

22 November 2021

Manager Announcements
Company Announcements Office
Australian Securities Exchange Limited
152-158 St Georges Terrace
Perth WA 6000

REGIS RESOURCES LTD – BIENNIAL EXPLORATION RESULTS CONFERENCE CALL AND PRESENTATION

Regis Resources Limited (**ASX:RRL**) announces its Biennial Exploration Results Presentation and advises that it will be hosting an investor update conference call and presentation with institutional investors and analysts at **11am AEDT on Monday 22 November 2021**.

To listen to this call, please go to the following link:

<https://webcast.openbriefing.com/8181/>

Yours sincerely
Regis Resources Limited



Elena Macrides
Company Secretary



GROWTH THROUGH EXPLORATION

Jim Beyer – Managing Director & CEO

Wade Evans – GM Growth

22 NOVEMBER 2021

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.

The information in this presentation that relates to production targets and associated forecast financial information is extracted from the ASX announcement released 26 Oct 2021 entitled "Quarterly Report to 30 Sept 2021". Exploration Results are extracted from the Exploration Update April to September 2021 released to the ASX on 22 November 2021.

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.

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




A FUTURE OF GROWTH

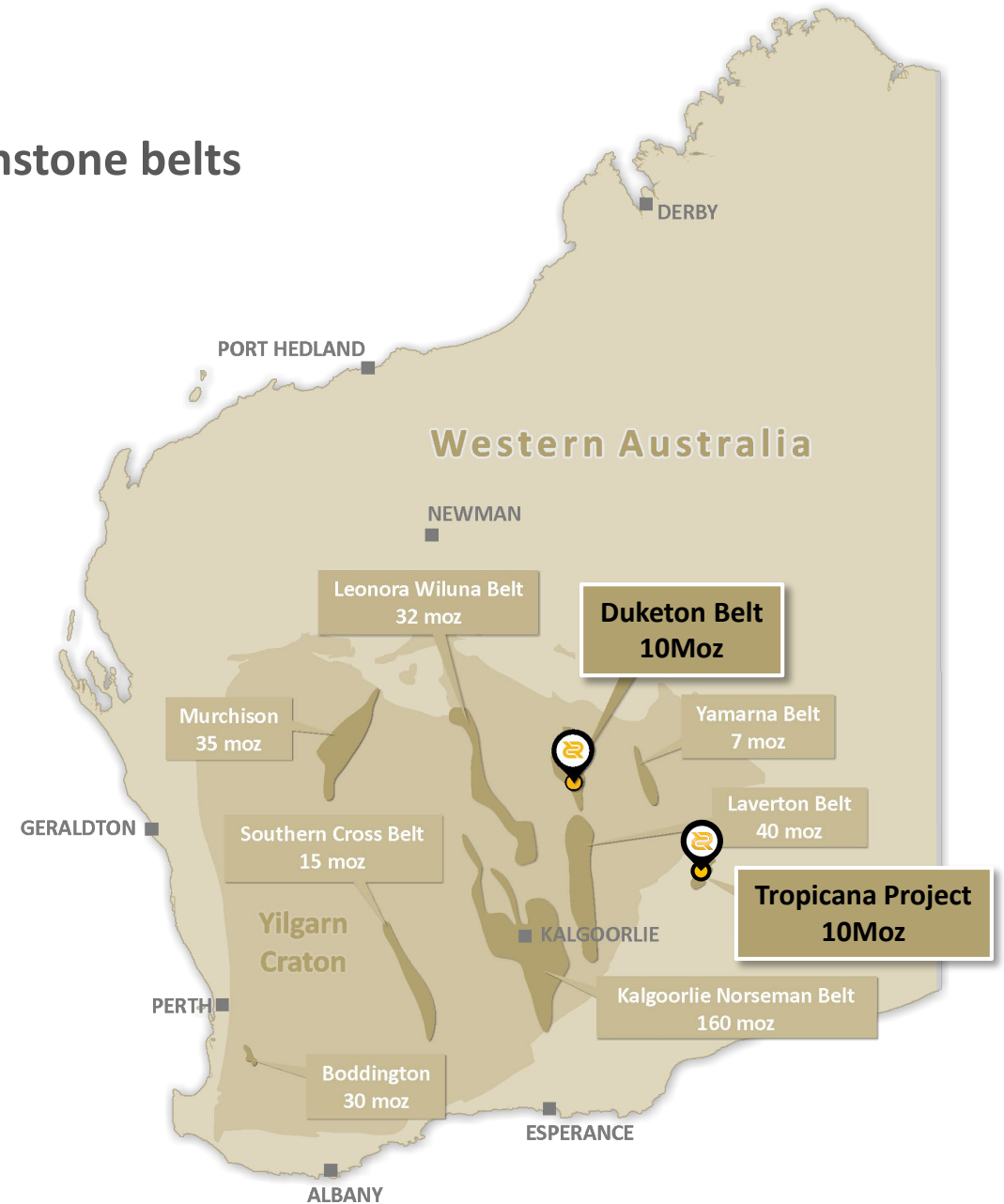
Dominant positions in two highly prospective greenstone belts

Position of Strength

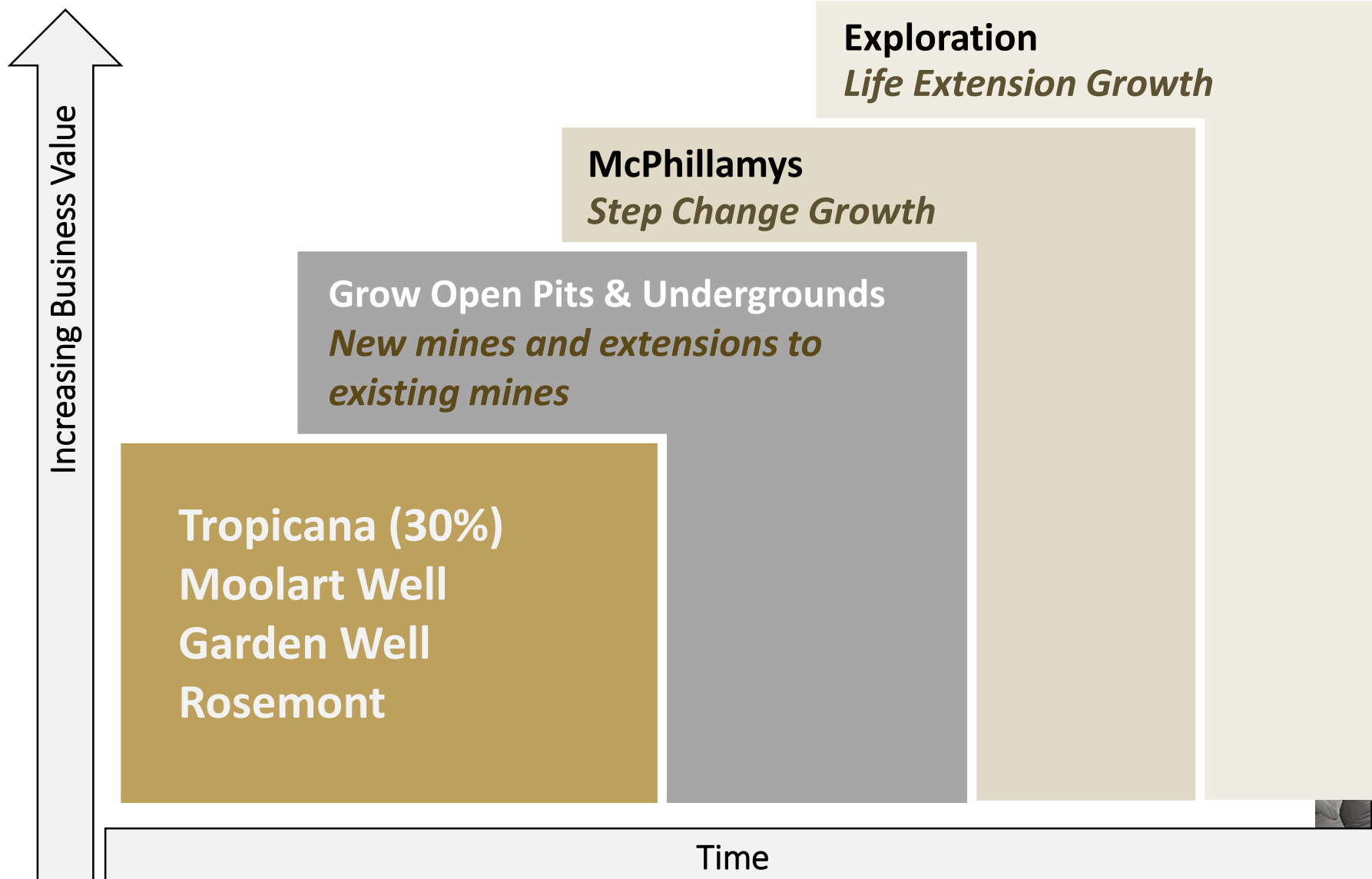
-  Favourable mining jurisdiction of Western Australia
-  Large **under-explored** greenstone belts
-  Long-term **operational optionality** with 3 mills at Duketon and **belt dominance** at Tropicana with the only gold mill within 100's of kilometres

