



To: **Company Announcements Office**
From: **Francesca Lee**
Date: **4 September 2019**
Subject: **Northern Territory Mining Investment Conference**

Attached for release to the market is a presentation to be given by Fraser MacCorquodale, General Manager Exploration, at the Northern Territory Mining Investment Conference in Darwin on 4 September 2019.

Yours sincerely

A handwritten signature in blue ink, appearing to read 'Francesca Lee'.

Francesca Lee
Company Secretary

NEWCREST

Exploration Edge

Fraser MacCorquodale
General Manager - Exploration



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.

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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 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.

Newcrest Exploration Edge

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*



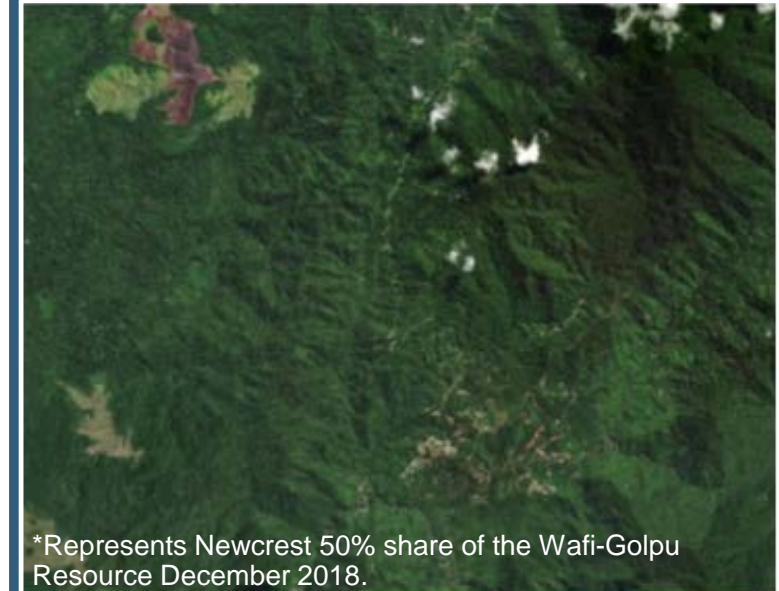
Gosowong - 6.6Moz Au*



Telfer – 20Moz Au*



Wafi-Golpu – 13Moz Au*



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

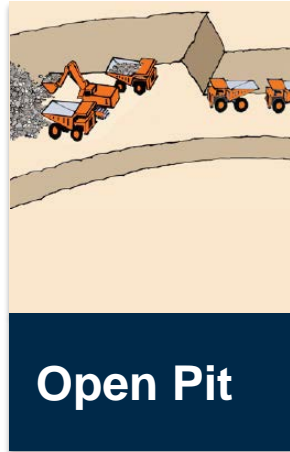
*Total Mineral Endowment is past production sourced from Newcrest Annual reports and/or Mineral Resource from "Annual Mineral Resources and Ore Reserves Statement –31 December 2018" dated 14 February 2019.

Mining Capabilities



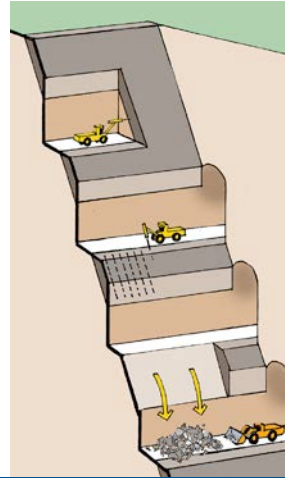
Able to mine and process all forms of gold and copper orebodies

