

NEWCREST

# Exploration edge

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# Disclaimer

## Forward Looking Statements

This presentation includes forward looking statements. Forward looking statements can generally be identified by the use of words such as “may”, “will”, “expect”, “intend”, “plan”, “estimate”, “anticipate”, “continue”, “outlook” and “guidance”, or other similar words and may include, without limitation, statements regarding plans, strategies and objectives of management, anticipated production or construction commencement dates and expected costs or production outputs. The Company 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.

Forward looking statements inherently involve known and unknown risks, uncertainties and other factors that may cause the Company’s actual results, performance and achievements to differ materially from statements in this presentation. Relevant factors may 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 licences 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.

Forward looking statements are based on the Company’s good faith assumptions as to the financial, market, regulatory and other relevant environments that will exist and affect the Company’s business and operations in the future. The Company 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 the Company. Readers are cautioned not to place undue reliance on forward looking statements. Forward looking statements in these materials speak only at the date of issue. Except as required by applicable laws or regulations, the Company 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.

## Reliance on Third Party Information

The views expressed in this presentation 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 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 comply 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.

## Competent Person’s Statement

The information in this presentation that relates to Mineral Resources or Ore Reserves (other than Red Chris and Havieron) has been extracted from the release titled “Annual Mineral Resources and Ore Reserves Statement –31 December 2018” dated 14 February 2019 (the original release). Newcrest confirms that it is not aware of any new information or data that materially affects the information included in the original release and, in the case of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the original 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 release.

The information in this presentation that relates to Exploration Results at Havieron has been extracted from the release titled “Quarterly Exploration Report” dated 25 July 2019 (the original Havieron release). Newcrest confirms that it is not aware of any new information or data that materially affects the information included in the original Havieron release and that all material assumptions and technical parameters underpinning the estimates in the original Havieron 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 release.

# Disclaimer

## **Red Chris foreign estimates**

The estimates of Mineral Resources for the Red Chris deposit are qualifying foreign estimates under the ASX Listing Rules reported in accordance with the National Instrument 43-101 (NI 43-101) by Imperial and filed on SEDAR ([www.sedar.com](http://www.sedar.com)) on 30 September 2015. These qualifying foreign estimates were re-stated by Imperial in their July 2017 Mineral Resource and Mineral Reserve statement ([www.imperialmetal.com](http://www.imperialmetal.com)) but have not been updated since 30 September 2015, and have not been depleted for production to date.

The supporting information required by ASX Listing Rule 5.12 was contained in the release titled “Presentation re Newcrest’s agreement to acquire potential Tier 1 orebody in Canada” dated 11 March 2019 (original Red Chris release). Newcrest confirms that it is not aware of any new information or data relating to the Red Chris qualifying foreign estimates that materially impacts on the reliability of the estimates or Newcrest’s ability to verify such foreign estimates following completion as mineral resources in accordance with Appendix 5A of the ASX Listing Rules. The supporting information provided in the original Red Chris release referred to in ASX Listing Rule 5.12 continues to apply and has not materially changed.

## **Cautionary statement**

The estimates of Mineral Resources for the Red Chris deposit are qualifying foreign estimates under the ASX Listing Rules and are not reported in accordance with the JORC Code. Competent persons have not done sufficient work to classify the qualifying foreign estimates as Mineral Resources in accordance with the JORC Code. It is uncertain, that following evaluation and further exploration, the foreign estimates will be able to be reported as Mineral Resources in accordance with the JORC code.



# Newcrest Partner of choice

Leveraging off our  
strengths to  
deliver new  
discoveries



Partners

## Newcrest's Strengths



Exploration  
Expertise



Mining  
Capabilities



Exploration  
Technology &  
Innovation



New Discoveries



## Exploration Expertise



History of delivering  
multi mine districts

**Cadia – >50Moz Au\***



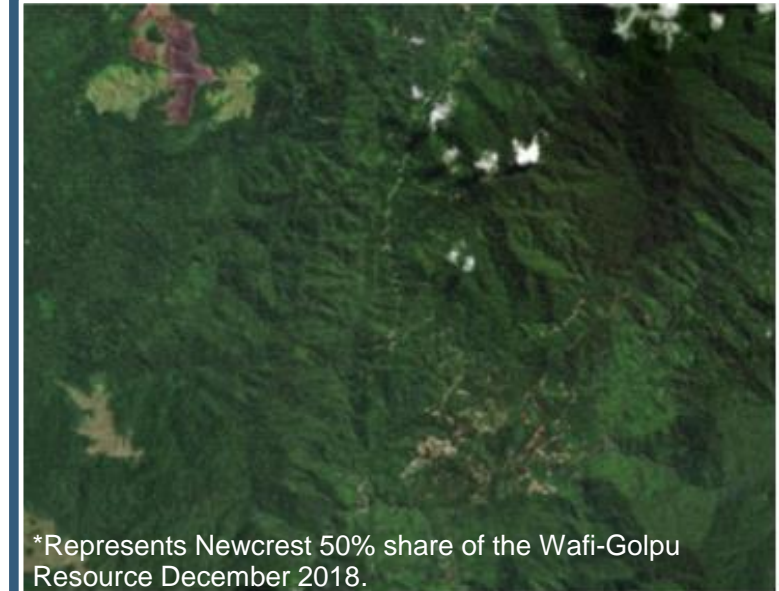
**Gosowong - 6.6Moz Au\***



**Telfer – 20Moz Au\***



**Wafi-Golpu – 13Moz Au\***



\*Total Mineral Endowment is past production sourced from Newcrest Annual reports and/or Mineral Resource from "Annual Mineral Resources and Ore Reserves Statement –31 December 2018" dated 14 February 2019.

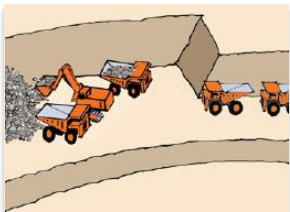
\*Represents Newcrest 50% share of the Wafi-Golpu Resource December 2018.