Exploration Strategy

-  Grow existing mineral resources to **extend mine life** from both open pits and underground
-  Grow mines into **multi-million ounce** systems
-  Discovering new **+1 million ounce** deposits



KEY ELEMENTS OF VALUE GROWTH




DUKETON EXPLORATION

Five Key Project Updates

Duketon North Operation (DNO) Projects

 Buckingham-Wallace (Moolart Well)

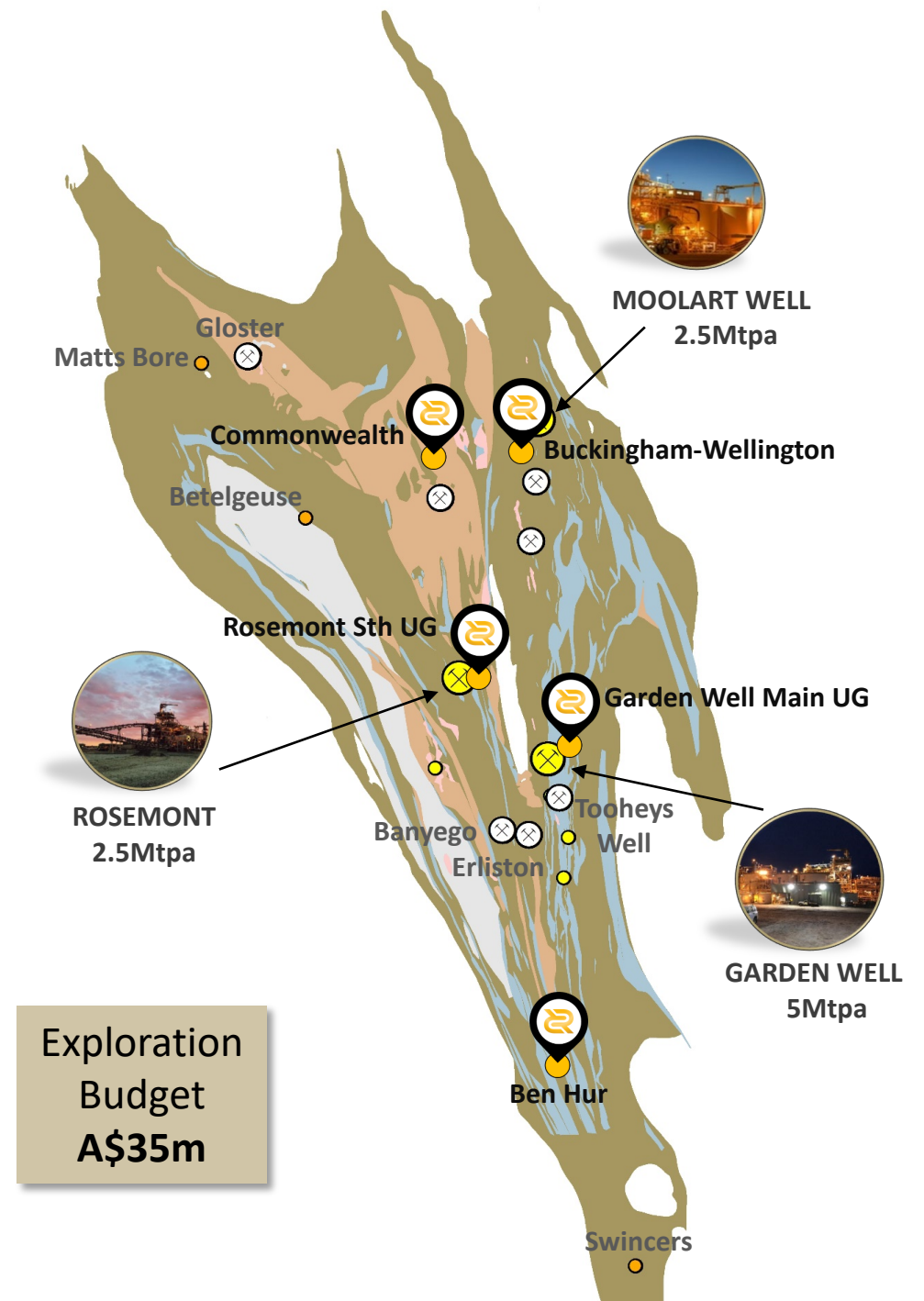
 Commonwealth

Duketon South Operation (DSO) Projects

 Garden Well Main Underground

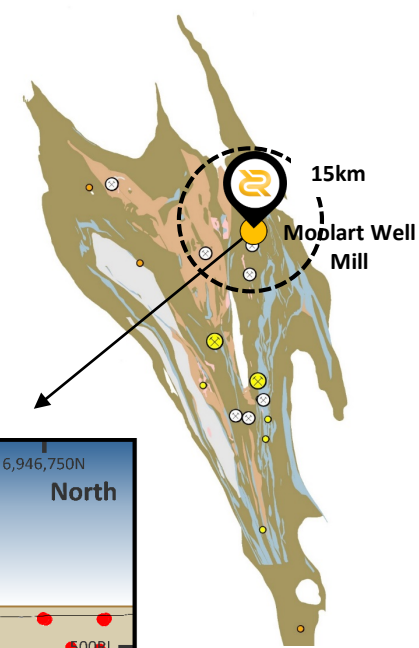
 Rosemont South Underground

 Ben Hur



DUKETON NORTH OPERATIONS

Significant advances at two key projects around DNO



Buckingham-Wellington (Moolart Well)