Lihir, Telfer



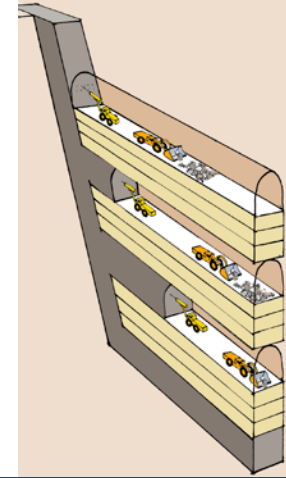
Open Pit

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*

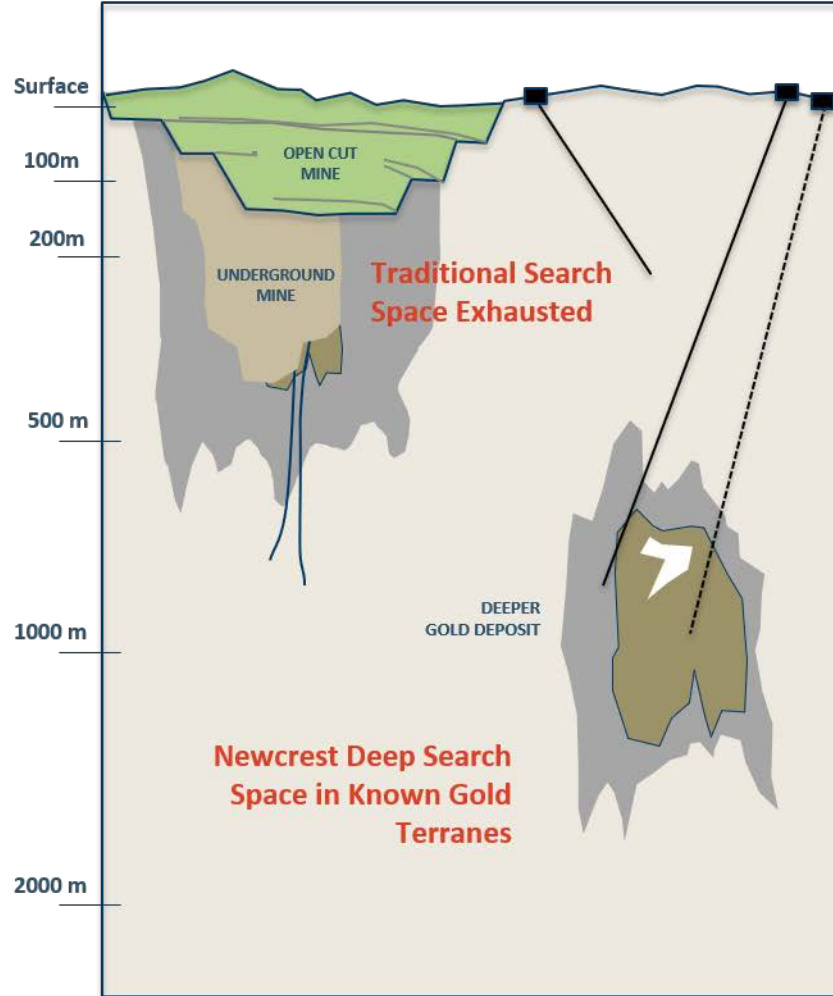
Mining Capabilities



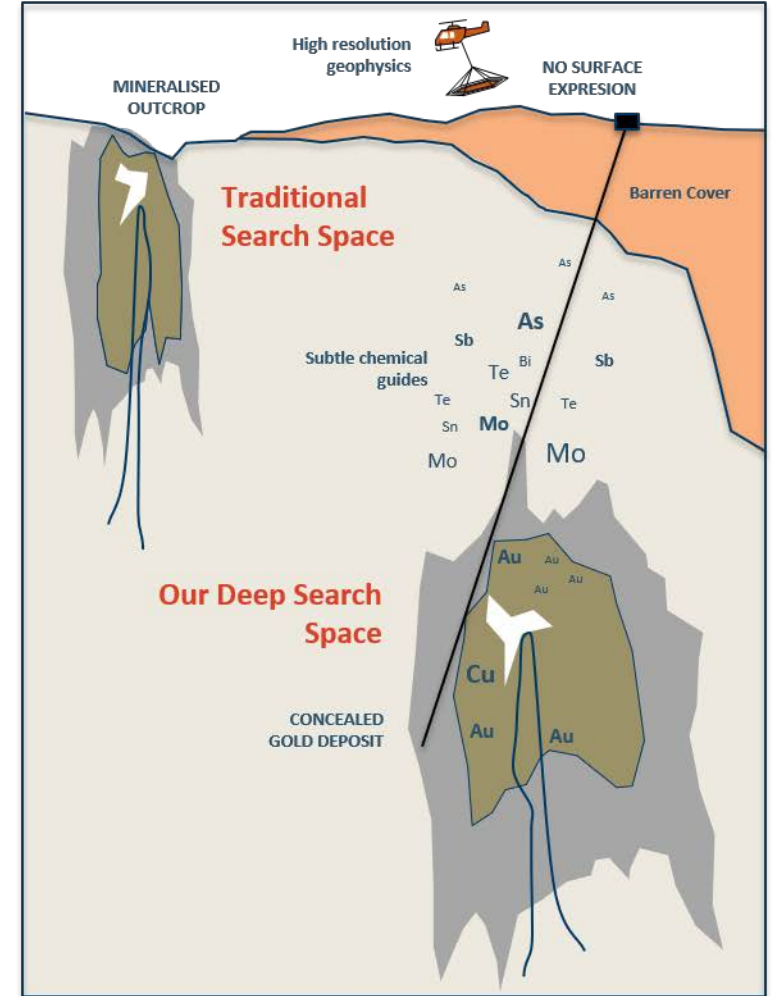
Unique search space, more opportunities

1. Looking deeper in outcrop areas

Cross Section (Not to Scale)



