

DIGGERS & DEALERS MINING FORUM 2021  
Delivering Value through Exploration

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General Manager - Exploration



# Disclaimer

## Forward Looking Statements

This document includes forward looking statements and forward looking information within the meaning of securities laws of applicable jurisdictions. Forward looking statements can generally be identified by the use of words such as “may”, “will”, “expect”, “intend”, “plan”, “estimate”, “anticipate”, “believe”, “continue”, “objectives”, “targets”, “outlook” and “guidance”, or other similar words and may include, without limitation, statements regarding estimated reserves and resources, certain plans, strategies, aspirations and objectives of management, anticipated production, study or construction dates, expected costs, cash flow or production outputs and anticipated productive lives of projects and mines. Newcrest continues to distinguish between outlook and guidance. Guidance statements relate to the current financial year. Outlook statements relate to years subsequent to the current financial year.

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Forward looking statements are based on Newcrest’s good faith assumptions as to the financial, market, regulatory and other relevant environments that will exist and affect Newcrest’s business and operations in the future. Newcrest does not give any assurance that the assumptions will prove to be correct. There may be other factors that could cause actual results or events not to be as anticipated, and many events are beyond the reasonable control of Newcrest. Readers are cautioned not to place undue reliance on forward looking statements, particularly in the current economic climate with the significant volatility, uncertainty and disruption caused by the COVID-19 pandemic. Forward looking statements in this document speak only at the date of issue. Except as required by applicable laws or regulations, Newcrest does not undertake any obligation to publicly update or revise any of the forward looking statements or to advise of any change in assumptions on which any such statement is based.

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The views expressed in this document contain information that has been derived from sources that have not been independently verified. No representation or warranty is made as to the accuracy, completeness or reliability of the information. This presentation should not be relied upon as a recommendation or forecast by Newcrest.

## Ore Reserves and Mineral Resources Reporting Requirements

As an Australian Company with securities listed on the Australian Securities Exchange (ASX), Newcrest is subject to Australian disclosure requirements and standards, including the requirements of the Corporations Act 2001 and the ASX. Investors should note that it is a requirement of the ASX listing rules that the reporting of ore reserves and mineral resources in Australia is in accordance with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code) and that Newcrest’s ore reserve and mineral resource estimates comply with the JORC Code.

Newcrest is also subject to certain Canadian disclosure requirements and standards, as a result of its secondary listing on the Toronto Stock Exchange (TSX), including the requirements of National Instrument 43-101 (NI 43-101). Investors should note that it is a requirement of Canadian securities law that the reporting of Mineral Reserves and Mineral Resources in Canada and the disclosure of scientific and technical information concerning a mineral project on a property material to Newcrest comply with NI 43-101. Newcrest’s material properties are currently Cadia, Lihir and Wafi-Golpu.

## Competent Person’s Statement

The information in this document that relates to Havieron Mineral Resources has been extracted from the release titled “Initial Inferred Mineral Resource estimate for Havieron of 3.4Moz of gold and 160kt of copper” dated 10 December 2020 which is available to view at [www.asx.com.au](http://www.asx.com.au) under the code "NCM" (the original Havieron mineral resource release). Newcrest confirms that it is not aware of any new information or data that materially affects the information included in the original Havieron mineral resource release and that all material assumptions and technical parameters underpinning the estimates in the original Havieron mineral resource release continue to apply and have not materially changed. Newcrest confirms that the form and context in which the competent person’s findings are presented have not been materially modified from the original Havieron mineral resource release.

The information in this document that relates to Red Chris Mineral Resources has been extracted from the release titled “Newcrest announces its initial Mineral Resource estimate for Red Chris” dated 31 March 2021 which is available to view at [www.asx.com.au](http://www.asx.com.au) under the code "NCM" (the original Red Chris mineral resource release). Newcrest confirms that it is not aware of any new information or data that materially affects the information included in the original Red Chris mineral resource release and that all material assumptions and technical parameters underpinning the estimates in the original Red Chris mineral resource release continue to apply and have not materially changed. Newcrest confirms that the form and context in which the competent person’s findings are presented have not been materially modified from the original Red Chris mineral resource release.

The information in this document that relates to Exploration Results at Red Chris have been extracted from Newcrest’s release titled “Quarterly Exploration Report” dated 22 July 2021 (the original Red Chris exploration release). The information in this document that relates to Exploration Results at Havieron have been extracted from Newcrest’s release titled “Quarterly Exploration Report” dated 22 July 2021 and other prior exploration releases (the original Havieron exploration releases). The original Red Chris release and the original Havieron releases (together, the original releases) are available to view at [www.asx.com.au](http://www.asx.com.au) under the code “NCM” and on Newcrest’s SEDAR profile. Newcrest confirms that it is not aware of any new information or data that materially affects the information included in the original releases and that all material assumptions and technical parameters underpinning the estimates in the original releases continue to apply and have not materially changed. Newcrest confirms that the form and context in which the competent person’s findings are presented have not been materially modified from the original releases.

# NEWCREST GROWTH STRATEGY DELIVERING



## HAVIERON

Western Australia

- New under cover discovery
- 45km east of Telfer
- Inferred Resource – 3.4Moz Au & 160Kt Cu<sup>1</sup>
- Mineralisation still open

## RED CHRIS

British Columbia

- Higher grade porphyry
- Golden Triangle, BC
- Mineral Resource – 13Moz Au and 3.7Mt Cu (Measured and Indicated)<sup>2</sup>
- New Discovery – East Ridge

## GROWTH PIPELINE

- Portfolio of early stage exploration projects
- Targeting major global Au belts
- Searching for and seeking new opportunities