# Mining Capabilities



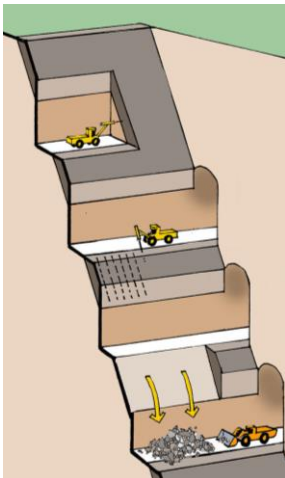
Able to mine and process all forms of gold and copper orebodies

*Lihir, Telfer*



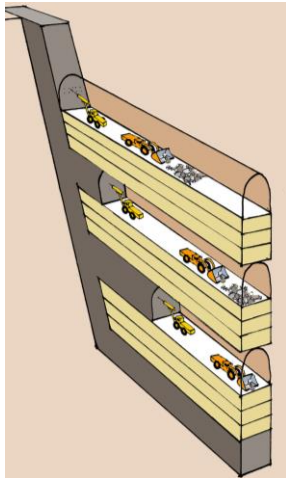
**Open Pit**

*Telfer*



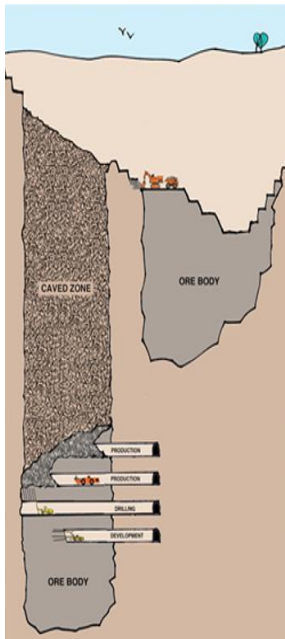
*Reef*

*Gosowong*



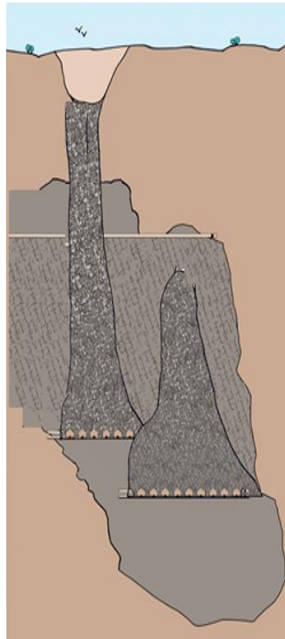
*Narrow Vein*

*Telfer*



*Sublevel Caving*

*Cadia*



*Block Caving*

**Selective Underground**

**Bulk Underground**

**Processing**

*Large scale comminution  
Copper-gold flotation*

*Pressure oxidation  
Cyanide & carbon in leach*

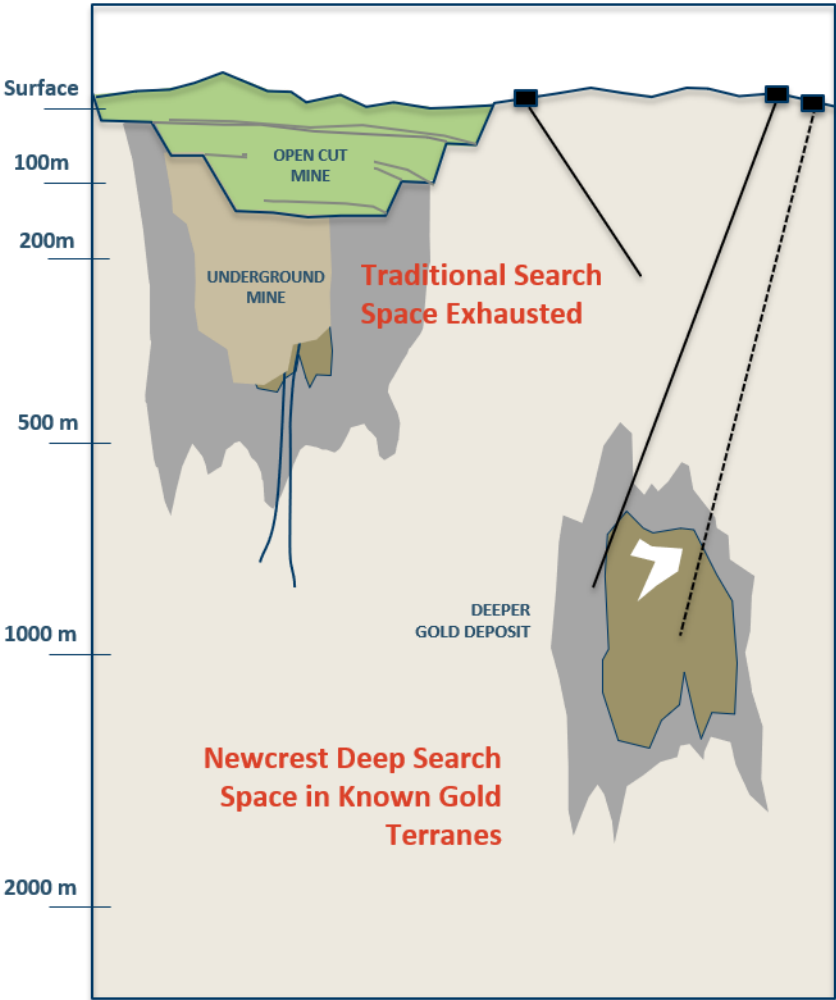
# Mining Capabilities



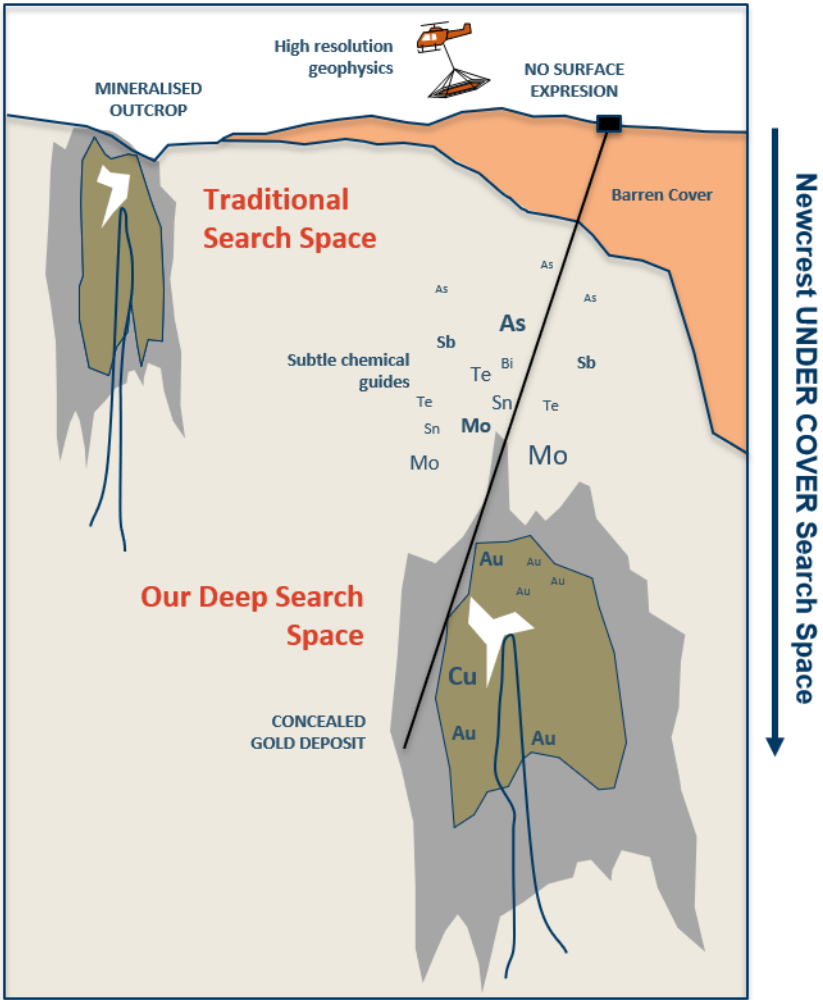
Unique search space, more opportunities

## 1. Looking deeper in outcrop areas

Cross Section (Not to Scale)