2. Exploring under cover

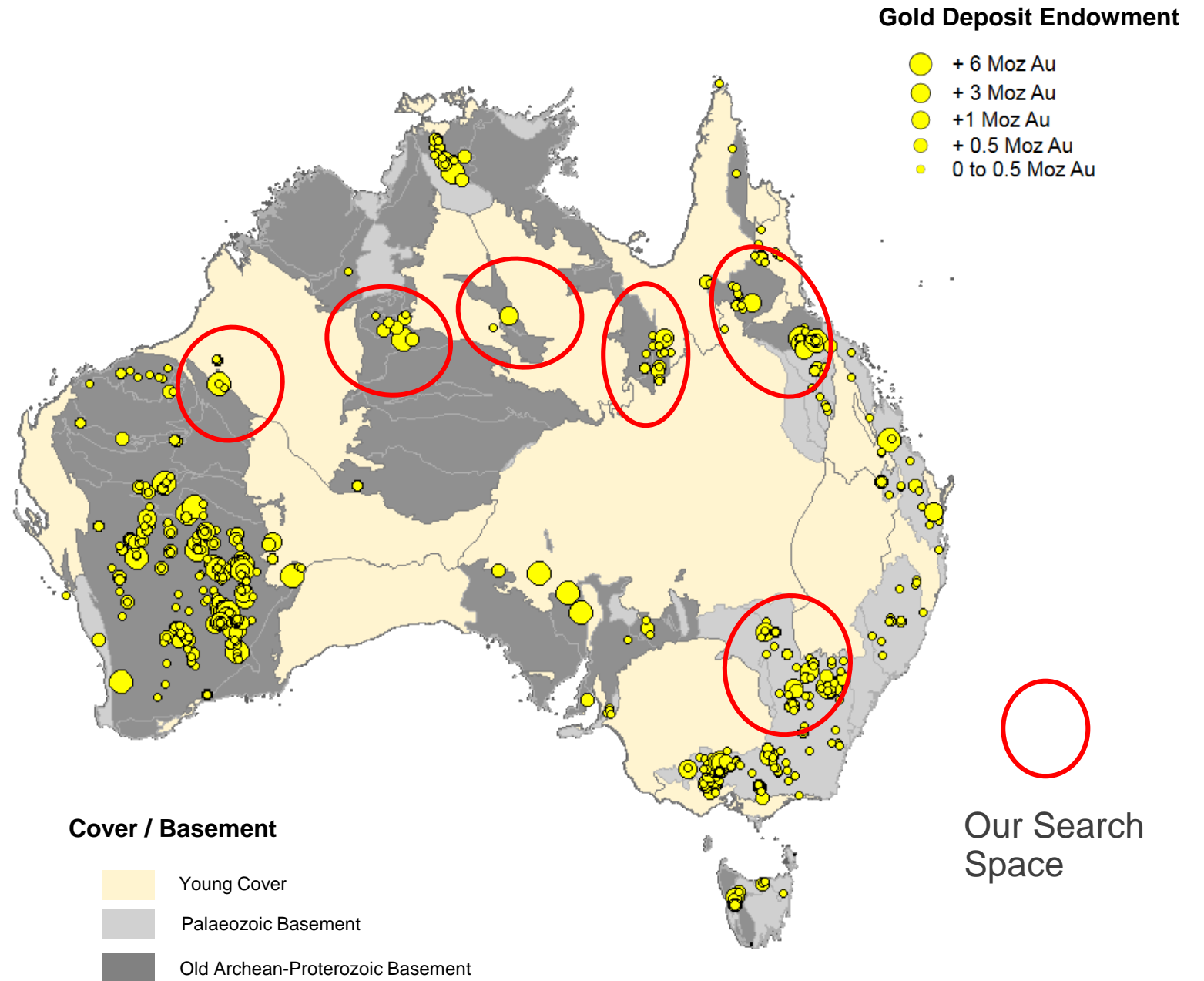


Newcrest's unique mining capabilities opens up all search spaces

Mining Capabilities



Looking deeper in Australia opens new opportunities

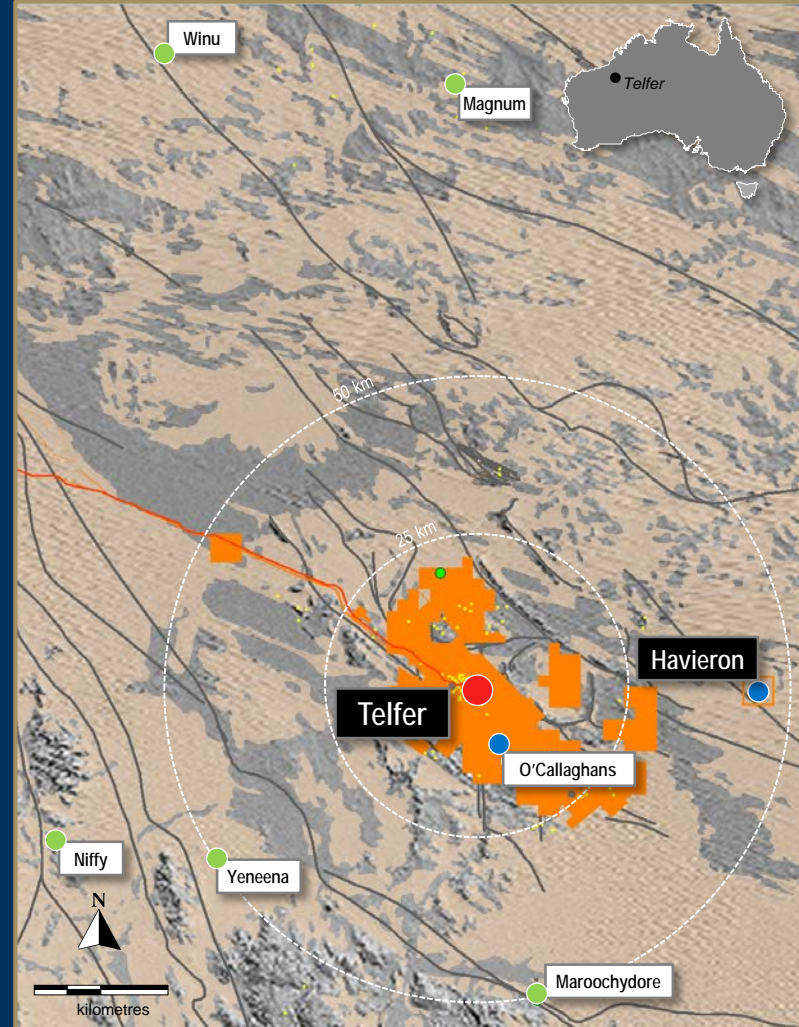


Mining Capabilities



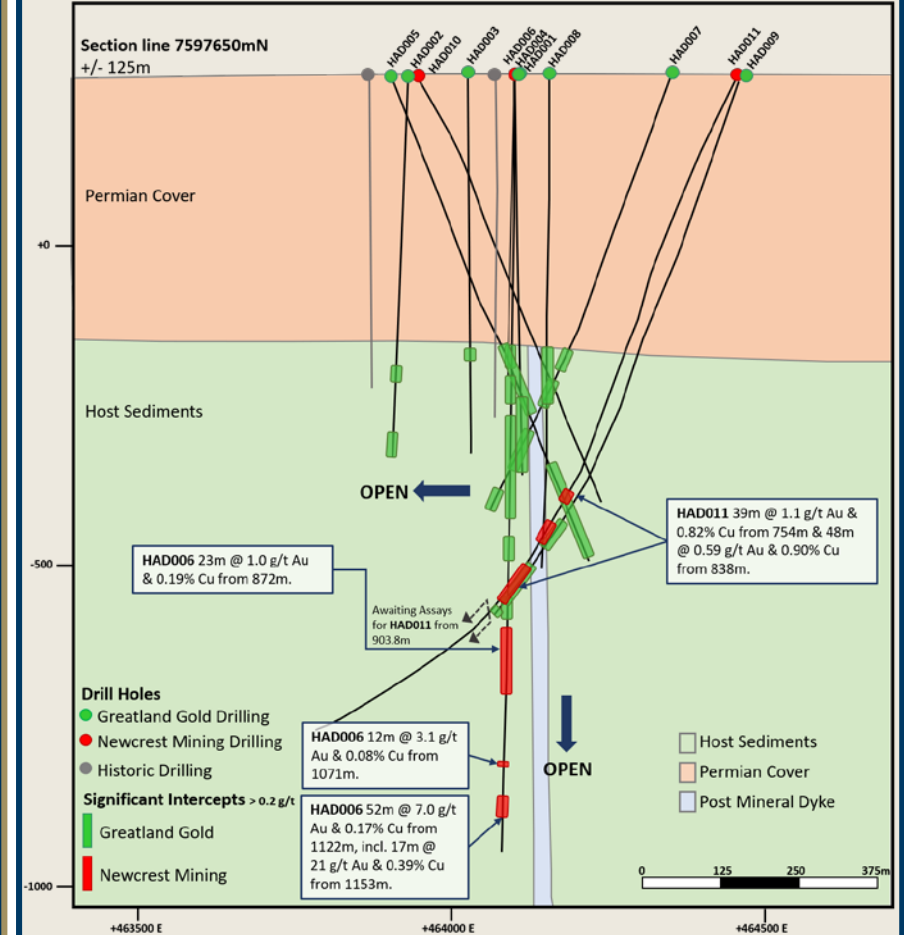
Unlocking value through our mining and exploration capability at Haveron