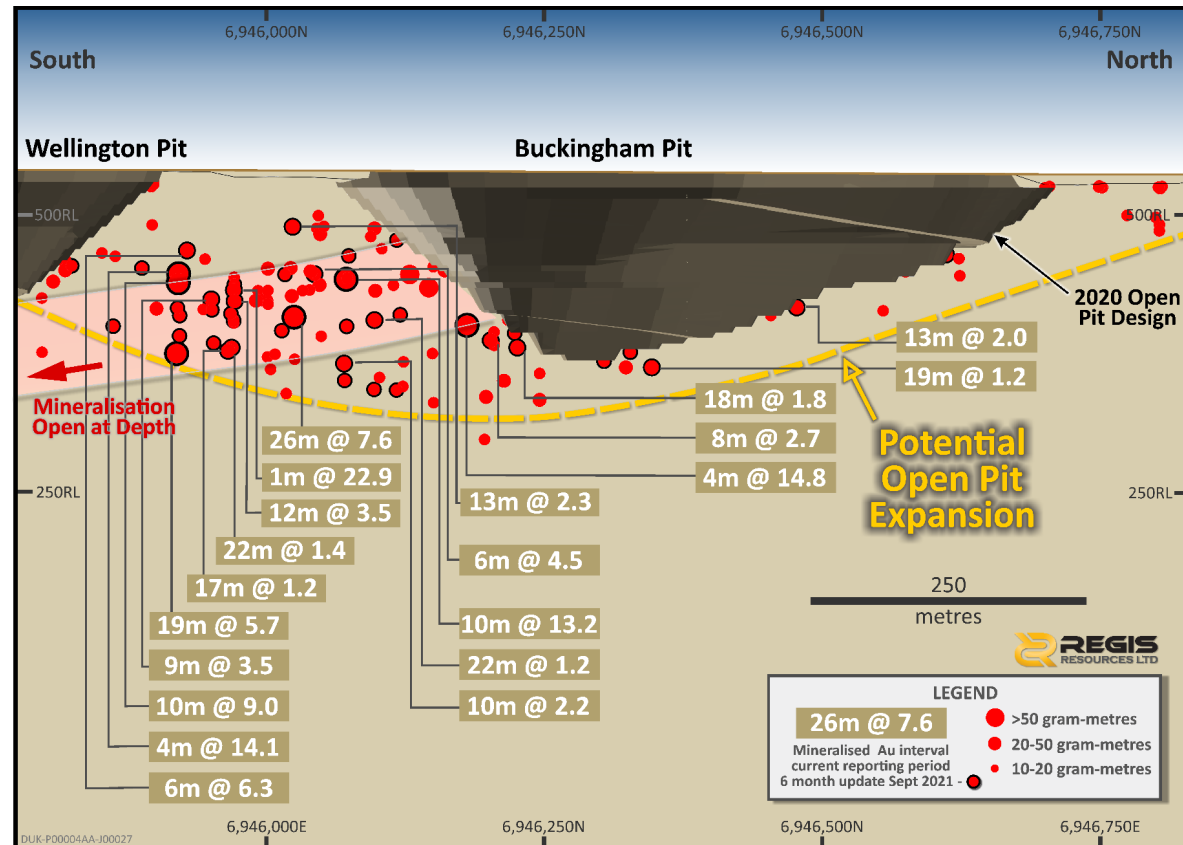
Most significant fresh-rock mineralisation ever from Moolart reflecting limited historic work

High-grade intersections suggest excellent potential to define high-grade shoots beneath the extensive oxide mineralisation

Better results include:

- 10m @ 13.2 g/t gold from 107 m
- 26m @ 7.6 g/t gold from 128 m
- 19m @ 5.7g/t gold from 183 m (fresh rock)

Follow-up drilling has been planned to test the extensions



DUKETON NORTH OPERATIONS

Significant advances at two key projects around DNO

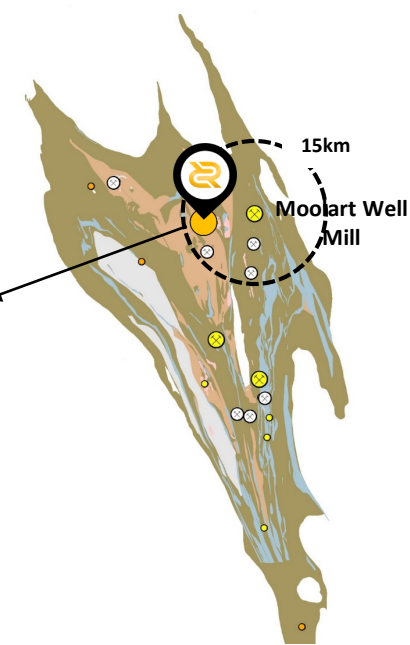
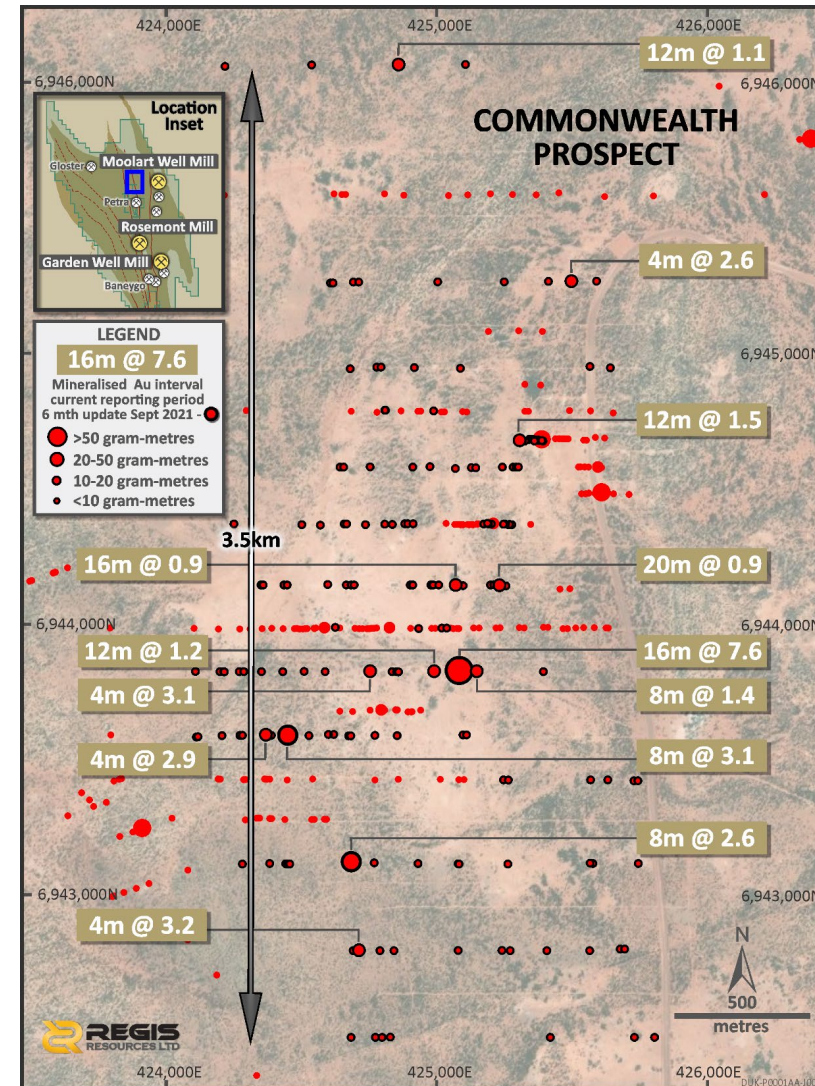
Commonwealth Prospect