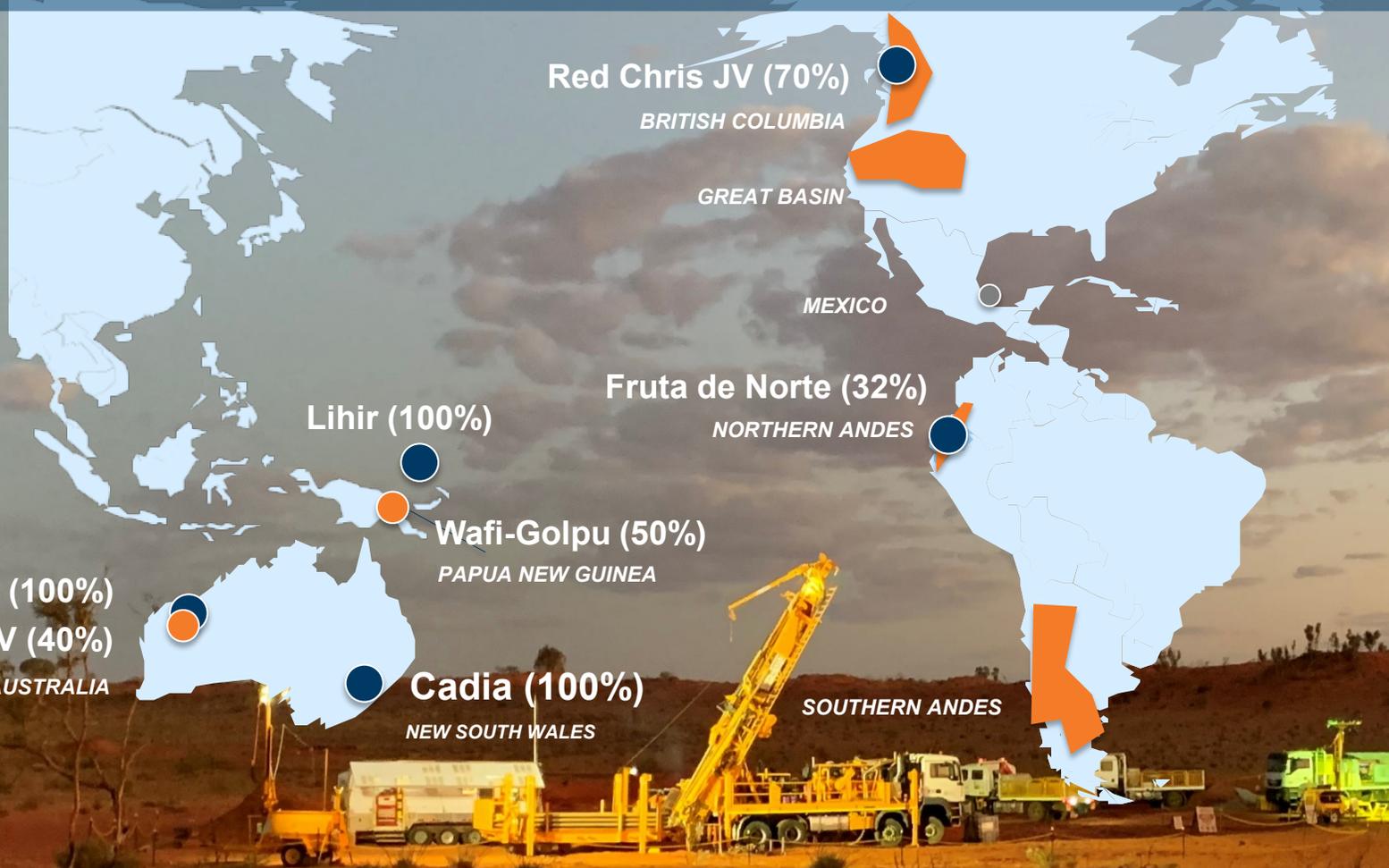
## LEVERAGING EXPLORATION DNA, MINING CAPABILITY, EXPLORATION T&I AND PARTNERSHIPS

<sup>1</sup> The Initial Inferred Mineral Resource estimate is presented on a 100% basis. As announced on 30 November 2020, Newcrest has now met the Stage 3 expenditure requirement (US\$45 million) and is entitled to earn an additional 20% joint venture interest in addition to its existing 40% interest, resulting in an overall joint venture interest of 60% (Greatland Gold 40%). Refer to Newcrest release titled 'Initial Inferred Mineral Resource estimate for Havieron of 3.4Moz of gold and 160Kt of copper' dated 10 December 2020.

<sup>2</sup> Represents 100% of the Measured and Indicated Mineral Resource estimate. Newcrest's joint venture interest in the Mineral Resource estimate is 70%. Refer to Newcrest's release titled "Newcrest announces its initial Mineral Resource estimate for Red Chris" dated 31 March 2021.

# NEWCREST ANCHOR DISTRICTS

Value generated through looking deeper & opening up new search space in targeted global gold belts



**Paterson**  
 New under cover discoveries - Transform Telfer to Paterson processing hub  
 Haveron (JV&FI), Juri (JV&FI), Wilki (FI), Antipa (EI)

**Golden Triangle**  
 Deep exploration under and around known BC porphyry system  
 Red Chris (JV) which includes the GJ property

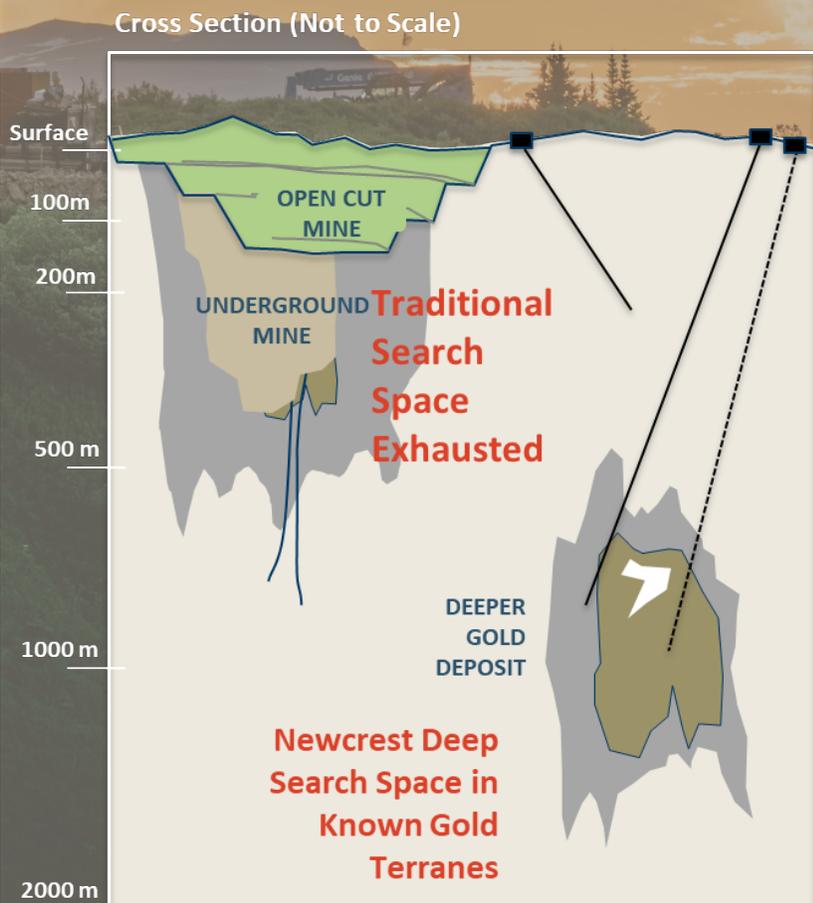
**Great Basin**  
 Undercover epithermal veins  
 Jarbidge (O) and Fortuity 89 (O&FI)