## 2. Exploring under cover



Newcrest's unique mining capabilities opens up all search spaces

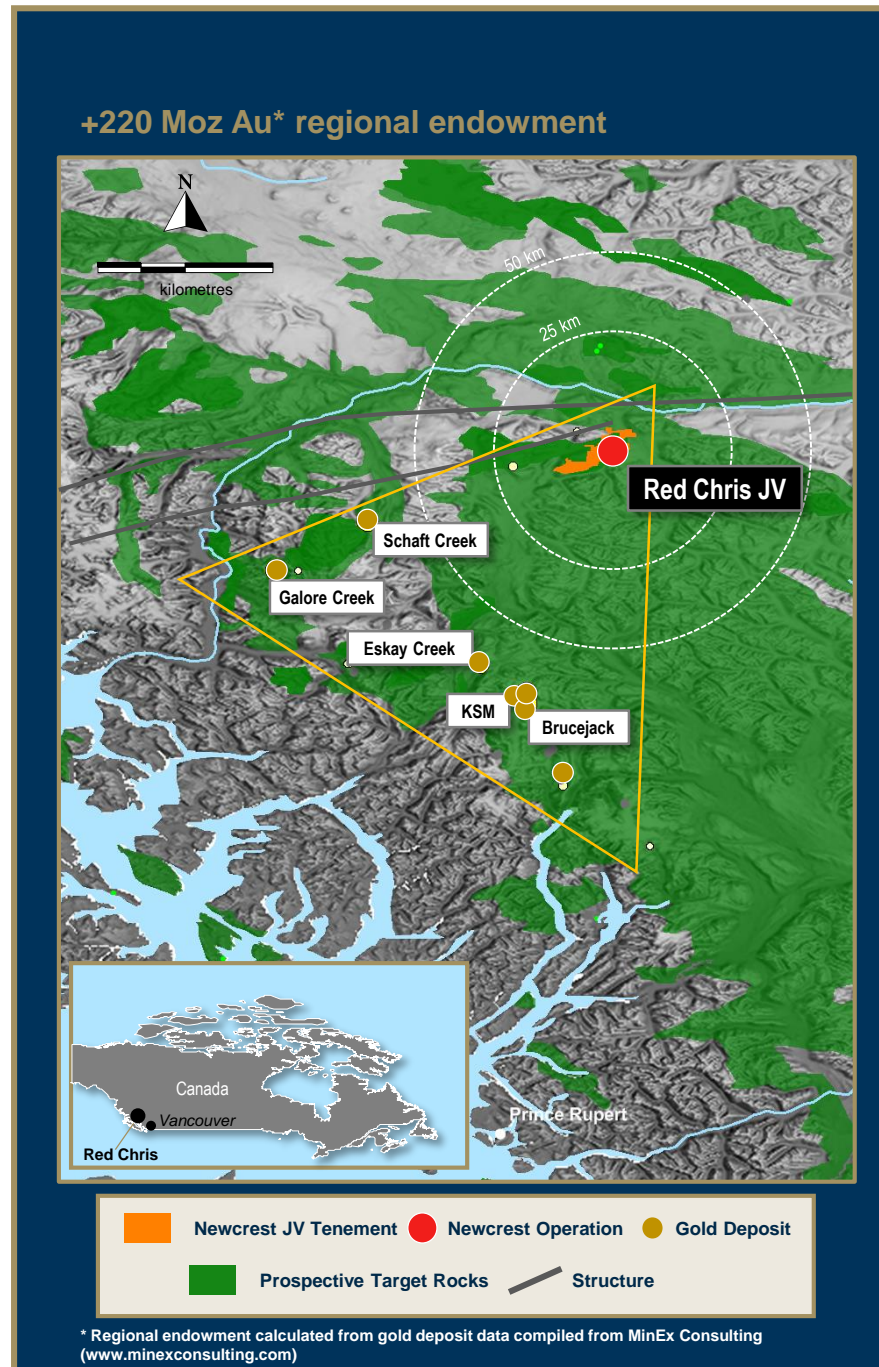


# Mining Capabilities

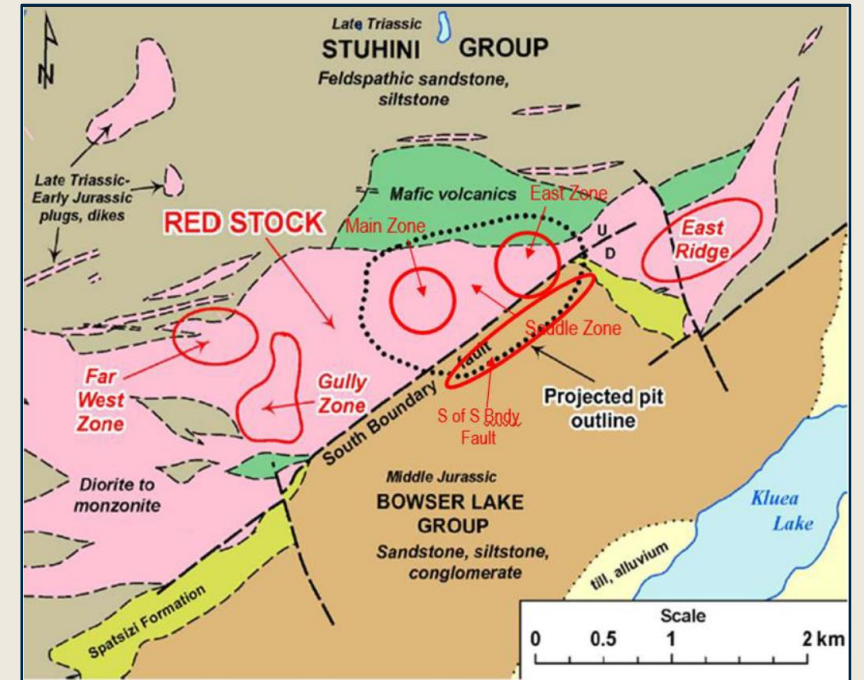


## Newcrest's unique capabilities may unlock hidden value at Red Chris

The information on this slide relates to the Mineral Resource estimates of Imperial and is based on the "National Instrument 43-101 Technical Report" dated 30 September 2015 and filed by Imperial on SEDAR ([www.sedar.com](http://www.sedar.com)) in accordance with National Instrument 43-101 as required by Canadian securities regulatory authorities. The estimates of the Imperial Mineral Resources contain Measured and Indicated Mineral Resources of 1.0Bt at 0.35 g/t Au and 0.35% Cu for 12Moz contained gold and 8.0Blb contained copper and Inferred Mineral Resources of 0.7Bt at 0.32 g/t Au and 0.29% Cu for 8.1Moz contained gold and 5.0Blb contained copper (Data reported to two significant figures and this may cause discrepancies in totals). See also Red Chris foreign estimates – clarifying statements in the disclaimers of this presentation.