+27 Moz Au* regional endowment



* 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



Delivering real
time analytics
and predictive
targeting

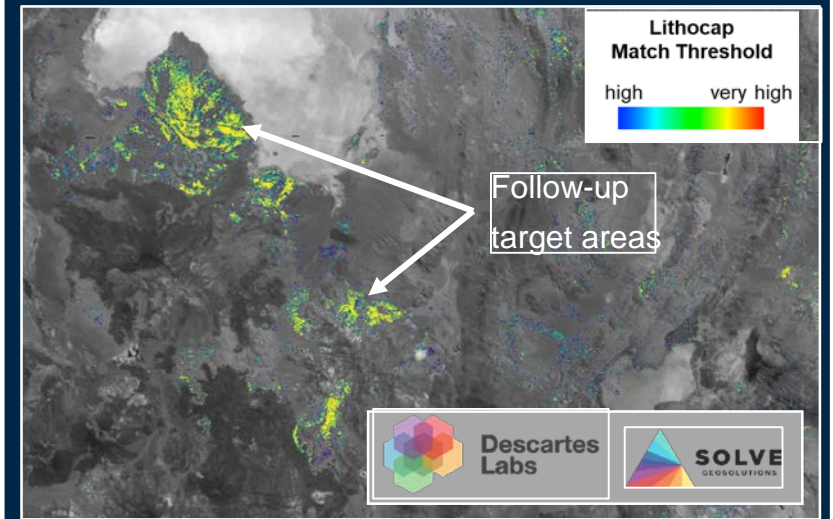


Faster Exploration

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



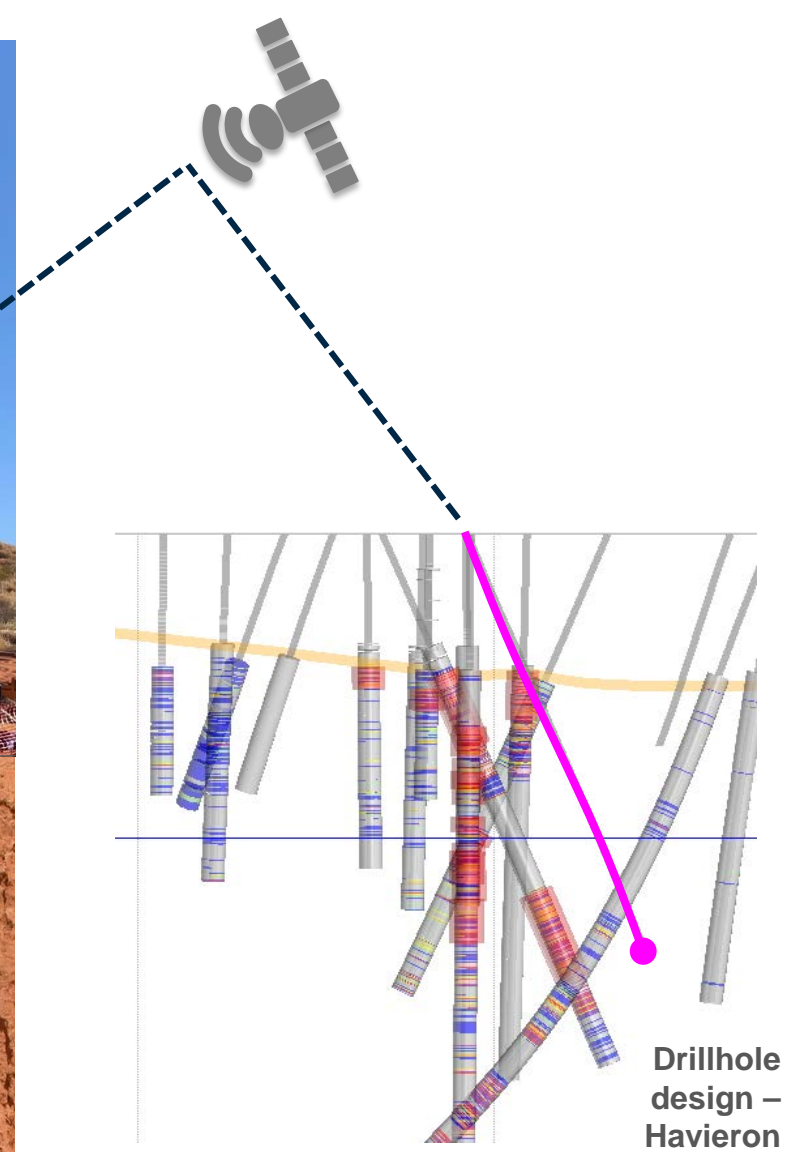
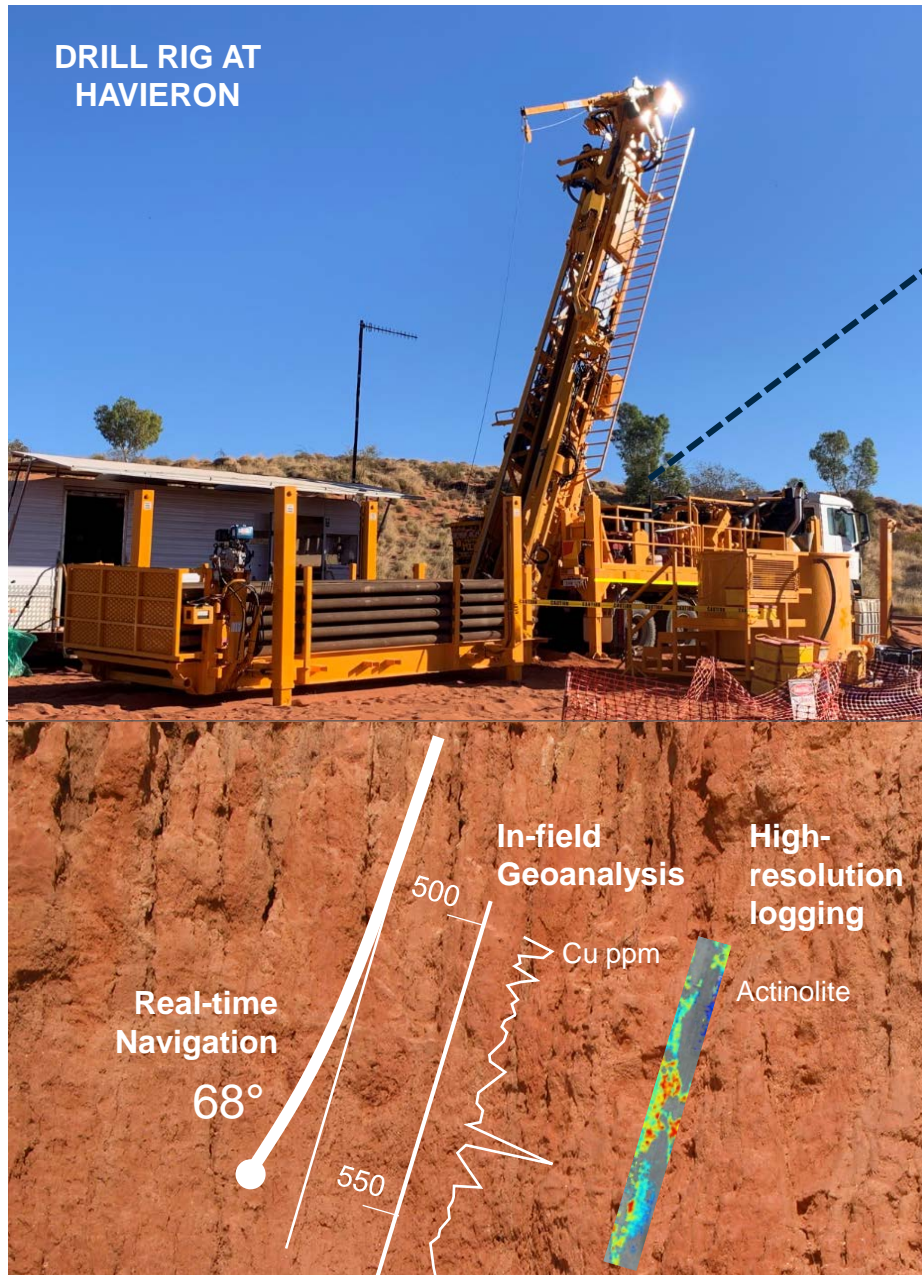
Data collected
from multiple
sensors