An extensive 2km by 2km area of supergene gold mineralisation under definition drilling

Better results include:

- 16m @ 7.6 g/t gold
- 8m @ 3.1 g/t gold
- 8m @ 2.6 g/t gold

Future exploration will focus on infill drilling and targeting a number of deeper holes where mineralisation is interpreted to extend into the bedrock



DUKETON SOUTH OPERATIONS

Significant advances to multiple projects around DSO

Garden Well Main UG

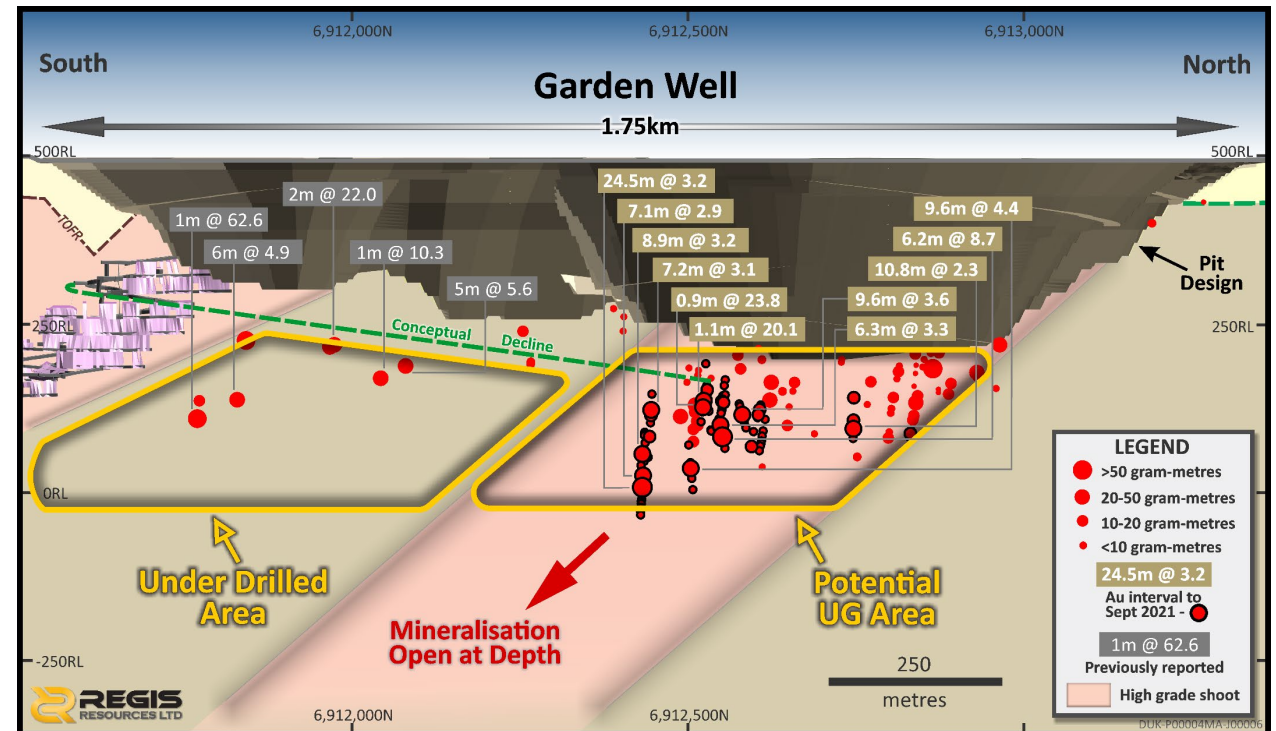
Further strong mineralisation from drilling beneath Garden Well Main pit continues to demonstrate the potential for establishing a new underground resource and potentially an additional underground production area

High-grade south plunging shoots beneath main pit taking shape

Better results include:

- 9.6m @ 4.4 g/t gold
- 9.6m @ 3.7 g/t gold
- 10.8m @ 2.3 g/t gold
- 7.1m @ 2.9 g/t gold
- 24.5m @ 3.2 g/t gold
- 8.9m @ 3.2 g/t gold

The potential for an exploration decline will continue to be investigated as further drilling is completed and confidence grows over the next 3-6 months



DUKETON SOUTH OPERATIONS

Significant advances to multiple projects around DSO

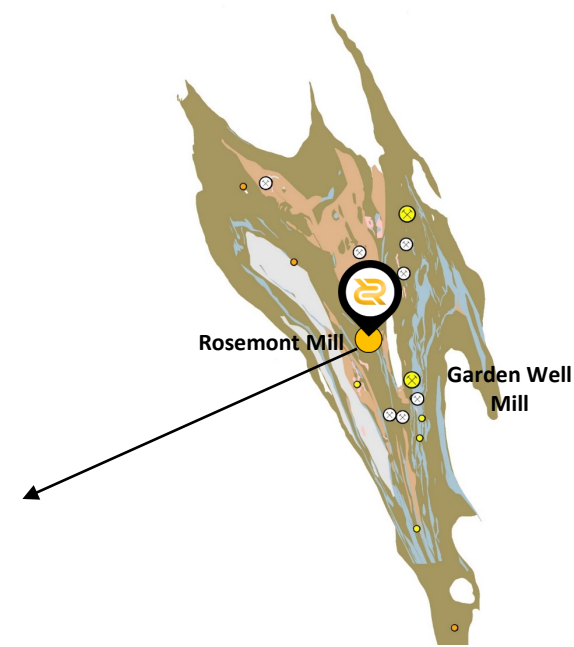
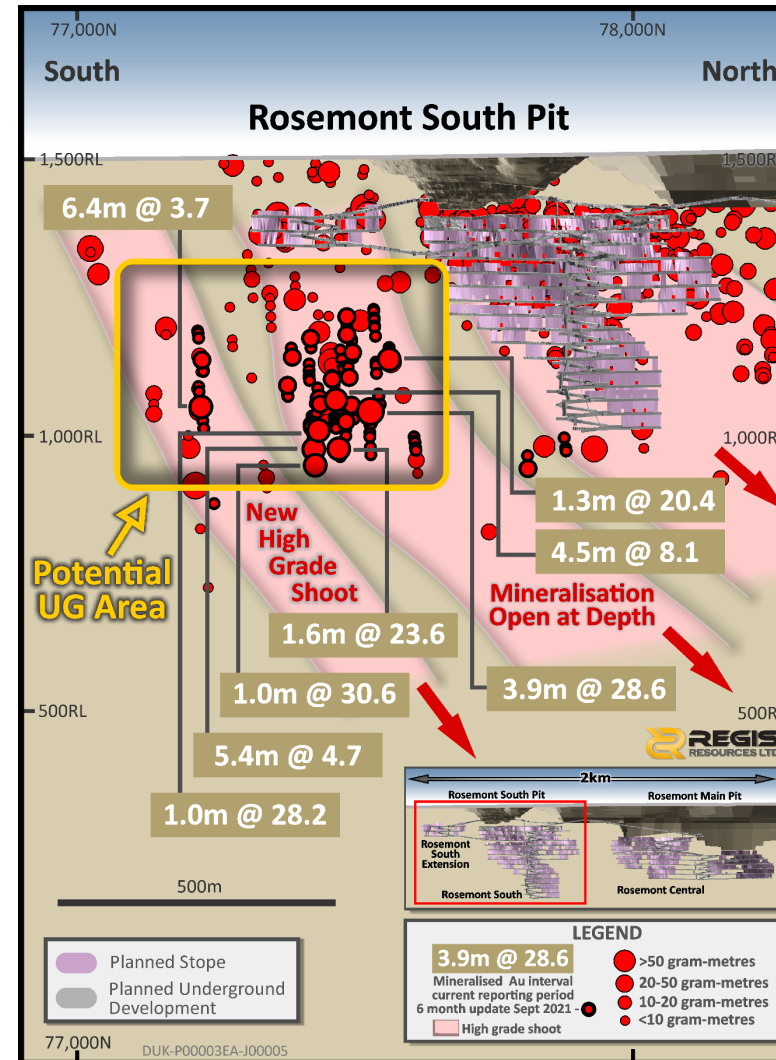
Rosemont South UG