## Red Chris



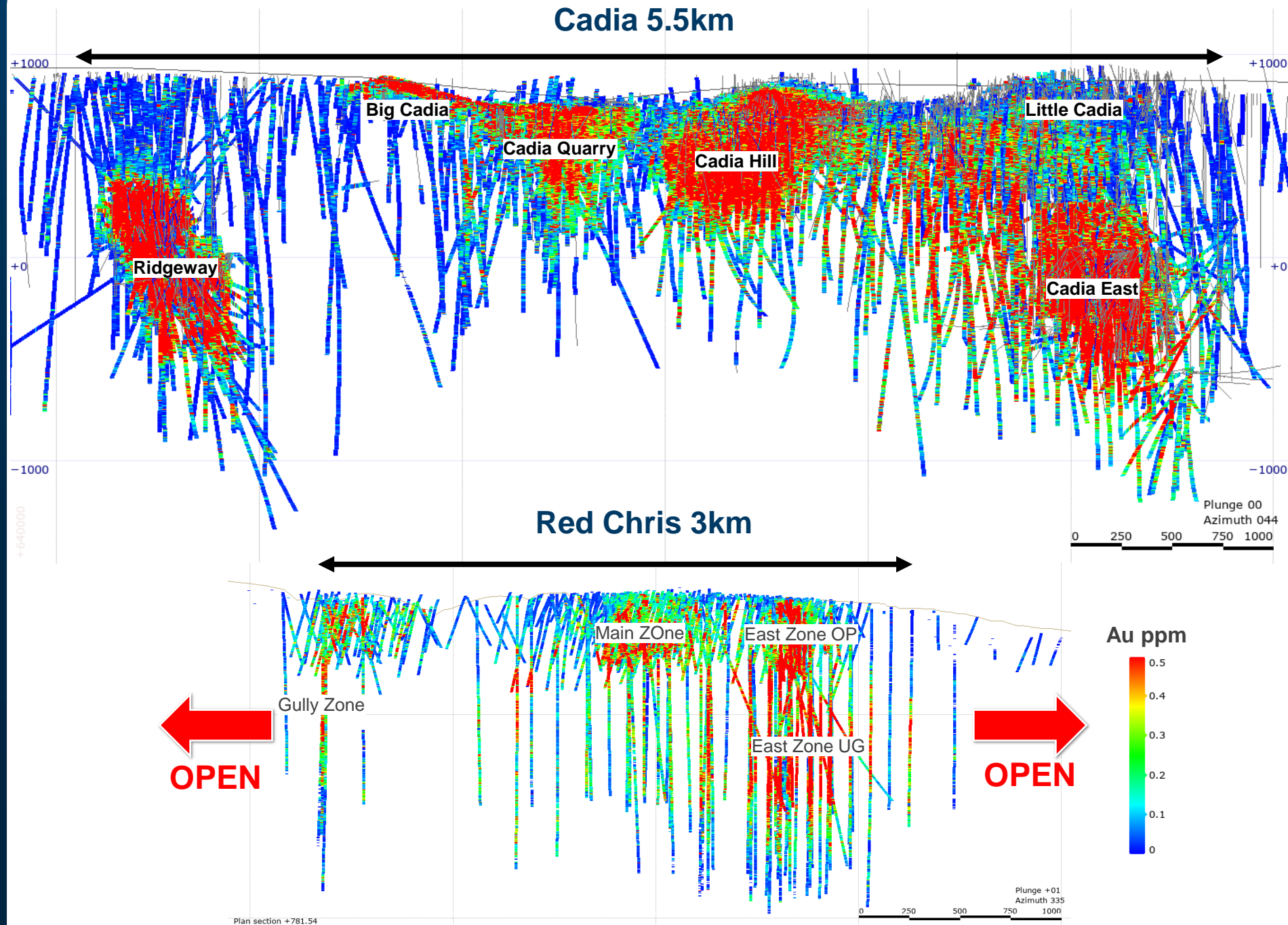
- **Large metal endowment > 20Moz Au and 13Blbs Cu**
- **Presence of high grade mineralisation amenable to bulk underground mining**
- **Potential for additional high grade discoveries**
  - East Zone and Main Zone
  - Gully/Far West
  - East Ridge



# Mining Capabilities



Significant exploration upside potential at Red Chris



# Exploration Technology & Innovation



Delivering real  
time analytics  
and predictive  
targeting

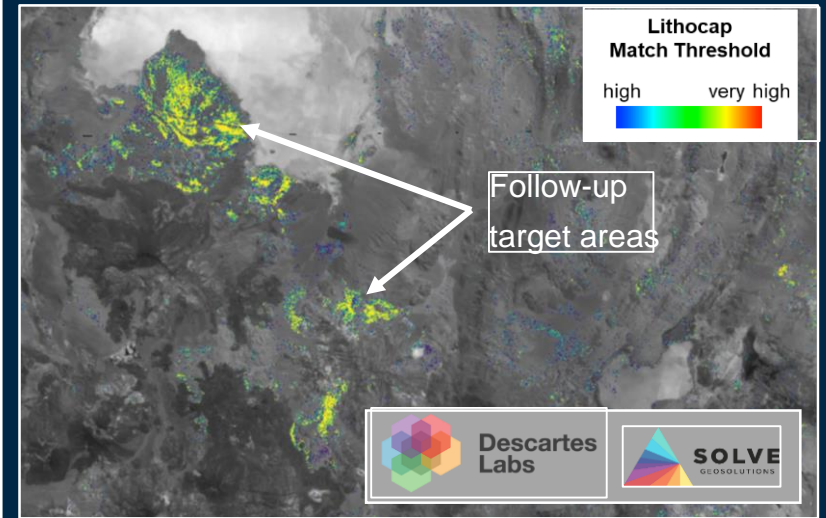


## Faster Exploration

Foster Key Technology Partnerships

Real-time analytics: chemistry  
(Truscan) and multi-spectral  
(Corescan)