**Andes**  
 Porphyry and epithermal search in under explored belts  
 SolGold and Lundin Gold Equity, Lundin Gold (JV), Cana Brava (O&FI), Gorbea (O&FI), Mioceno (O&FI), Vicuna (O&FI), Altazor (O&FI)

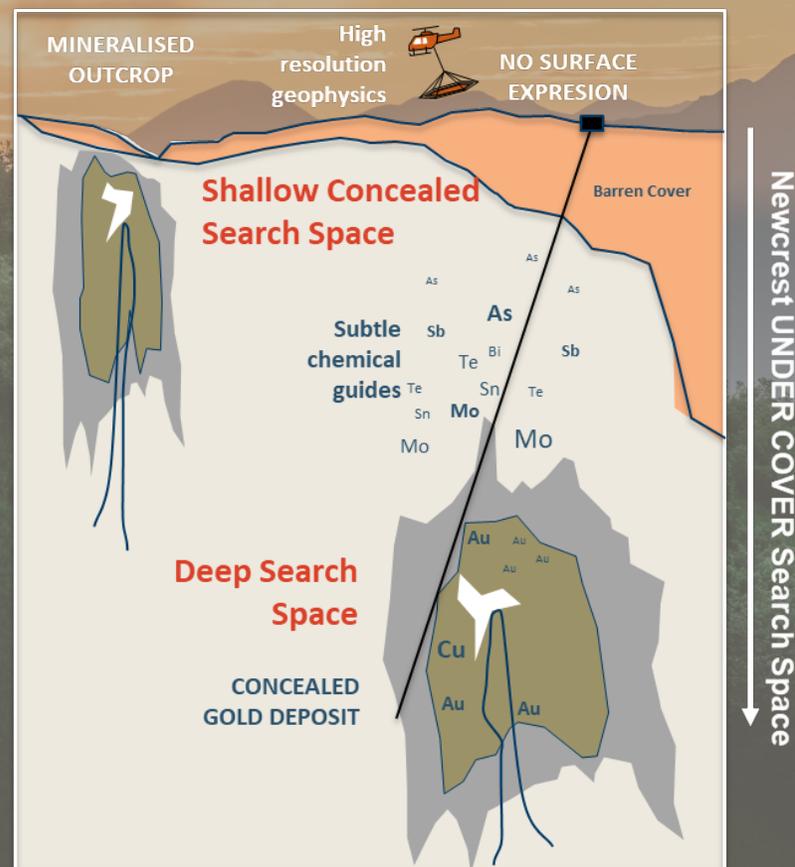
# THE CHALLENGES AND OPPORTUNITIES OF DEEPER EXPLORATION

## UNIQUE SEARCH SPACE

### LOOKING DEEP IN OUTCROP AREAS



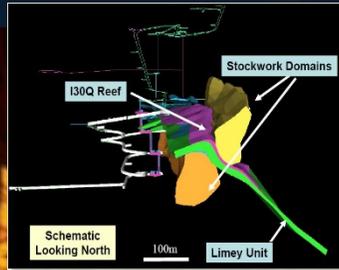
### EXPLORING UNDER COVER



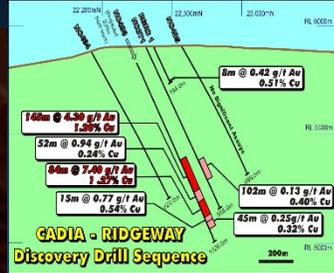
# MEETING THE CHALLENGE OF DEEPER OREBODIES



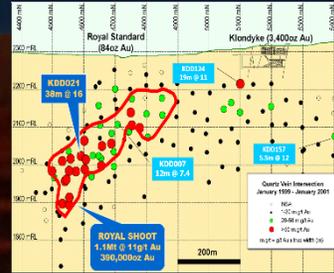
## +20 Years of Deeper Exploration Success



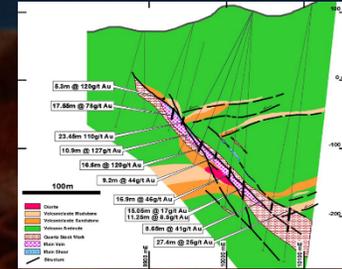
**TELFER DEEPS**  
Western Australia



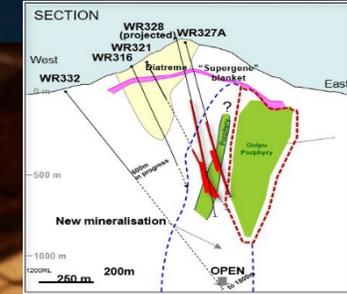
**RIDGEWAY  
CADIA EAST**  
New South Wales