High-grade gold mineralisation outside the current underground resource areas demonstrates potential for resource growth

Narrow, very high-grade intervals with free gold defined.

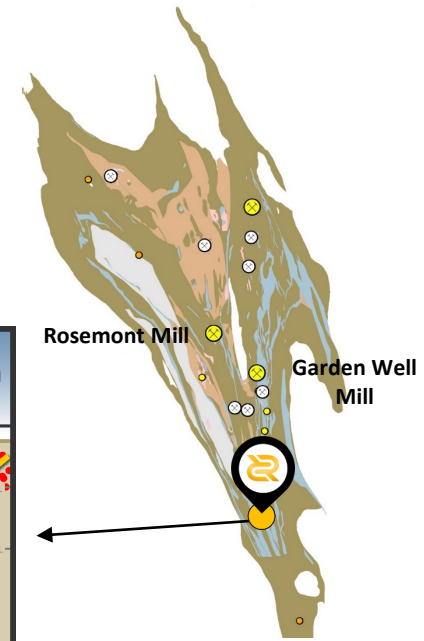
Better results include:

- 1.3m @ 20.4 g/t gold
- 3.9m @ 28.6 g/t gold
- 1.6m @ 23.6 g/t gold
- 1.0m @ 30.6 g/t gold
- 1.0m @ 28.2 g/t gold
- 0.3m @ 42.6 g/t gold
- 1.4m @ 11.9 g/t gold



DUKETON SOUTH OPERATIONS (DSO)

Significant advances to multiple projects around DSO

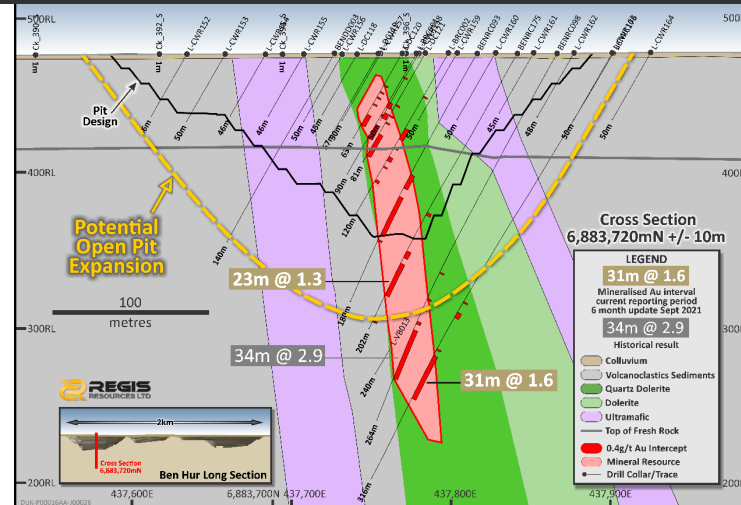
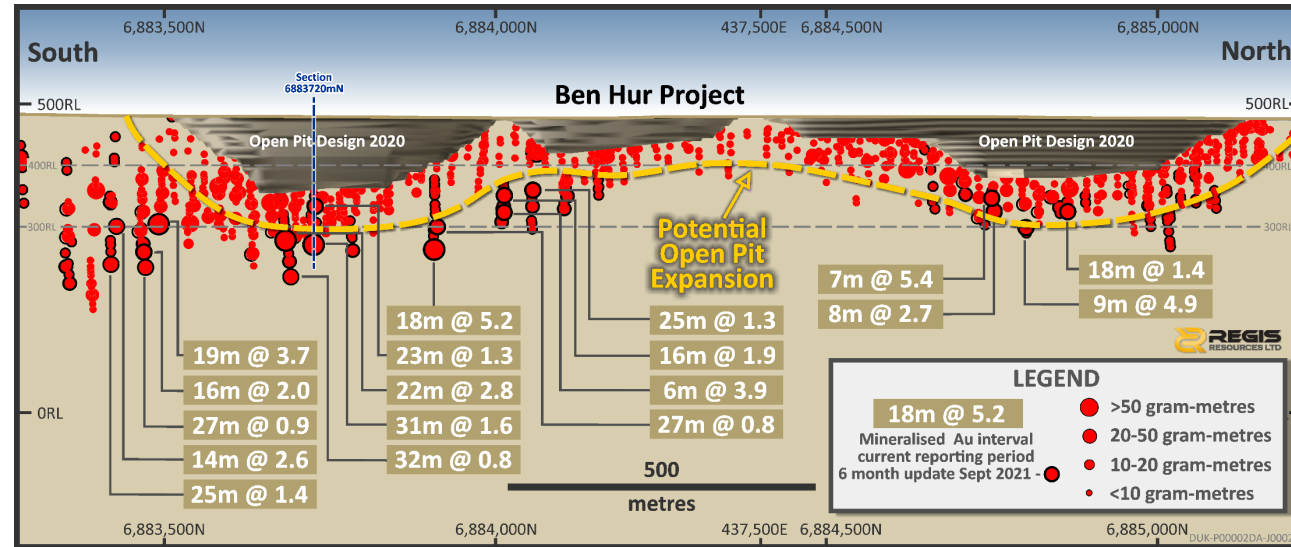


Ben Hur Project

Thick, high-grade extensions down dip are expected to grow the open pit resources. Deeper intercepts show early indications of potential UG lodes