Data collected from multiple sensors,  
analytics translate data into simplified  
trends, insights optimise drill target in  
real-time



## Ground Selection & Predictive Discovery

Leveraging technology used in other  
industries i.e. agriculture, defence and  
apply to mineral exploration

Building global remote sensing imagery  
products for mineral mapping at country-  
scale

Data fusion with geology & geophysics  
layers for machine-learning based  
predictive targeting



# Exploration Technology & Innovation



Real time  
decision  
making



Data collected  
from multiple  
sensors

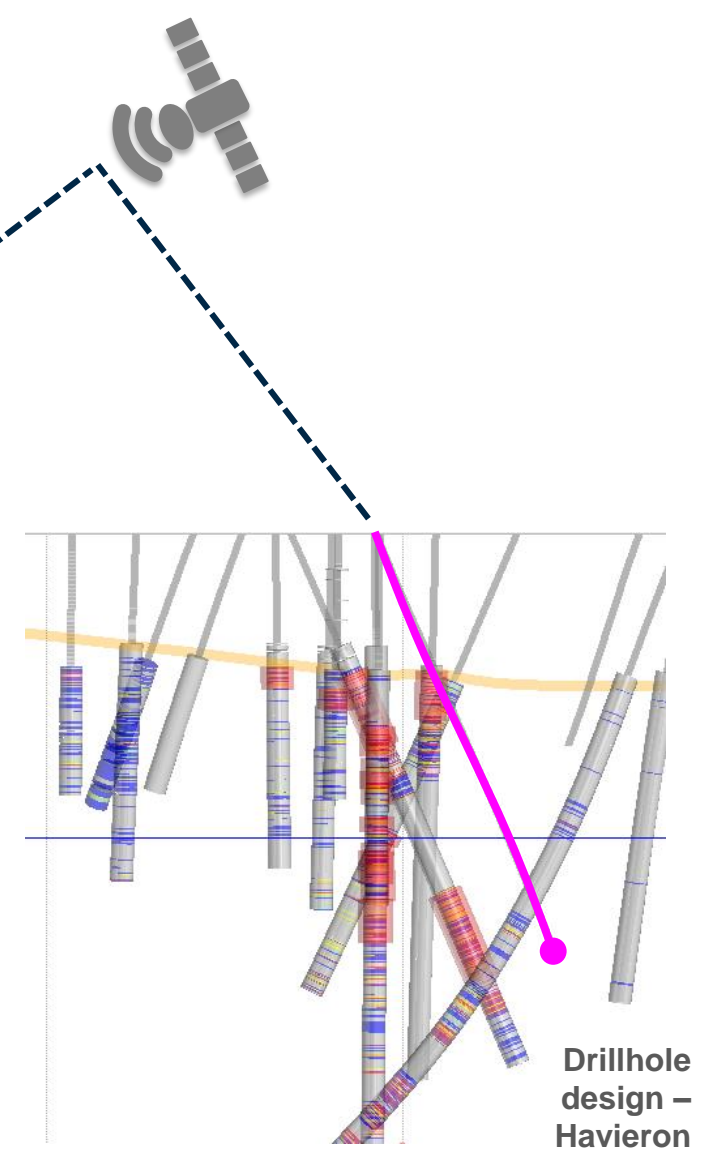
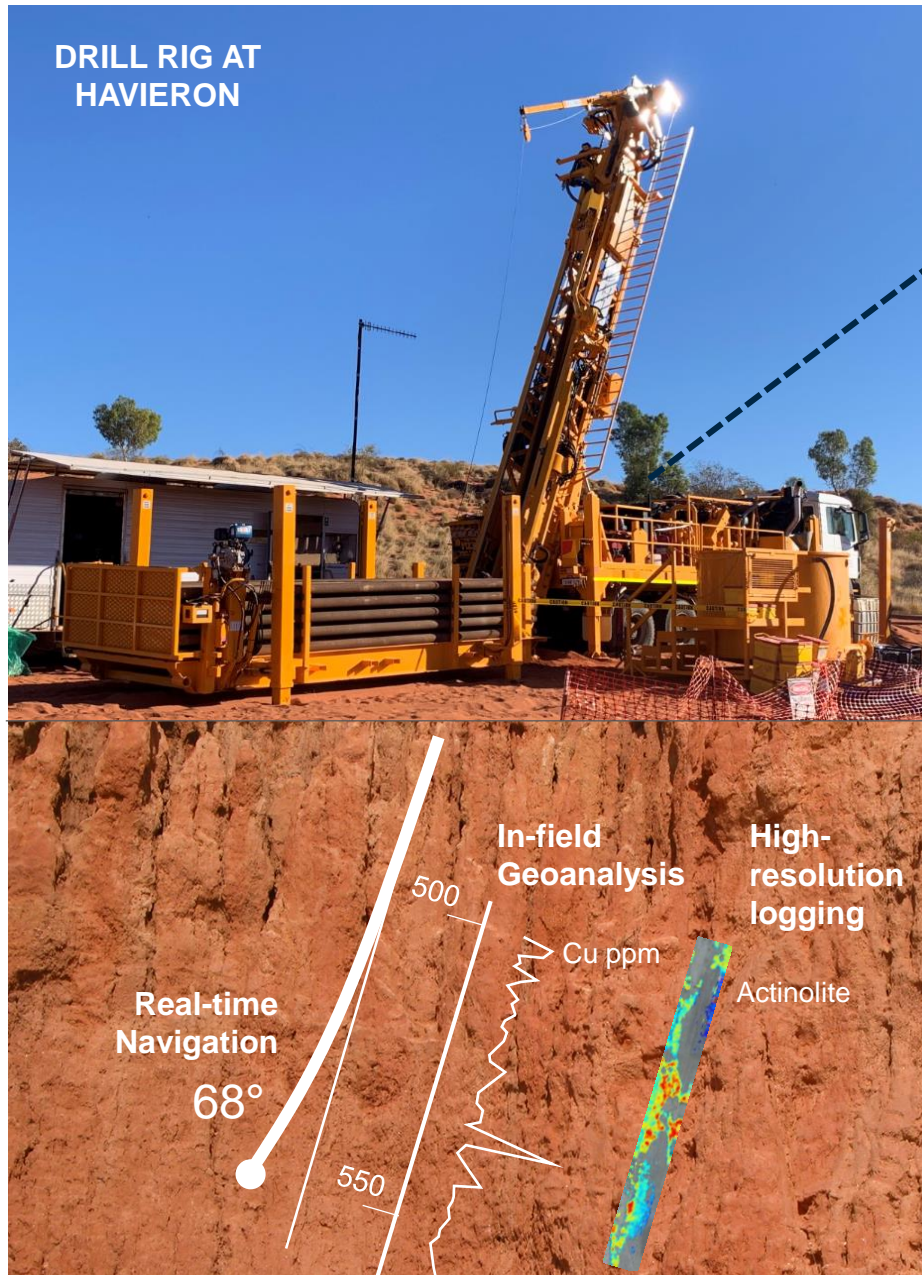