**CRACOW**  
Queensland



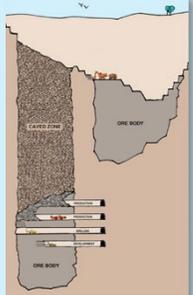
**GOSOWONG**  
Indonesia



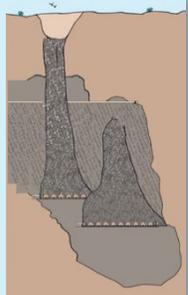
**GOLPU DEEPS**  
Papua New Guinea

## Underground Mining Capability

### BULK UNDERGROUND

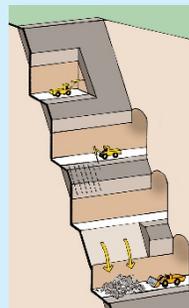


Sublevel Caving

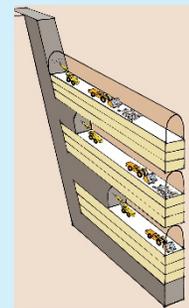


Block Caving

### SELECTIVE UNDERGROUND



Reef



Narrow Vein

Newcrest is well positioned to meet the challenges of exploring and developing deeper deposits

# CONTINUED SUCCESS EXPLORING DEEP MINERALISATION

EMERGING OPPORTUNITIES



**HAVIERON**  
Western Australia



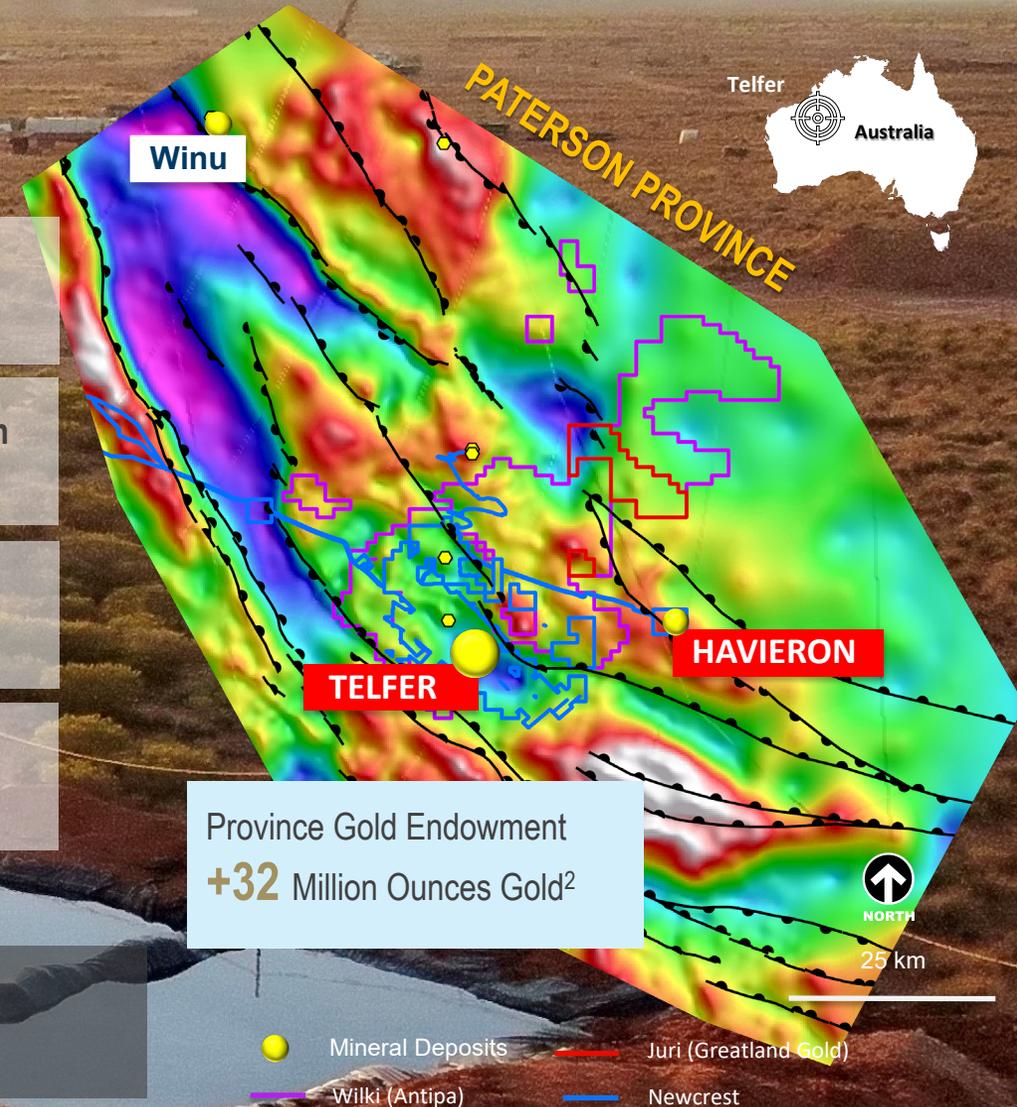
**EAST RIDGE – RED CHRIS**  
British Columbia

# ANCHOR DISTRICT: PATERSON PROVINCE

## NEW GOLD FROM UNDER COVER DISCOVERY

- 1 Havieron JV (Greatland Gold): New under cover higher grade discovery – 45km east of Telfer
- 2 Inferred Mineral Resource estimate for Haverion announced in December 2020: 3.4 Moz Au and 160 kt Cu<sup>1</sup>
- 3 Potential to grow Haverion Resource – South East Crescent, Northern Breccia, Eastern Breccia and geophysical targets
- 4 Partnering to discover the next Haverion – Wilki (Antipa - +2,200km<sup>2</sup>) and Juri (Greatland - +240km<sup>2</sup>)

Success in deep exploration under cover leading to potential growth opportunities for Telfer