Analytics translate
data into simplified
trend



Optimisation of
target in real-time



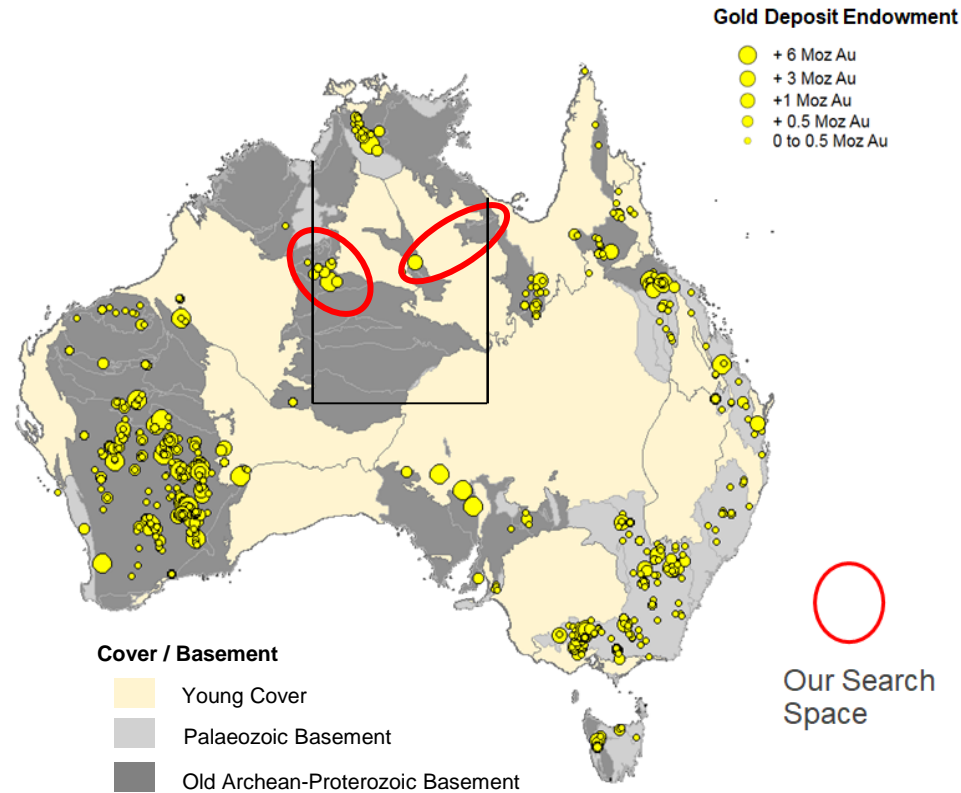
Exploring the NT

Emerging Province Opportunities (Tanami – Tennant East)

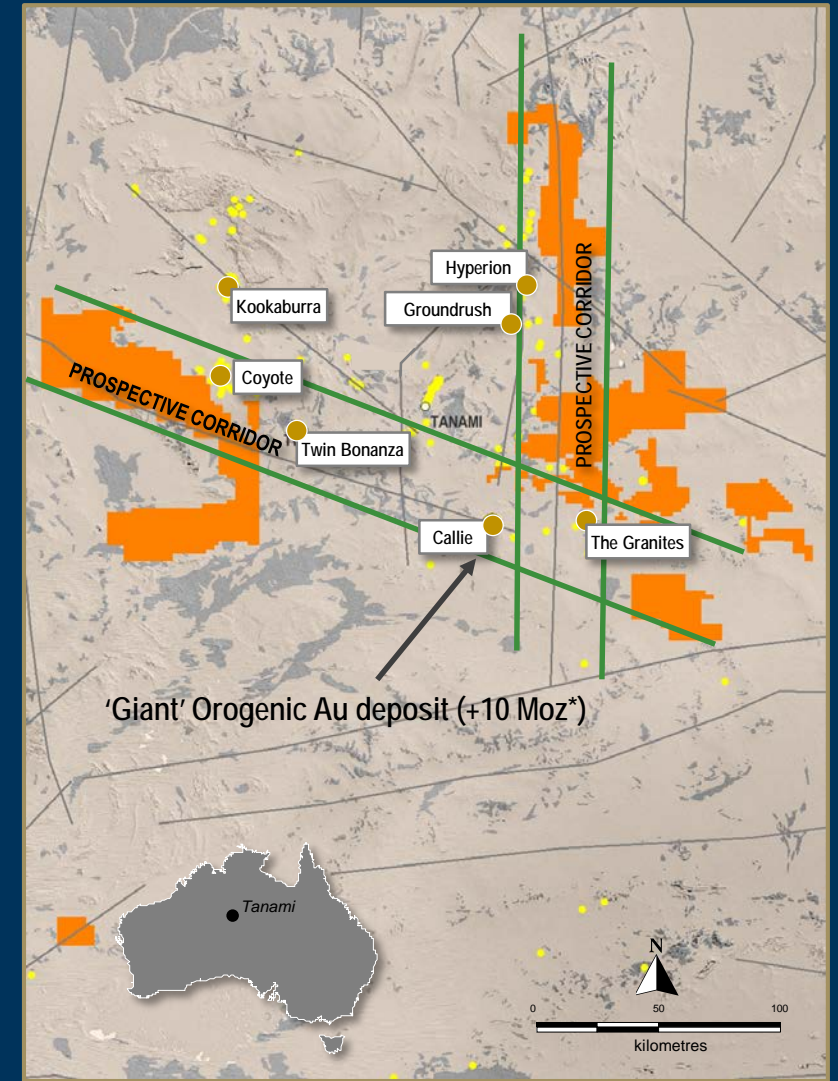
Proven Regional Gold Endowment

Under explored provinces – cover overlying prospective basement

Tier 1 gold asset potential (Eg. Callie)