Analytics translate  
data into simplified  
trend



Optimisation of  
target in real-time

DRILL RIG AT  
HAVIERON



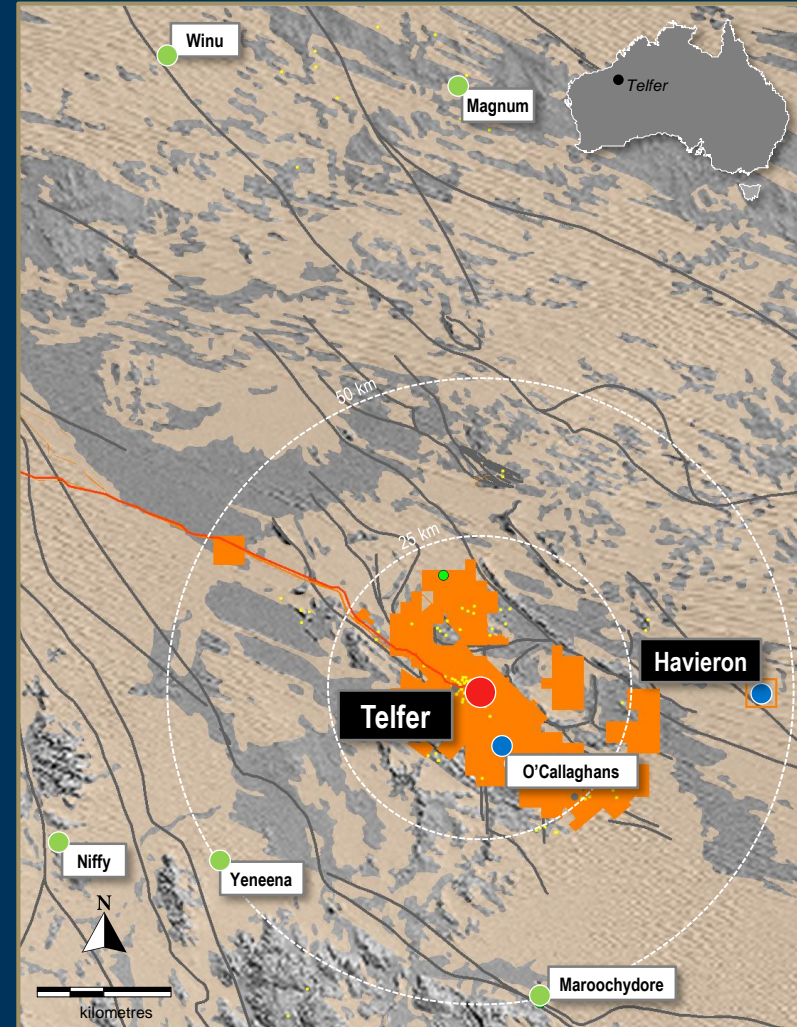
# Exploration Technology & Innovation



Unlocking value through existing Newcrest infrastructure

The information in this slide that relates to Exploration Results at Haveron has been extracted from the release titled "Quarterly Exploration Report" dated 25 July 2019.

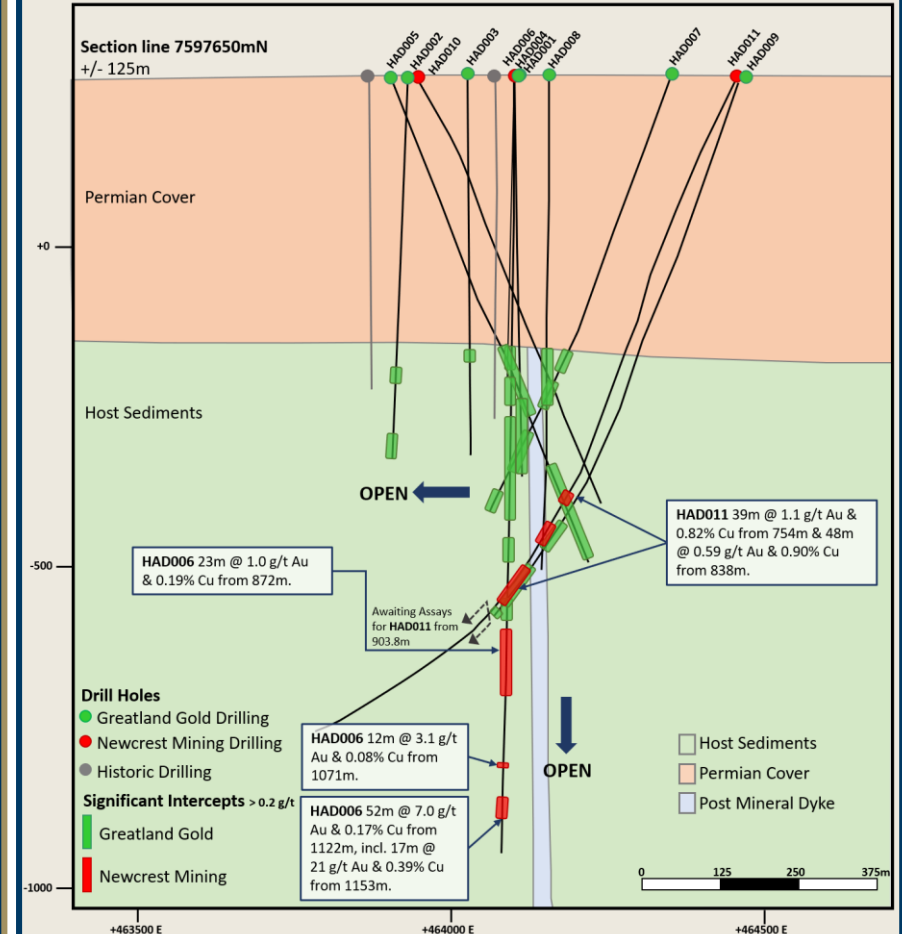
+27 Moz Au\* regional endowment



Cover
  Newcrest Tenement
  Structure
  Newcrest Operation
  Gold Deposit/Occurrence
  Copper Deposit
  Newcrest Project

\* Regional endowment calculated from gold deposit data compiled from MinEx Consulting (www.minexconsulting.com)

## Haveron



- Located 45km east of Telfer
- Potential high grade mill feed zone for Telfer
- Mineralisation open along strike and depth.
- Drilling to assess for a Newcrest size target underway.