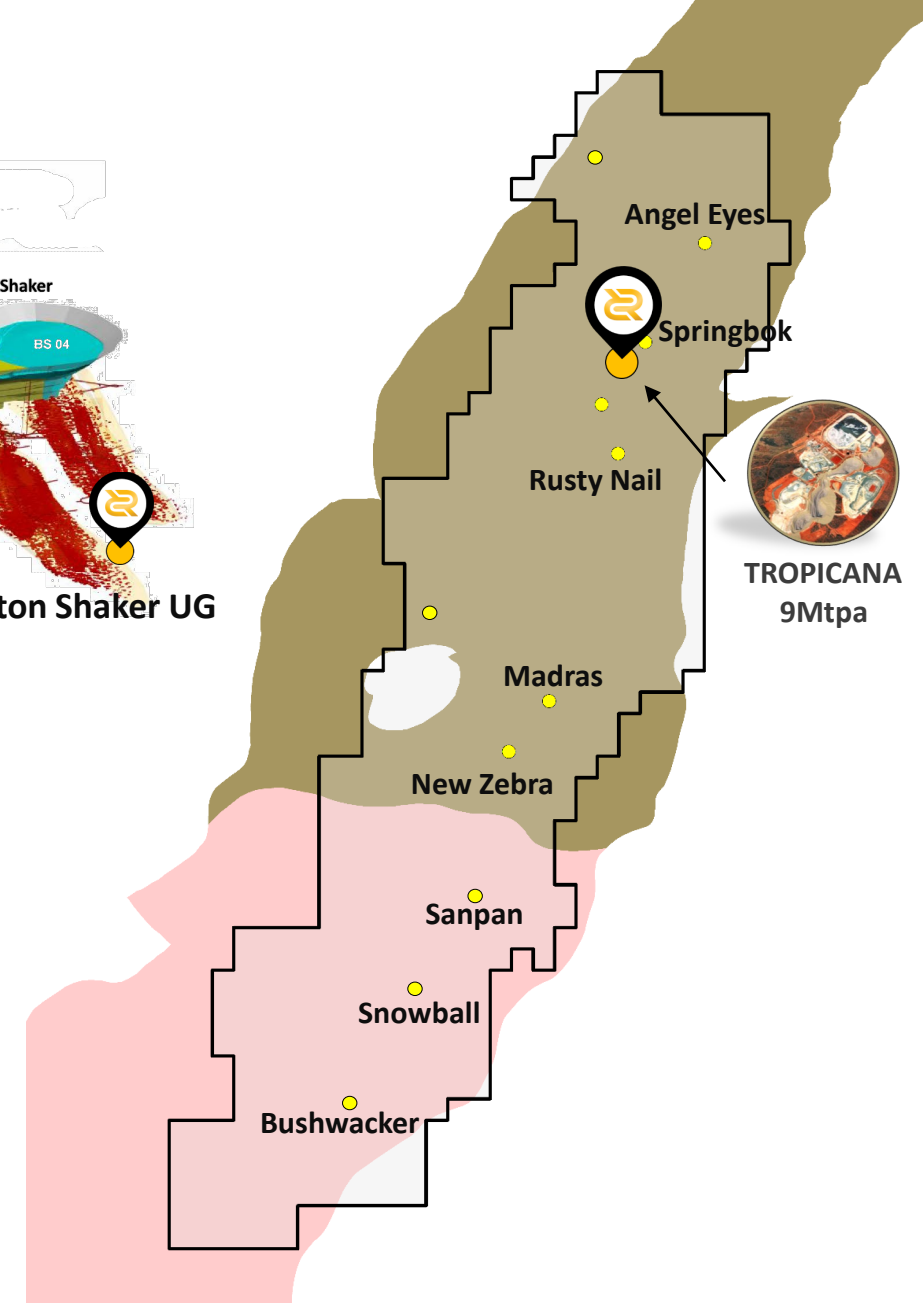
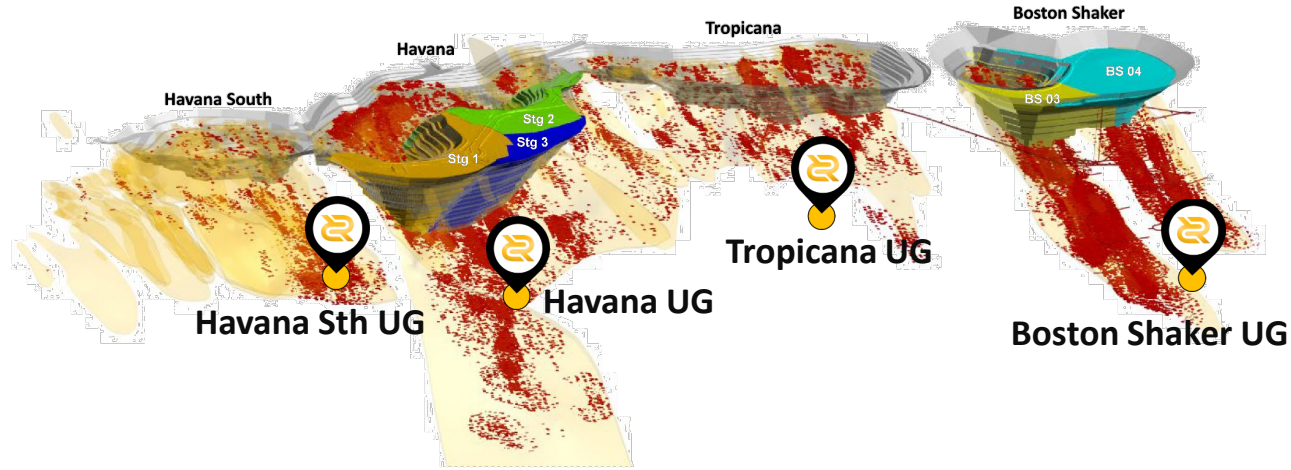
Better results include:

- 18m @ 1.4 g/t gold
- 7m @ 5.4 g/t gold
- 9m @ 4.9 g/t gold
- 19m @ 3.7 g/t gold
- 14m @ 2.6 g/t gold
- 25m @ 1.4 g/t gold
- 16m @ 2.0 g/t gold
- 25m @ 1.3 g/t gold
- 23m @ 1.3 g/t gold
- 31m @ 1.6 g/t gold
- 16m @ 1.9 g/t gold
- 18m @ 5.2 g/t gold







TROPICANA EXPLORATION

Four Key Project Updates



Tropicana Mine Projects

-  Boston Shaker Underground Extensions
-  Tropicana Underground
-  Havana Underground
-  Havana South Underground