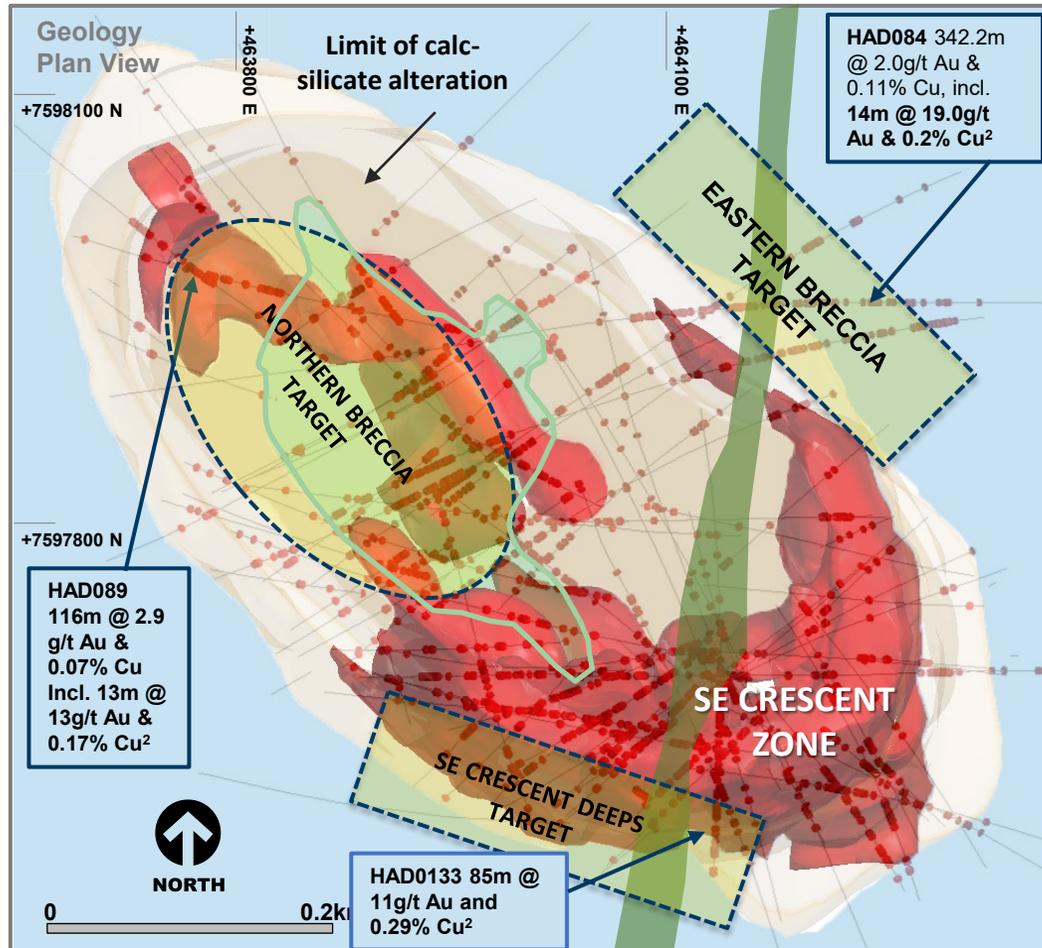


<sup>1</sup> The Initial Inferred Mineral Resource estimate is presented on a 100% basis. As announced on 30 November 2020, Newcrest has now met the Stage 3 expenditure requirement (US\$45 million) and is entitled to earn an additional 20% joint venture interest in addition to its existing 40% interest, resulting in an overall joint venture interest of 60% (Greatland Gold 40%). Refer to Newcrest release titled 'Newcrest Initial Inferred Mineral Resource estimate for Haverion of 3.4Moz of gold and 160Kt of copper' dated 10 December 2020.

<sup>2</sup> Province endowment from mineral deposit data compiled from MinEx Consulting ([www.minexconsulting.com](http://www.minexconsulting.com)).

# HAVIERON PROJECT (GREATLAND GOLD JV)

UNDER COVER DISCOVERY 45 km EAST OF TELFER



**Initial Inferred Mineral Resource estimate for Havieron of 3.4Moz Au and 160Kt Cu<sup>1</sup>**

## LEGEND

- Inferred Resource (Dec. 20) full extent
  - Calc-silicate alteration + breccia
  - Undifferentiated sedimentary rocks
  - Diorite
  - Dolerite
  - +1 g/t Au samples in drillcore
- Note drillhole traces shown only below 4400mRL



**HAD123** 169.5m @ 3.4g/t Au & 0.33% Cu from 711.5m including 58.9m @ 6.2g/t Au & 0.23% Cu from 736.1m including 3.1m @ 95g/t Au & 0.50% Cu from 781.8m<sup>2</sup>

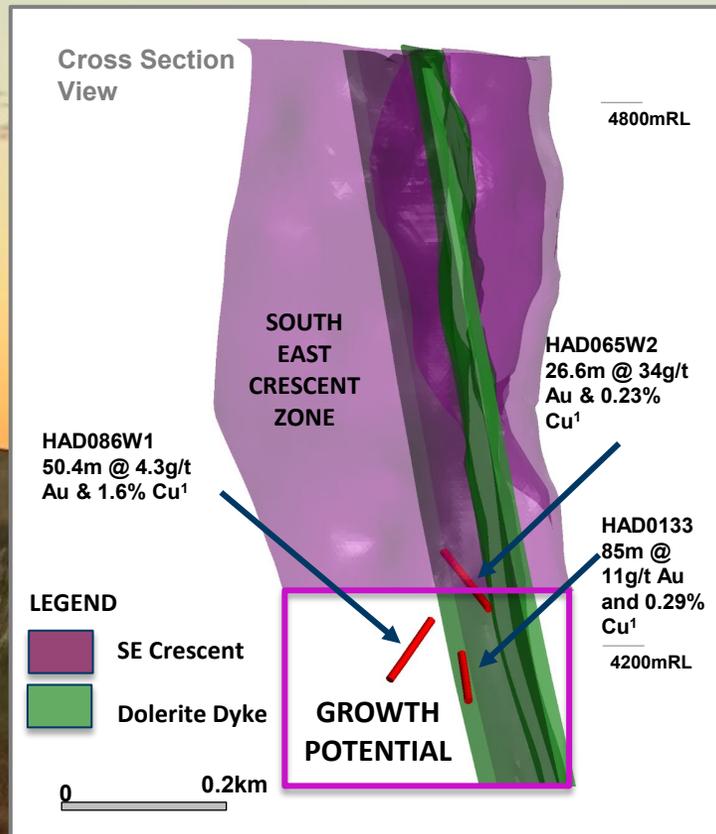
<sup>1</sup> The Initial Inferred Mineral Resource estimate is presented on a 100% basis. As announced on 30 November 2020, Newcrest has now met the Stage 3 expenditure requirement (US\$45 million) and is entitled to earn an additional 20% joint venture interest in addition to its existing 40% interest, resulting in an overall joint venture interest of 60% (Greatland Gold 40%). Refer to Newcrest release titled 'Newcrest Initial Inferred Mineral Resource estimate for Havieron of 3.4Moz of gold and 160Kt of copper' dated 10 December 2020.