# Exploration Technology & Innovation



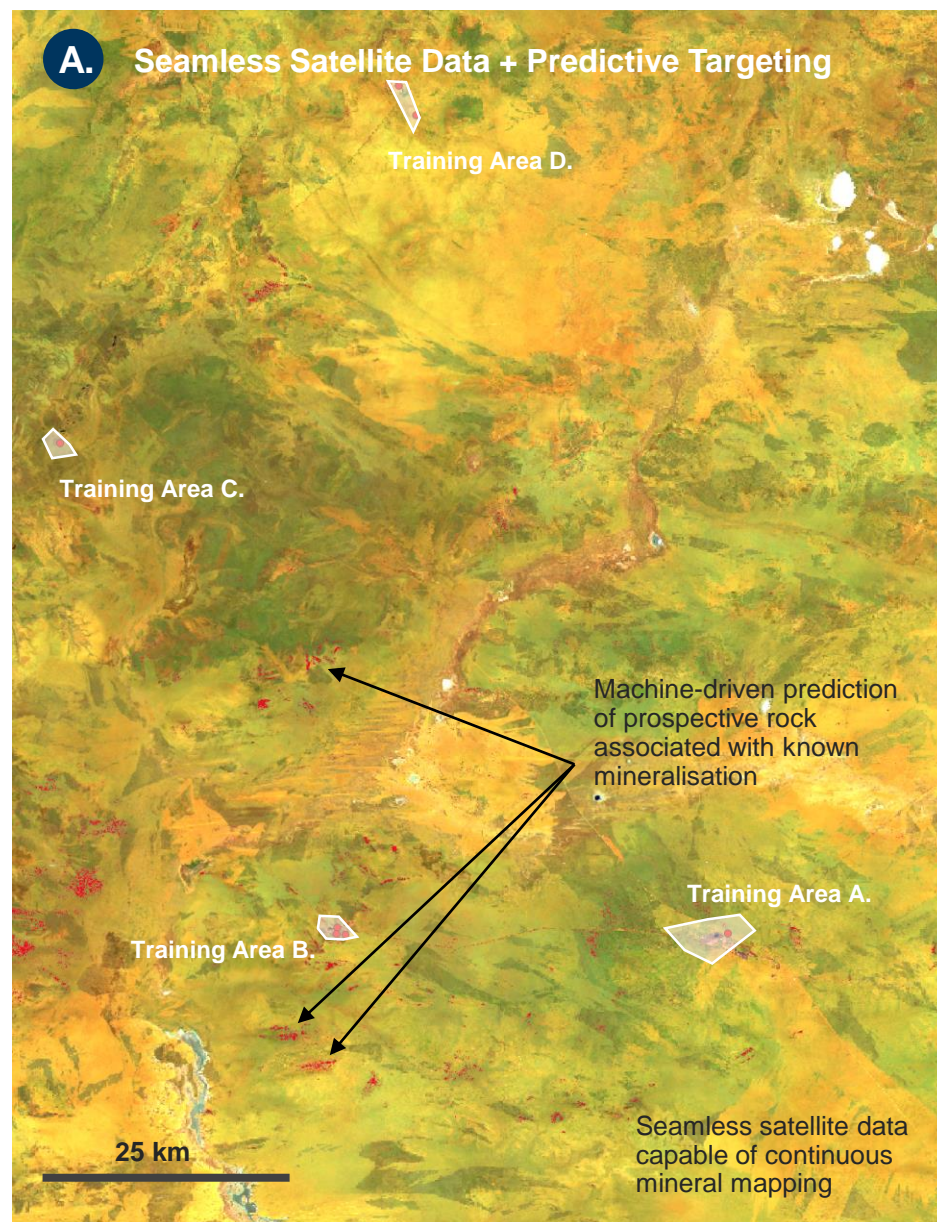
## Predictive targeting



Seamless  
country-scale  
mineral mapping

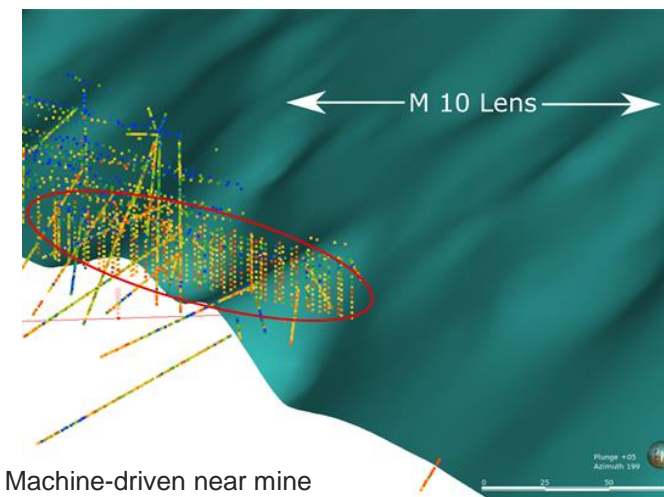
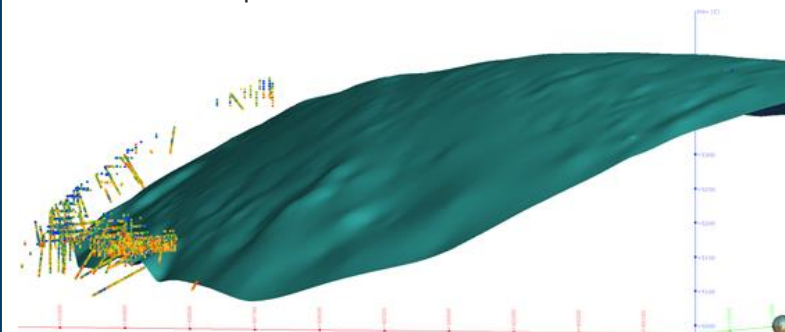


