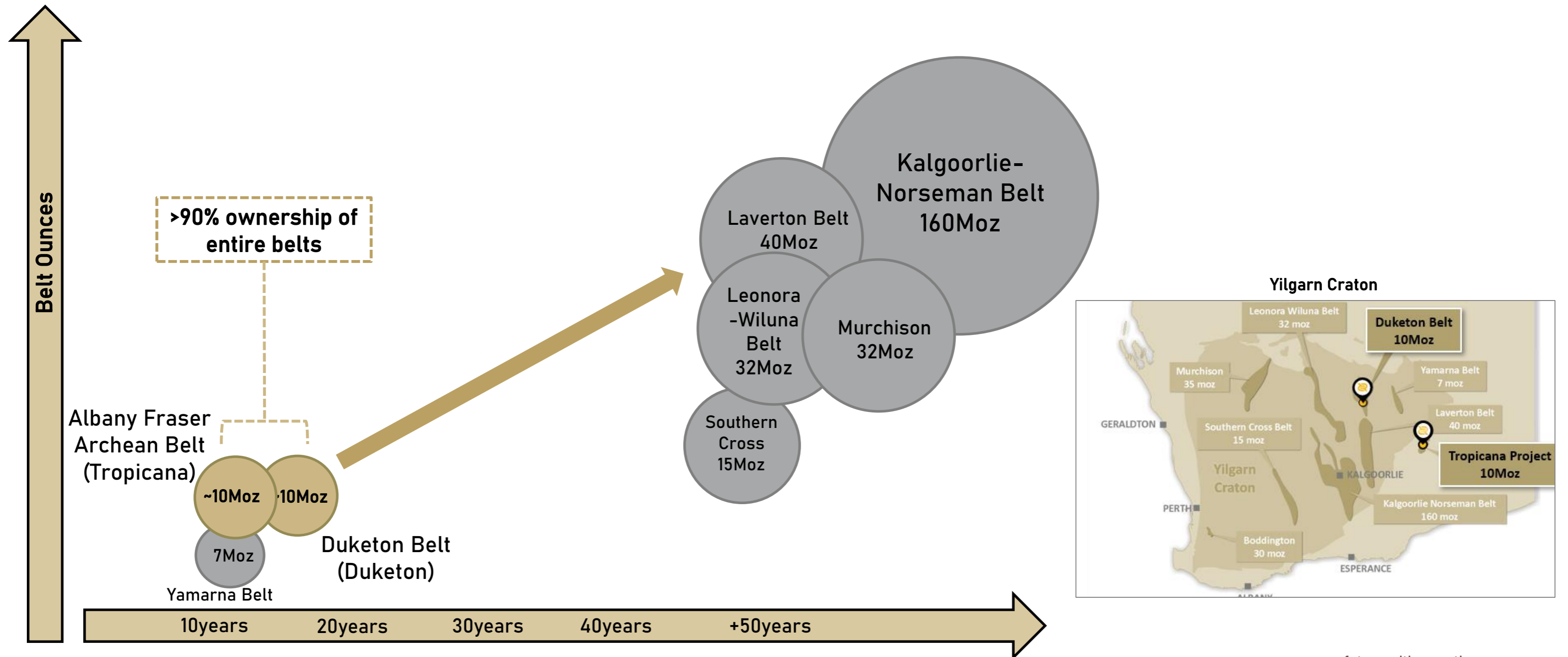


Discovery Ridge
400koz in Resource



Kings Plains
85m @ 1.0g/t Au

On Greenstone belts, the longer you explore, the more you find





Regis - A golden opportunity that generates cash and delivers value growth

Unhedged and Generating Cash

- ✓ Produced 418koz of gold despite significant rain impacts across the WA region
- ✓ Q4 FY24 delivered a record cash and bullion balance of \$295M¹, up a record \$109M QoQ

Continued delivery into a robust strategy with a track record of value accretive growth

- ✓ A pipeline of additional near-term, low-capital intensity, organic underground growth targets
- ✓ McPhillamys with longer-dated optionality in a prolific mining region
- ✓ A dominant position in a highly prospective, under-explored gold belt

100% Australian assets with scale and leverage to the gold price



Further information
Investor Relations

+ 61 8 9442 2200

Reserve Table

Group Ore Reserves as at 31 December 2023 (Regis attributable)

Project ¹	Equity	Type	Cut-Off (g/t) ²	Proved			Probable			Total Ore Reserve			Competent Person ³
				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)	
Duketon North	100%	Open-Pit	0.5	-	-	-	0.44	1.1	20	0.4	1.1	15	B
Duketon North	100%	Stockpiles	0.2	1	0.5	16	-	-	-	1	0.5	16	B
Duketon North	100%	Sub Total	-	1	0.5	16	0.44	1.1	15	1.5	0.7	31	
Duketon South	100% ⁴	Open-Pit	0.6	0.3	1.2	12	6	1.1	257	6	1.1	269	B
Duketon South	100%	Underground	2.2	-	-	-	4	2.5	335	4	2.5	335	C
Duketon South	100%	Stockpiles	0.4	7.9	0.7	164	-	-	-	8	0.7	164	B
Duketon South	100%	Sub Total	-	8.2	0.7	176	10	1.8	592	18	1.3	768	
Duketon Total	100%	Total	-	9	1.2	191	10	1.3	607	20	1.3	798	
Tropicana	30%	Open-Pit	0.6	0.5	1.5	20	7	1.6	350	7	1.6	370	F
Tropicana	30%	Underground	2.7	1	3.2	100	1	3.3	100	2	3.2	200	G
Tropicana	30%	Stockpiles	0.7	5	0.7	110	-	-	-	5	0.7	110	F
Tropicana Total⁵	30%	Total	-	6	1.1	230	8	1.8	450	14	1.5	670	
McPhillamys	100%	Open-Pit	0.4	-	-	-	61	1.0	2,020	61	1.0	2,020	-
McPhillamys Total⁶	100%	Total	0.4	-	-	-	61	1.0	2,020	61	1.0	2,020	D
Regis Total		Grand Total	-	16	0.9	431	79	1.2	3,077	94	1.2	3,510	-

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 separately for open pits, underground and stockpiles.