<sup>2</sup> The Havieron drill results on this slide have been extracted from Newcrest's release titled "Quarterly Exploration Report" dated 22 July 2021 and other prior exploration releases. These releases include the exploration results for all material drill-holes (including those referred to on this slide).

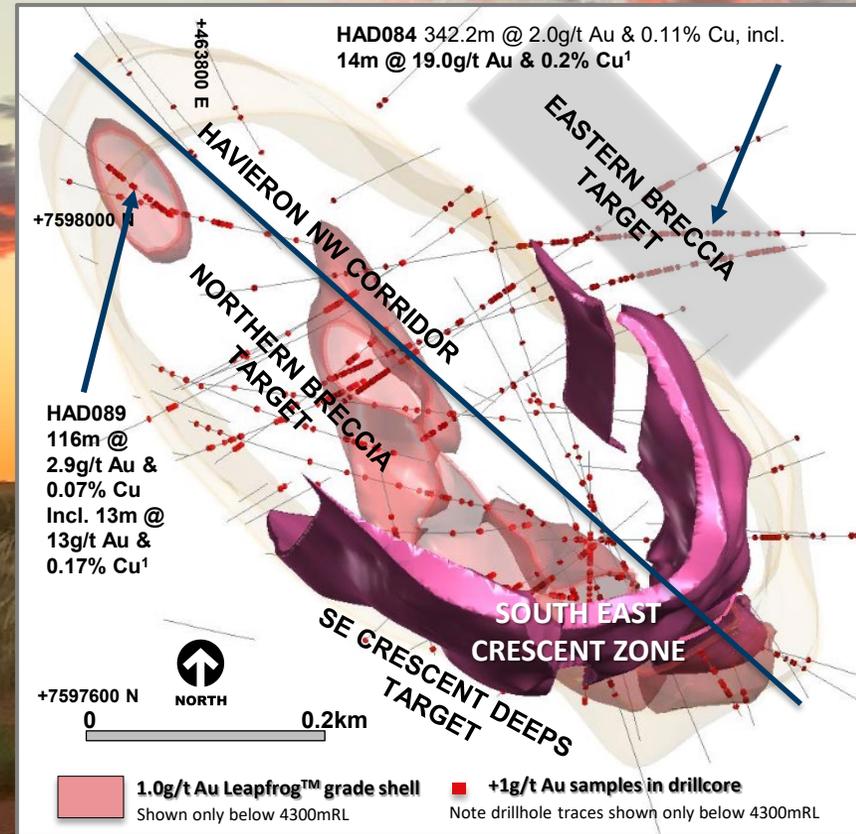
# HAVIERON GROWTH

## EXPLORATION TARGETS TO SUPPORT POTENTIAL RESOURCE GROWTH

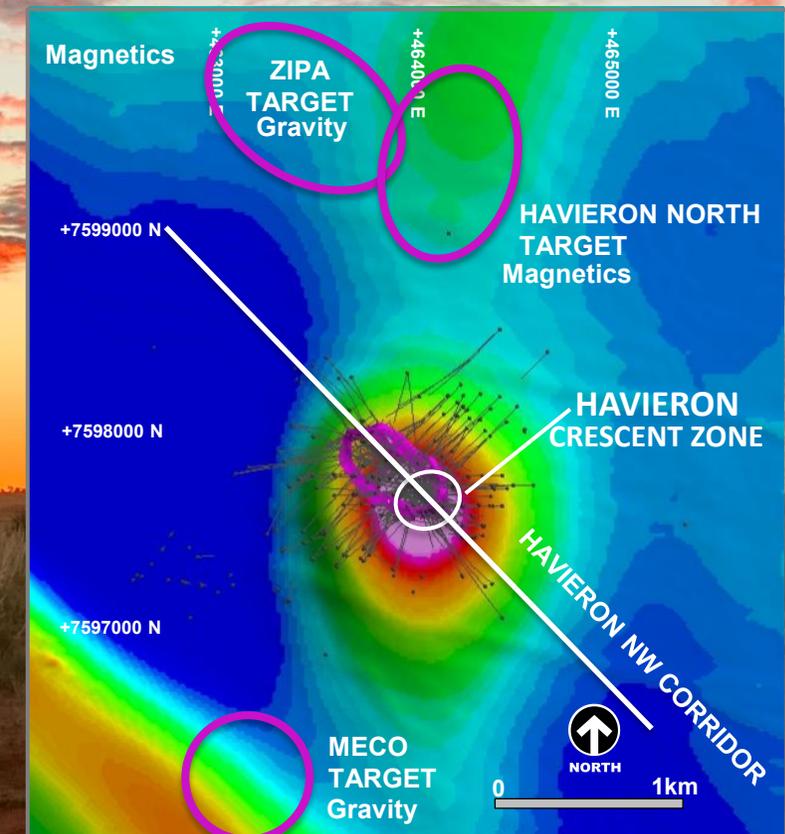
SE Crescent Deeps  
High grade open at depth



Northern and Eastern Breccia Targets  
Open Higher Grade Mineralisation



Near Havieron Potential  
Havieron Like Geophysical Targets



<sup>1</sup> The Havieron drill results in this slide have been extracted from Newcrest's release titled "Quarterly Exploration Report" dated 22 July 2021 and other prior exploration releases. These releases include the exploration results for all material drill-holes (including those referred to on this slide).