Machine-driven  
geology-led  
predictive  
targeting



## **B. Near Mine Predictive Targeting**

Machine-driven clustering of Telfer footprint

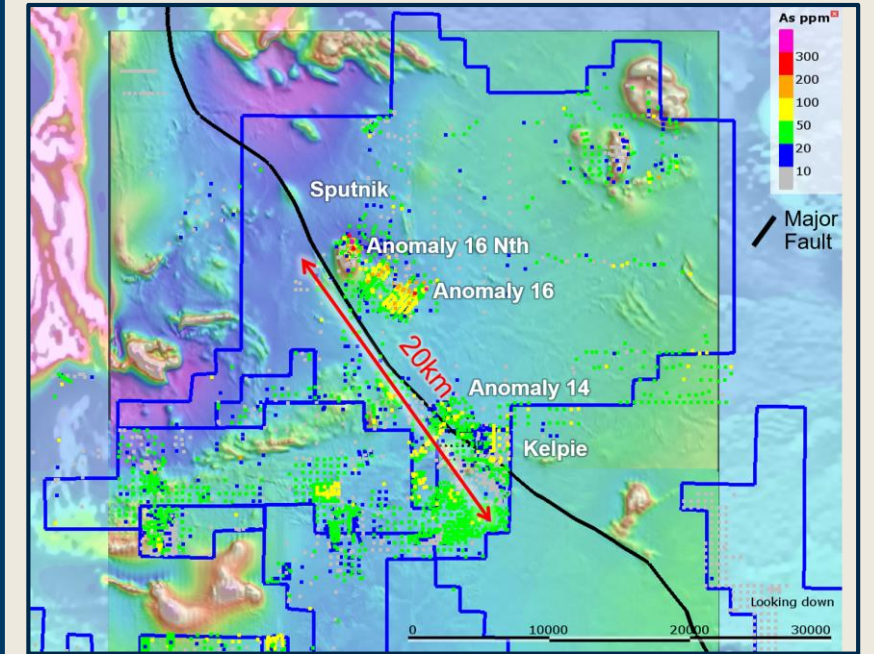
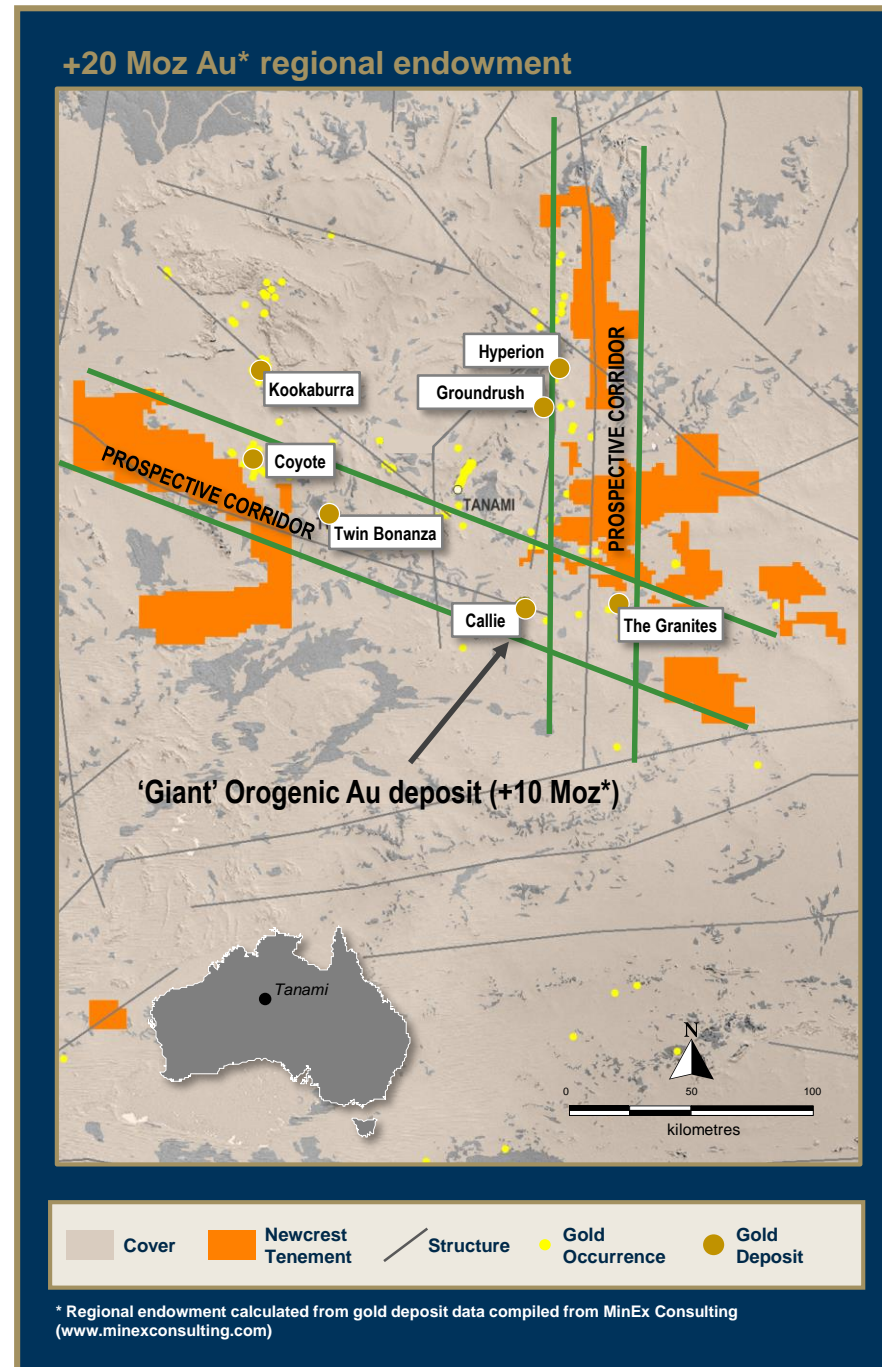




# Exploration Technology & Innovation



Tanami Australia  
- next generation  
of discoveries  
under cover



- **Australia's forgotten gold province –**  
major gold province >20Moz Au\*
- **Under explored – obscured by**  
shallow cover, potential for under  
cover discoveries
- **Large tenement holding – covers**  
major prospective corridors, portfolio  
of early stage targets



# Newcrest Partner of choice

Leveraging off our  
strengths to  
deliver new  
discoveries



Partners

## Newcrest's Strengths



Exploration  
Expertise



Mining  
Capabilities



Exploration  
Technology &  
Innovation



New Discoveries



# Miner of choice™

Invest in Newcrest

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## Announcements

**2018/2019 Half Year Financial Results**

14 February 2019

**Newcrest to divest Séguéla for \$30m**

12 February 2019

**December 2018 Quarterly Report**

30 January 2019

**Wafi-Golpu Memorandum of Understanding**

## Profile

Newcrest is one of the world's largest gold mining companies. We safely deliver superior returns to our stakeholders from finding, developing and operating gold and copper mines.

We are committed to maintaining a safe environment for our people, operating and developing mines sustainably in line with our environmental standards, and building lasting relationships with the communities in which we operate. Our vision is to be Miner of Choice for our people, shareholders, host communities, partners and suppliers.

## Share price

AU\$25.44 as at 20/2/2019 18:59

Open AU\$25.44 High AU\$25.44

Close AU\$25.44 Low AU\$25.44

Change  $\uparrow$  \$0.00 / 0.00%

Volume 0



Find out more:  
[www.newcrest.com.au](http://www.newcrest.com.au)



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MacBook Air