+20 Moz Au* Regional Endowment

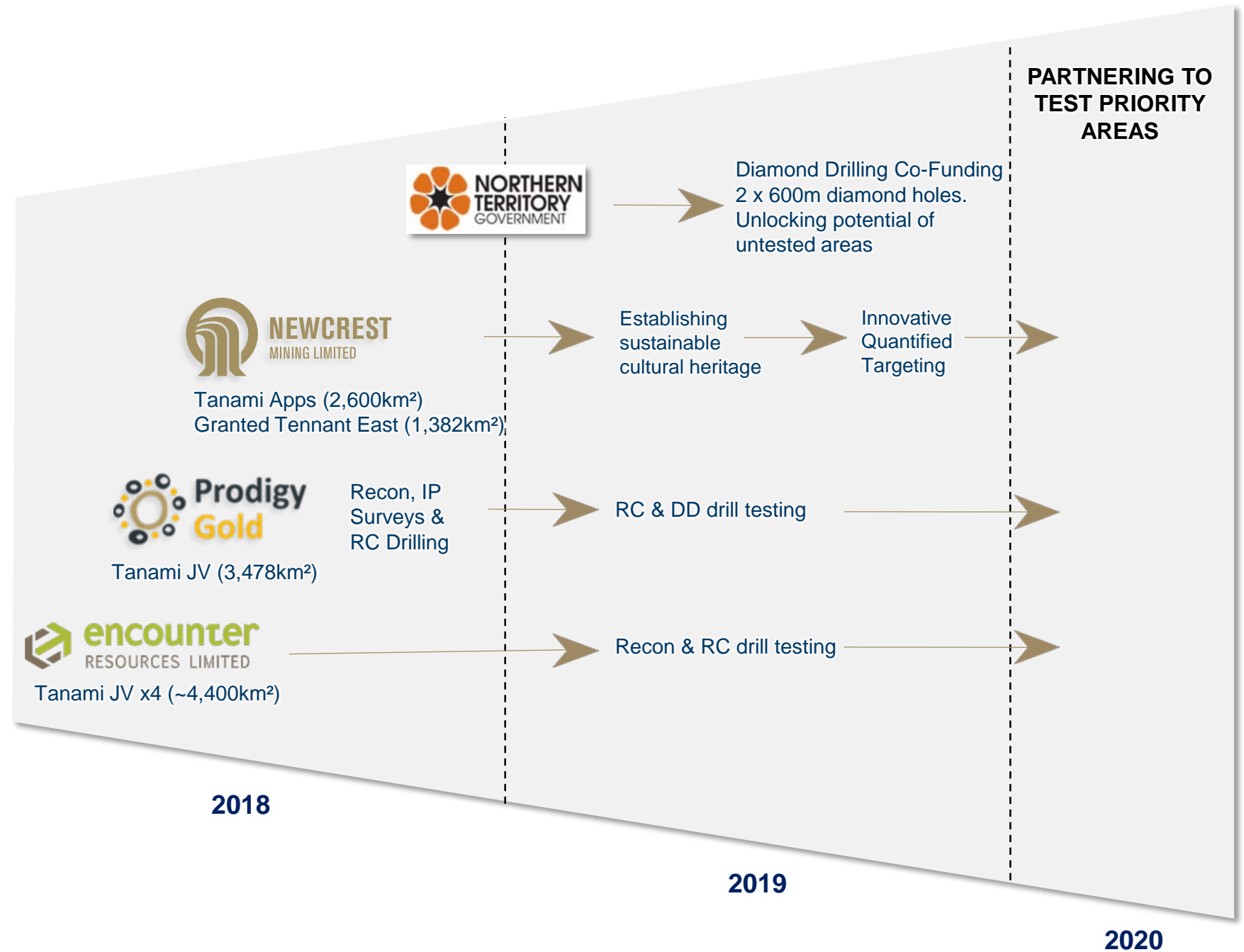


* Regional endowment calculated from gold deposit data compiled from MinEx Consulting (www.minexconsulting.com)

Exploring the NT

Partnering To Explore Deeper Earlier

Knowledge Build & Early Target Testing



Exploring the NT

Systematic Machine Driven Compilation



Global Remote Sensing Data



Innovative Exploration

Geological Knowledge

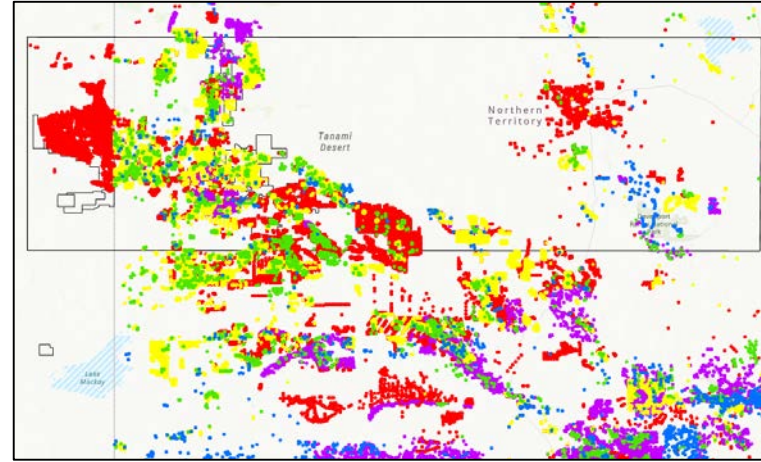
Rapid Scale Reduction & Province Assessment