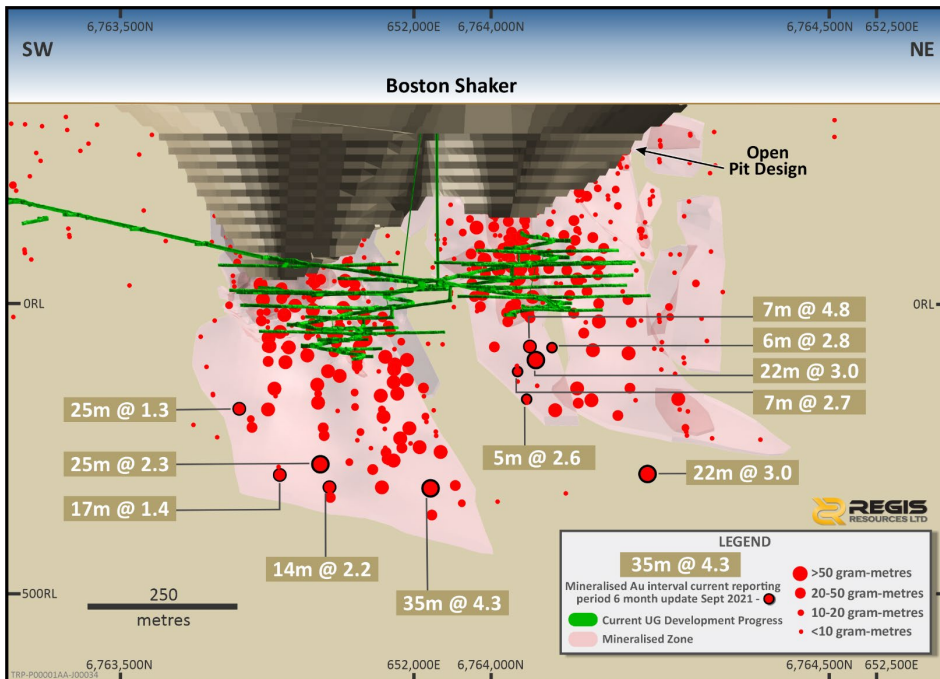
Exploration Budget **A\$27m**
\$8m (30%)

Albany Fraser Belt

TROPICANA – UNDERGROUND GROWTH

Boston Shaker UG

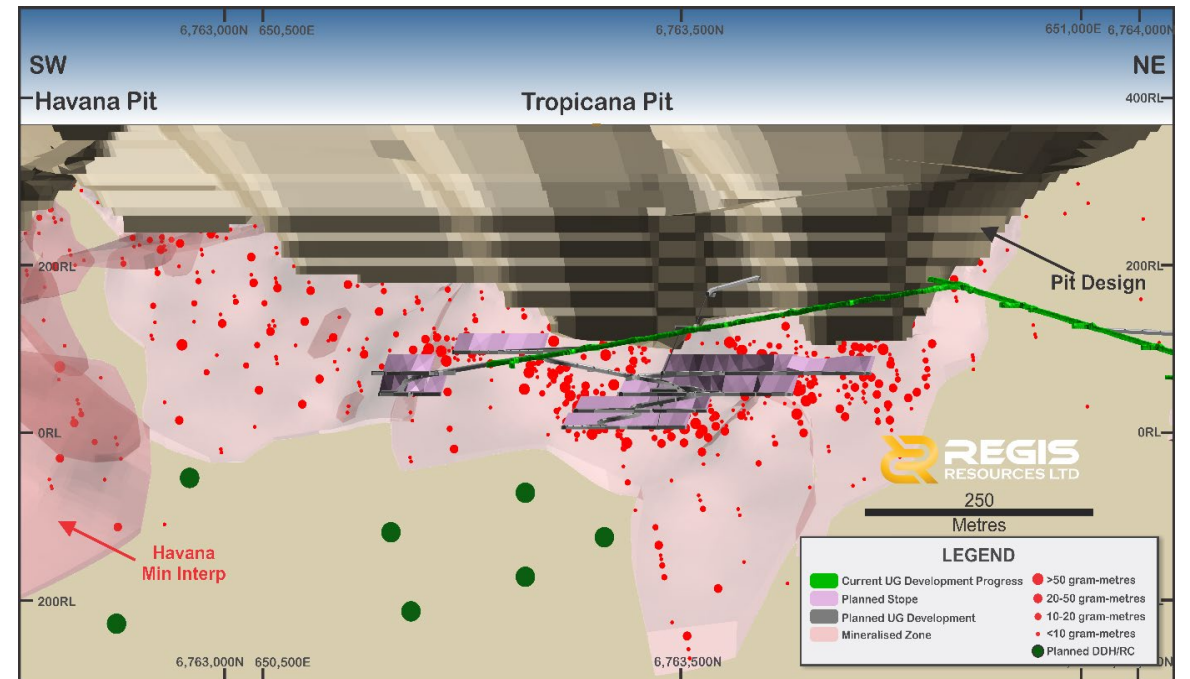
Strong results continue to demonstrate down-plunge growth potential up to 200m below the current resource envelope and improve confidence in areas of inferred resource



Tropicana UG

Part of the production schedule with mine development allowing extension drilling from underground which is increasing confidence in the orebody

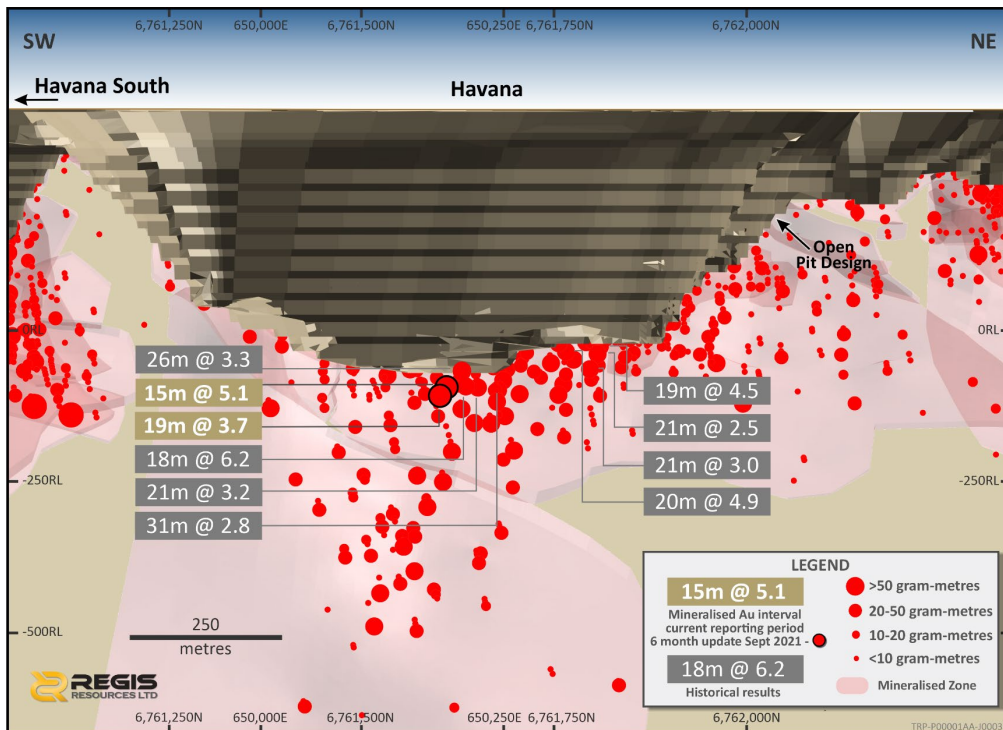
Six holes planned and underway to test the down-dip extensions to the mineralisation