# ANCHOR DISTRICT: BRITISH COLUMBIA

## HIGHER GRADE PORPHYRY OPPORTUNITIES IN THE GOLDEN TRIANGLE



- 1 **Red Chris:** Newcrest acquires 70% of potential Tier 1 orebody (15 August 2019)
- 2 **Newcrest announces its initial Mineral Resource estimate for Red Chris, including a Measured and Indicated Resource of 13Moz Au and 3.7Mt Cu<sup>1</sup>**
- 3 **East Ridge discovery:** New zone of higher grade mineralisation situated outside of the resource shell
- 4 **GJ Project:** Captured +10 km of highly prospective porphyry corridor

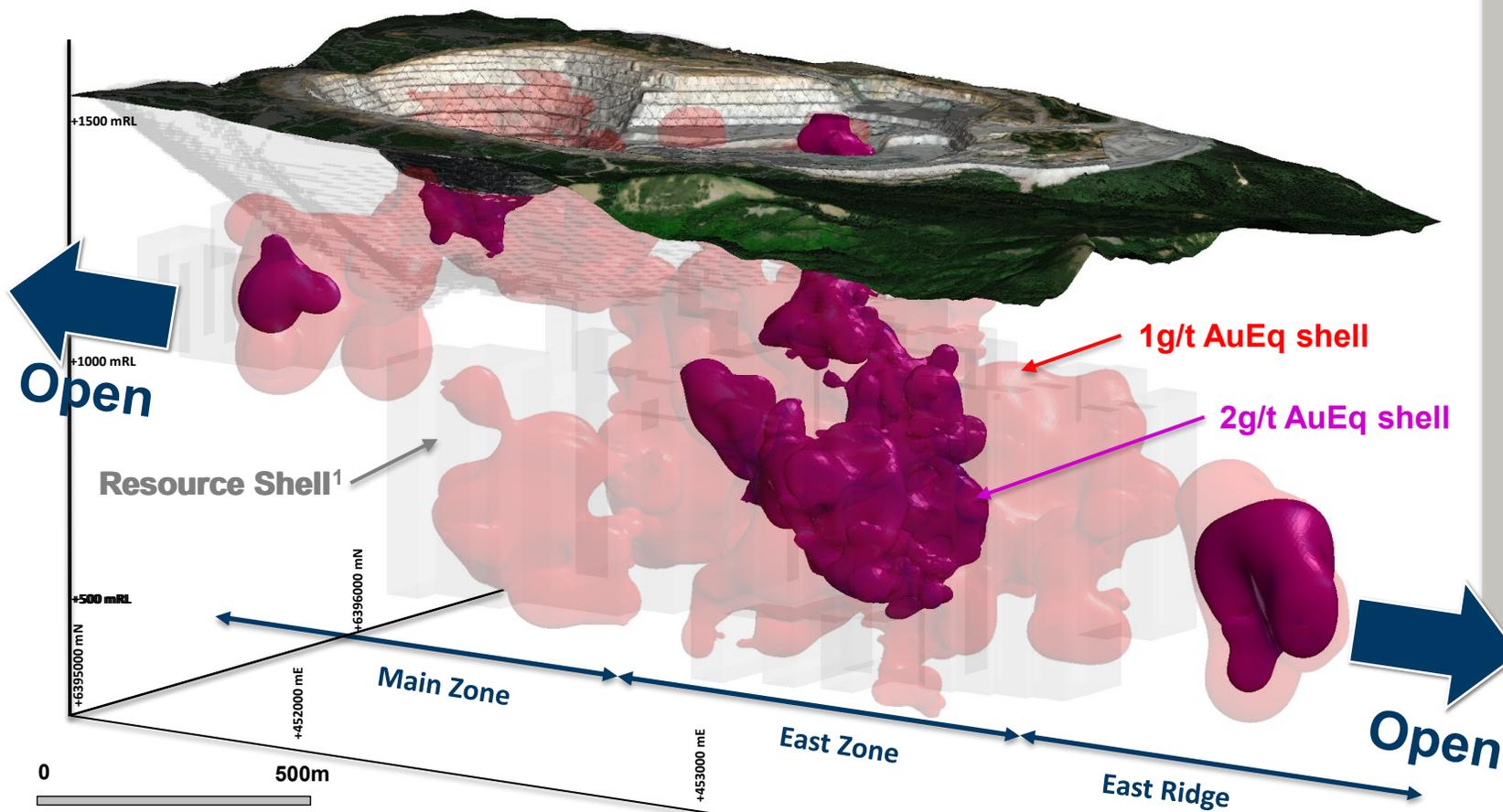
Applying our long geology and mining understanding of alkalic porphyry deposits to the Golden Triangle. Newcrest is well positioned to grow portfolio and unlock value



<sup>1</sup> Represents 100% of the Measured and Indicated Mineral Resource estimate. Newcrest's joint venture interest in the Mineral Resource estimate is 70%. Refer to Newcrest's release titled "Newcrest announces its initial Mineral Resource estimate for Red Chris" dated 31 March 2021.  
<sup>2</sup> Province endowment from mineral deposit data compiled from MinEx Consulting ([www.minexconsulting.com](http://www.minexconsulting.com)).

# RED CHRIS NEW DISCOVERY

## NEW HIGHER GRADE POD DISCOVERY – EAST RIDGE



**RC700: 366m @ 1.1g/t Au & 0.93% Cu from 738m including 226m @ 1.6g/t Au & 1.3% Cu from 774m including 146m @ 2.1g/t Au & 1.6% Cu from 780m<sup>2</sup>**