Machine Learning Algorithms



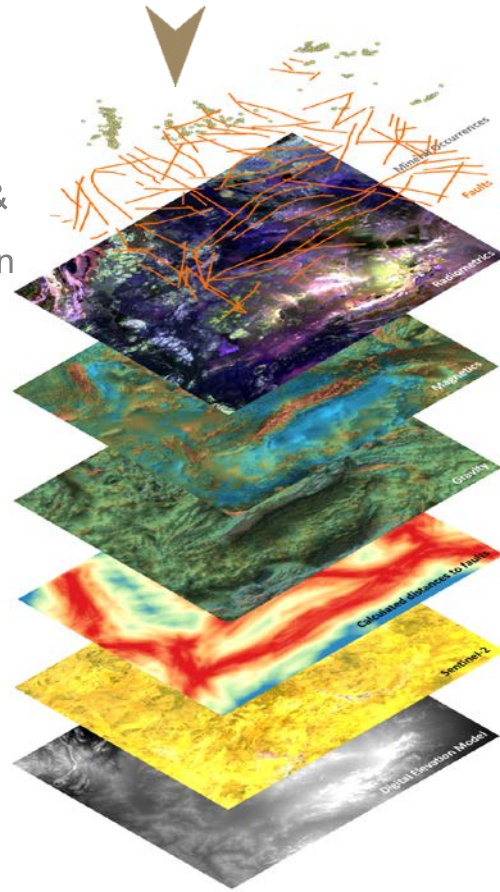
Quantified Targeting



Rapid Compilation & Data Cleansing

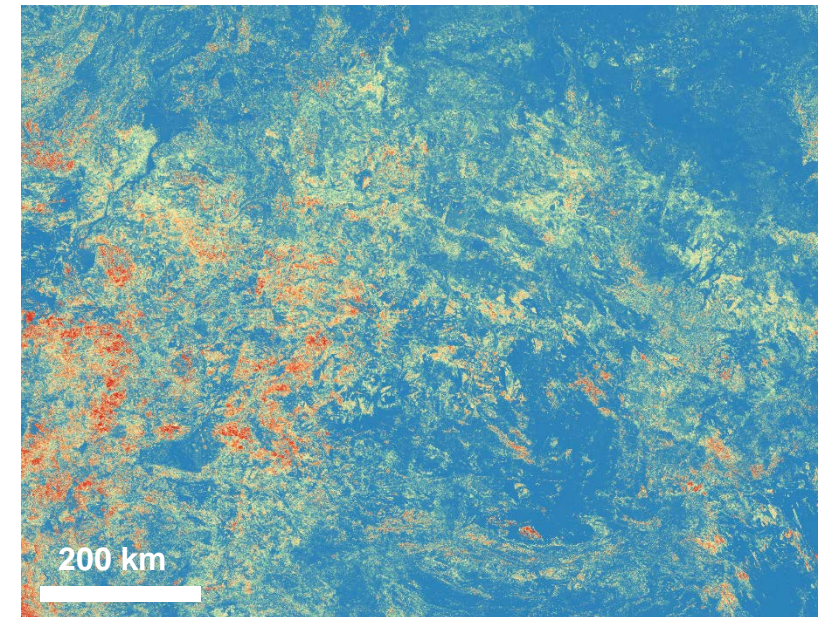
- Surface Geochemistry
- Drilling (All Analytes & Logging Translations)
- Local Geophysical Surveys
- Seamless Geology Maps
- Linking Reports

Data Fusion & Machine-driven Prospectivity



Predictive mineralisation model target generation in the Tanami

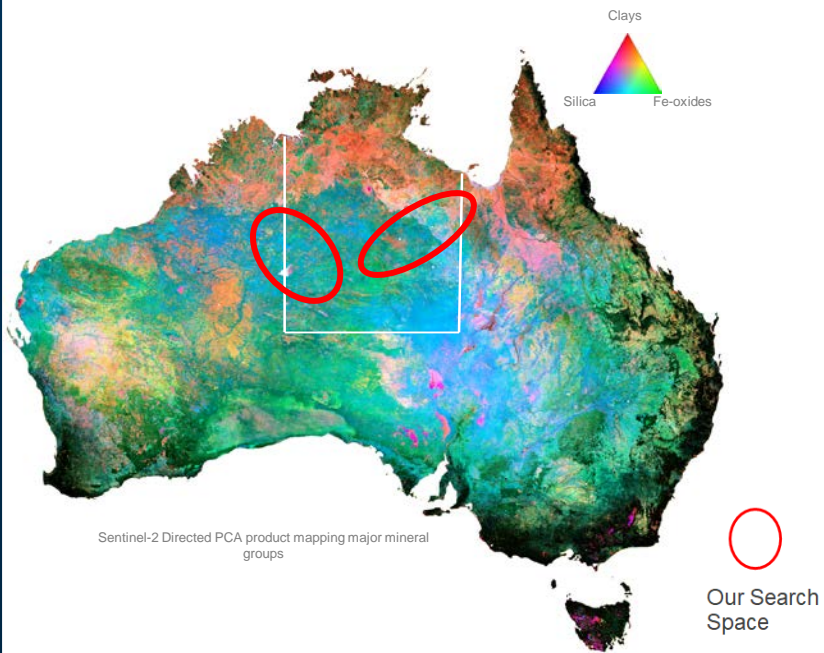
0% 100% Match Probability to signature of known mineralisation