2. Cut-off grades vary according to oxidation and lithology domains. Listed cut-offs are the weighted average of these various cut-off grades for that project classification.

3. Refer to Group Competent Person Notes.

4. Regis owns 70% of the King John project - part of the DSO operations. Only 70% of Regis share has been included in the above table.

5. Tropicana reported Reserves and Resources in ASX Release "Mineral Resource and Ore Reserve Update at Tropicana" dated 26 February 2024, reported as nearest 1,000,000 tonnes, 0.1 g/t gold grade and 1,000,000, ounces.

6. McPhillamys Ore Reserve reported as at 31st Dec 2022. This will be updated with the release of the Definitive Feasibility Study.

Resource Table

Group Mineral Resources as at 31 December 2023 (Regis attributable, inclusive of Ore Reserves)

Project ¹	Equity	Type	Cut-Off (g/t)	Measured			Indicated			Inferred			Total Resource			Competent Person 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)	Tonnes (Mt)	Gold Grade (g/t)	Gold Metal (koz)	
Duketon North ³	100%	Open-Pit	0.4	-	-	-	9	1.1	290	5	1.0	180	14	1.0	470	A
Duketon North	100%	Stockpiles	-	2	0.4	30	-	-	-	-	-	-	2	0.4	30	A
Duketon North	100%	Sub Total		2	0.5	30	9	1.1	290	5	1.0	180	16	1.0	500	
Duketon South ^{4/5}	100% ⁷	Open-Pit	0.4	-	-	-	18	1.3	750	5	1.1	180	23	1.2	940	A
Duketon South ^{6/7}	100%	Underground	1.8	1	3.1	130	5	2.5	390	4	2.8	320	10	2.7	840	A
Duketon South	100%	Stockpiles	-	10	0.6	200	-	-	-	-	-	-	10	0.6	200	A
Duketon South	100%	Sub Total		12	0.9	330	23	1.5	1,140	9	1.8	500	43	1.4	1,980	
Duketon Deposits	100%⁷	Total		14	0.8	360	32	1.4	1,430	14	1.5	680	59	1.3	2,480	
Tropicana ⁸	30%	Open-Pit	0.3/0.4	1	1.1	30	7	1.6	370	-	0.6	-	8	1.5	400	G
Tropicana ⁸	30%	Underground	1.6	3	2.8	300	4	2.9	340	8	2.4	610	15	2.6	1,260	G
Tropicana ⁸	30%	Stockpiles	-	7	0.6	140	-	-	-	-	-	-	7	0.6	140	G
Tropicana	30%	Total		11	1.3	470	11	2.0	710	8	2.4	610	30	1.9	1,800	
McPhillamys	100%	Open-Pit	0.4	-	-	-	69	1.0	2,280	1	0.6	10	70	1.0	2,290	A
Discovery Ridge	100%	Open-Pit	0.4	-	-	-	2	1.8	140	6	1.4	260	8	1.5	400	A
NSW Deposits	100%	Total		-	-	-	64	1.1	2,420	7	1.3	270	78	1.1	2,690	
Regis Total		Total		25	1.0	820	114	1.2	4,570	28	1.7	1,570	168	1.3	6,960	

Notes

Data has been rounded to the nearest 1,000,000 tonnes, 0.1 g/t gold grade and 10,000 ounces. Summation errors may occur due to rounding. Mineral Resources are reported inclusive of Ore Reserves to JORC Code 2012 unless otherwise noted.

1. Mineral Resources and Ore Reserves are reported inclusive of Ore Stockpiles.

2. Refer to Group Competent Person Notes.

3. Open Pit Mineral Resources are Moolart Well, Gloster, Dogbolter-Coopers, Petra, Ventnor and Terminator.

4. Open Pit Mineral Resources are Garden Well, Rosemont Open Pit, Toohey's Well, Baneygo, Erlistoun, Beamish, Reichelt's Find, Russell's Find, King John, King of Creation, Queen Margaret, Victory, and Lancefield North.

5. King John reported at 70% ownership.

6. Underground Duketon South Mineral Resources are Rosemont Underground, Garden Well Underground, Toohey's Well, and Ben Hur. Rosemont Underground, Garden Well Underground reported within MSO shells at an economic cut-off of 1.8g/t, Toohey's Well, and Ben Hur reported within MSO shells at an economic cut-off of 1.5g/t.

7. Updated Garden Well Underground and Rosemont Underground Resources previously reported in ASX release "Development Approval for Two Underground Mines and Underground Reserves Increase" dated 6 May 2024.

8. Regis holds 30% ownership in Tropicana. Tropicana reported Reserves and Resources in ASX Release "Mineral Resource and Ore Reserve Update at Tropicana" dated 26 February 2024.