TROPICANA – UNDERGROUND GROWTH

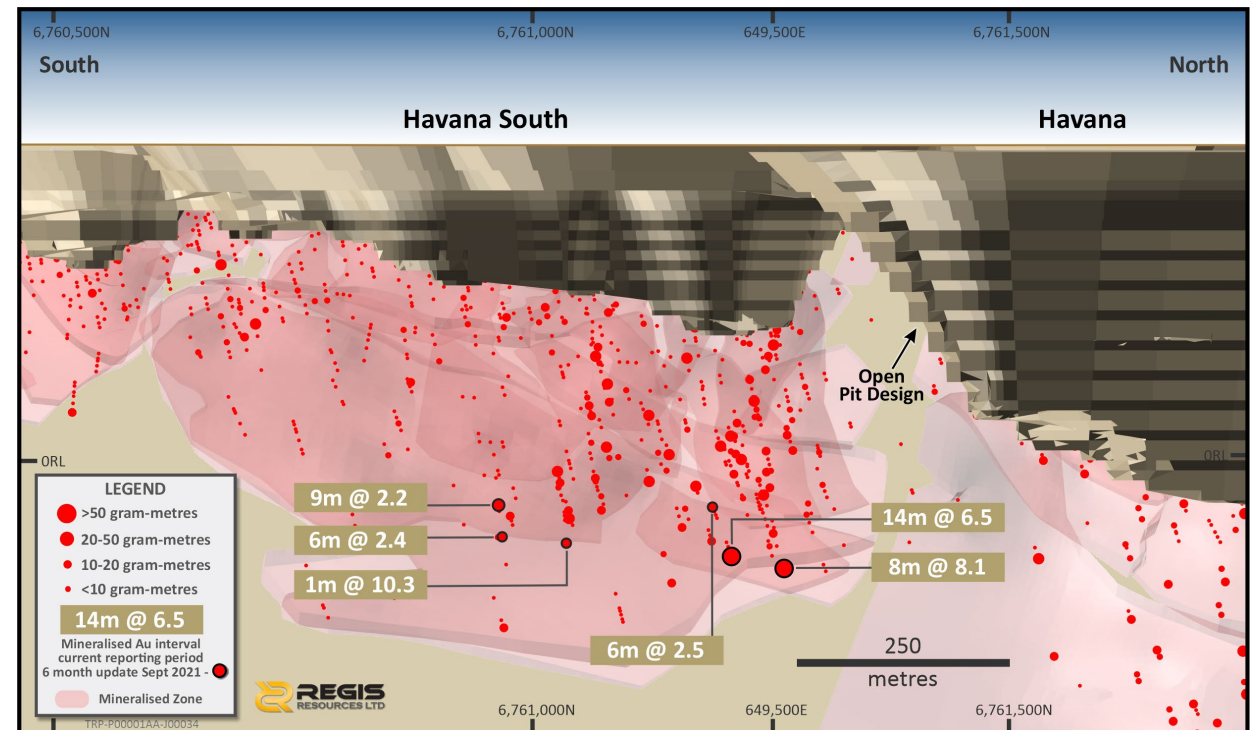
Havana Underground

Strong results continue from infill drilling to convert inferred resource to indicated in preparation for the 2022 Havana UG PFS



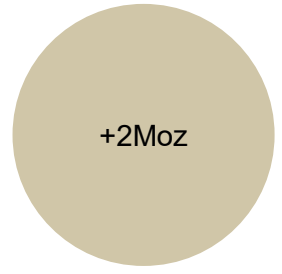
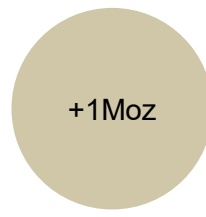
Havana South Underground

Four holes designed to test the down dip extension of high-grade ore shoots at Havana South, increase confidence in the potential for future underground extensions



GROWTH PIPELINE

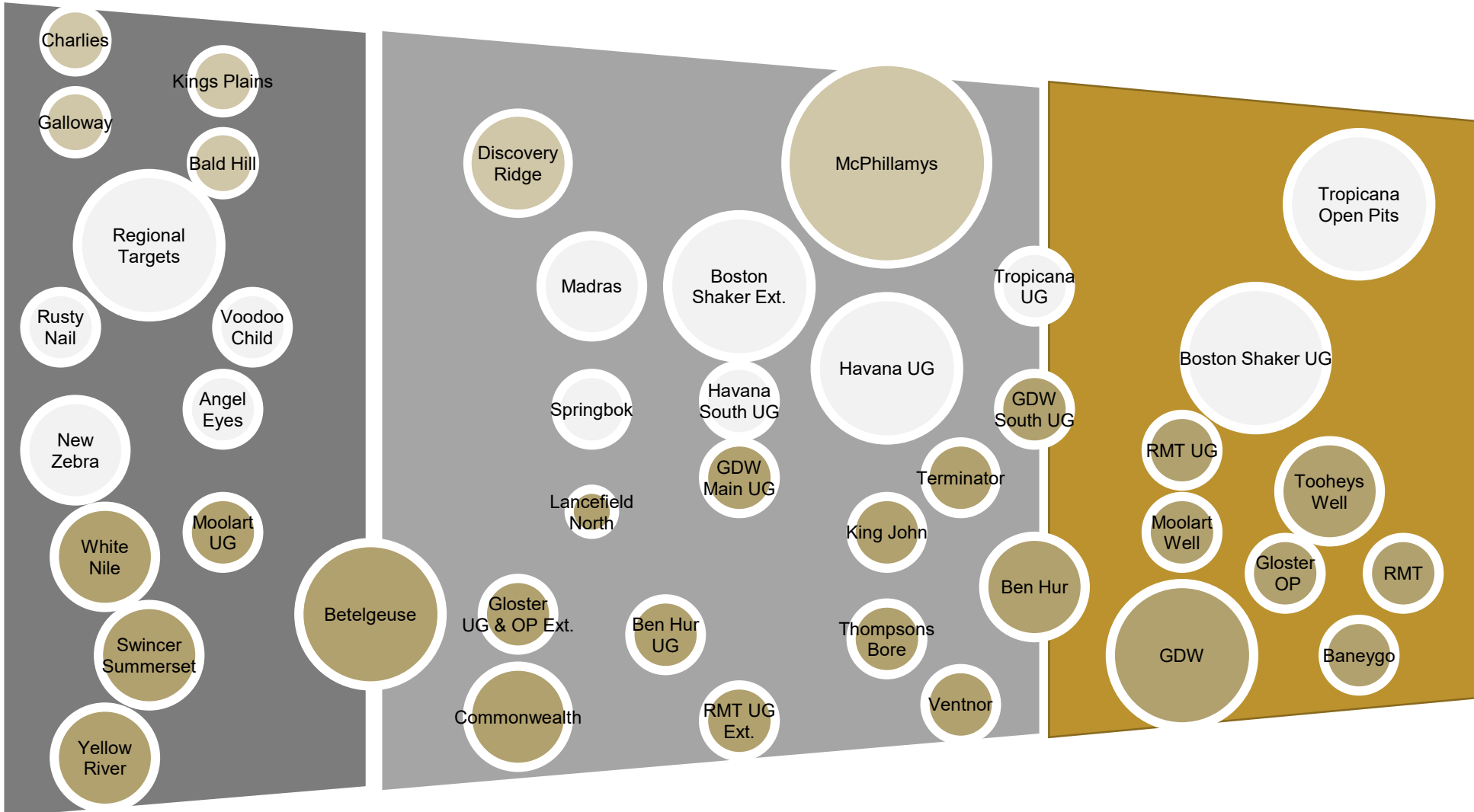
Target size:



Exploration

Advanced Exploration/Development

Operating



GROWTH THROUGH EXPLORATION



Jim Beyer – Managing Director & CEO

Wade Evans – GM Growth

ASX:RRL