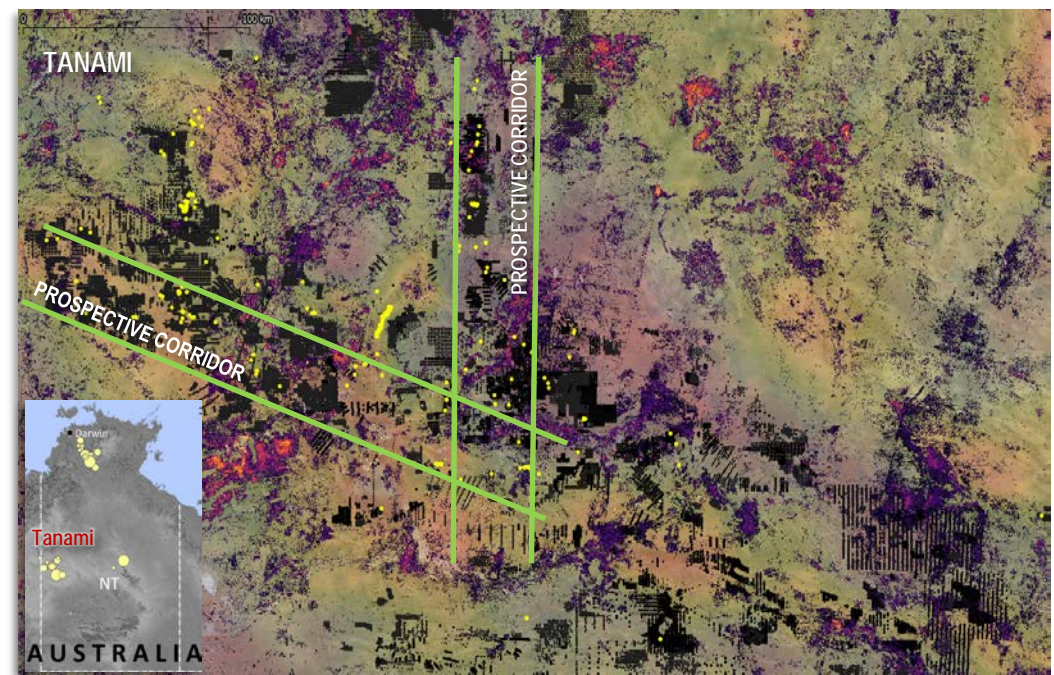
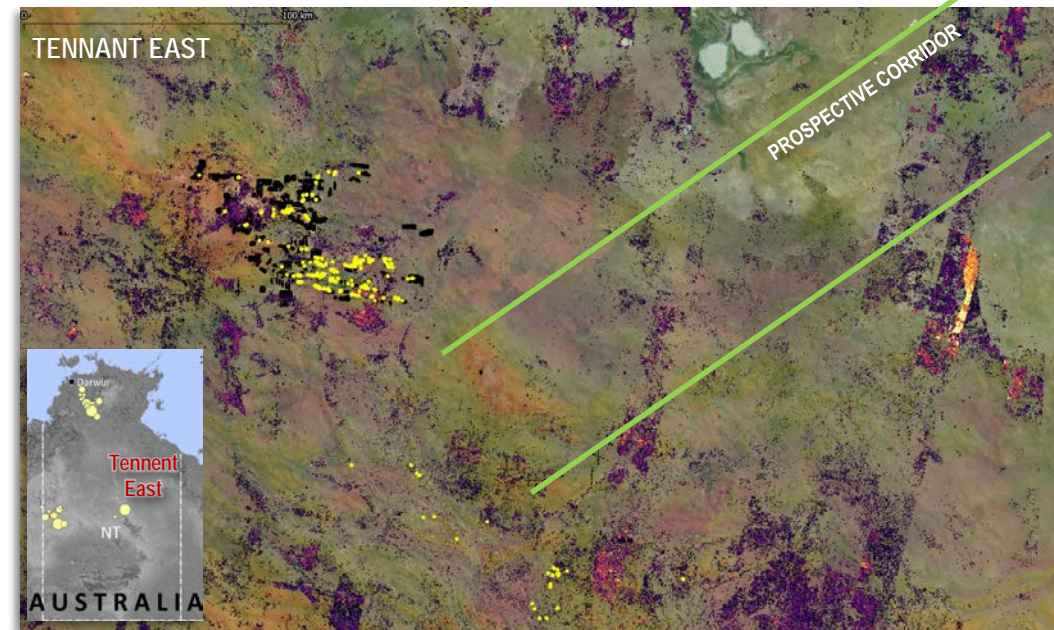
Exploring the NT

Identifying Opportunity

Areas of Explorable Cover



- Identifying quantified targets and trends
- Understanding cover and Newcrest edge
- Partnering to test both advanced opportunities & newly defined early stage areas.



Newcrest Partner of choice

Leveraging off our
strengths to
deliver new
discoveries



Partners

Newcrest's Strengths



Exploration
Expertise



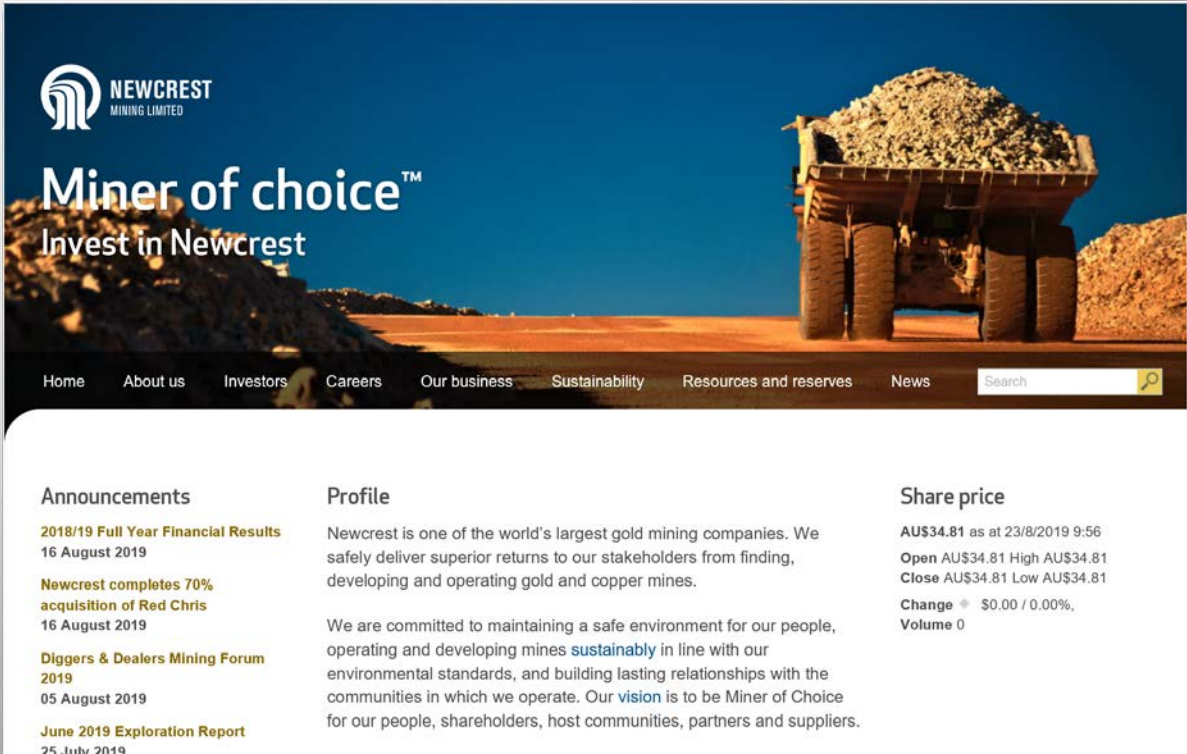
Mining
Capabilities



Exploration
Technology &
Innovation



New Discoveries



MacBook Air



Find out more:
www.newcrest.com.au



Engage with us



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