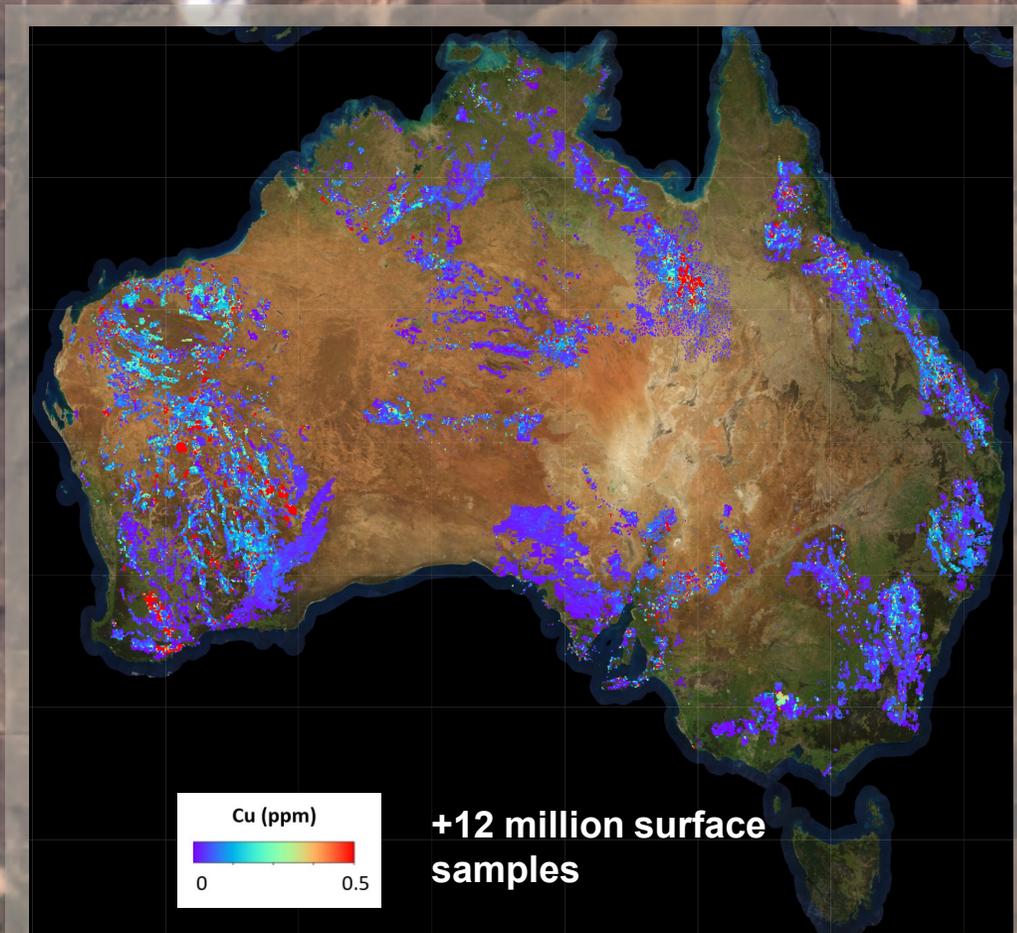
<sup>1</sup> Resource shell outline as defined in Newcrest's release titled "Newcrest announces its initial Mineral Resource estimate for Red Chris" dated 31 March 2021

<sup>2</sup> The Red Chris drill results in this slide have been extracted from Newcrest's release titled "Quarterly Exploration Report" dated 22 July 2021. This release includes the exploration results for all material drill-holes (including those referred to on this slide).

<sup>3</sup> 1g/t AuEq and 2g/t AuEq shell projections generated from the Leapfrog™ model. Gold equivalent (AuEq) grade calculated using a copper conversion factor  $[(\text{gold grade (g/t)}) + (\text{copper grade (\%)} \times 1.67)]$  using US\$1,400/oz Au, US\$3.40/lb Cu, and 100% recovery.

# INNOVATIVE PREDICTIVE TARGETING

EXPLORING HISTORICAL DATA FOR THE NEXT DISCOVERIES



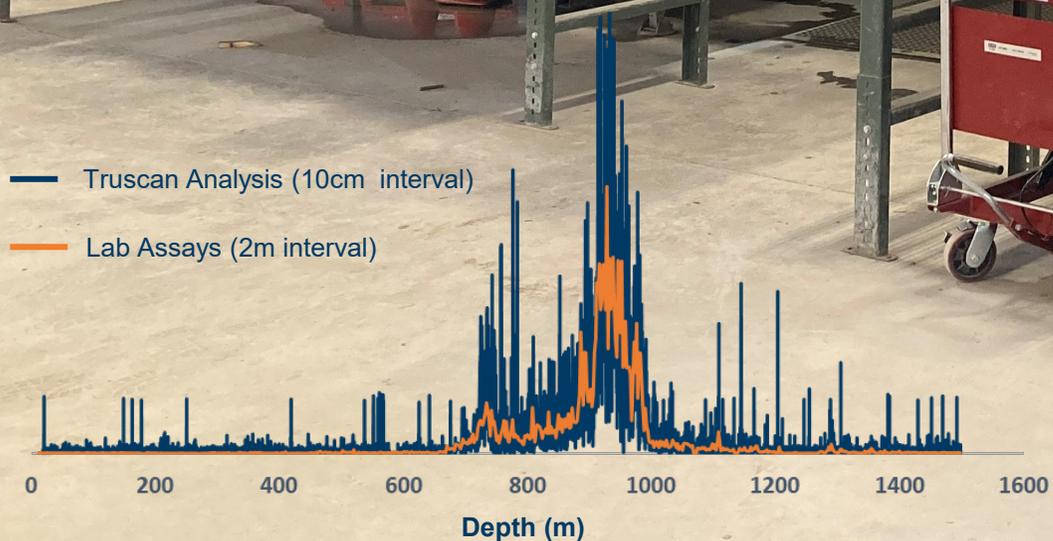
- 1 **Compilation, validation, integration of Australia-wide public geochemistry to identify and rank prospective signatures**
- 2 **+12 million surface samples:** cleaned and integrated with continental scale geophysical layers
- 3 **Over 3 million drill holes** ingested into our platform to drive new predictive targeting that combines advanced signature hunting tools

Newcrest applies the next generation of global-scale machine learning analytics that are embedded in large-scale industry and the defence sector

# EARLY ADOPTERS OF TECHNOLOGY

TRANSFORMING HOW WE WORK WITH OUR TECHNOLOGY PARTNERS

RED CHRIS – TRUSCAN AND LAB BASED ASSAYS



1 **Metal values at the time of drilling:** rapid identification of target and target volumes allowing for improved drillhole planning

2 **Real-time clustering of data:** insights that help the logging of subtle geology (e.g. porphyry discrimination)

3 **Process substitution:** applying machine learning to map basic structure in drillcore reducing coreshed logging

Newcrest uses step-change technology to deliver real-time data that empowers our geologists

# DELIVERING VALUE THROUGH GROWTH



**PARTNERSHIP**  
Capturing the Best Ground

**EXPLORATION DNA**  
Empowering our Geologists with  
Technology

**MINING CAPABILITY**  
Unlocking Deeper Search Space