

RIU Resurgence Conference

1-2 December 2021

Modern exploration of the highly
prospective and underexplored
Tanami Gold Province



**hamelin
gold**

ASX code : HMG

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The information in this report that relates to Exploration Results is based on information compiled by Mr. Peter Bewick who is a Member of the Australasian Institute of Mining and Metallurgy. Mr. Bewick holds shares and options in Hamelin. He is a full time employee of Hamelin, and has sufficient experience which is relevant to the style of mineralisation under consideration to qualify as a Competent Person as defined in the 2012 Edition of the 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Bewick consents to the inclusion in the report of the matters based on the information compiled by him, in the form and context in which it appears.

Hamelin confirms that it is not aware of any new information or data that materially affects the information in the relevant ASX releases and the form and context of the announcement has not materially changed. Hamelin confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

The 'Newmont Tanami Operations AGES Paper 20 March 2018' referred to in this presentation is Schneider S., Perazzo S., Griesel L., Robinson C. 2018 Tanami Operations, Callie mine: Multiple new discoveries supporting transformational growth in a mature mining camp. NTGS AGES conference paper 2018, and can be found at:
https://geoscience.nt.gov.au/gemis/ntgsjspui/bitstream/1/87086/4/SchneiderAGES2018_paper.pdf

This announcement has been approved for release by the Board of Hamelin.

Hamelin Gold

Modern exploration to unlock one of Australia's most underexplored gold provinces



- Hamelin Gold listed on the ASX on November 4th 2021 following a successful \$10M IPO
- Funds raised to explore the 100% owned West Tanami Gold Project in WA
 - Belt-scale exploration opportunity
 - A 2,277km² land position across 100km of prospective strike
 - Numerous advanced drill targets and large untested, under cover areas
 - Opportunity to apply recent exploration learnings from Newmont's +14Moz Callie gold operation
- Highly respected team assembled with a clear strategy and focus

Hamelin Gold

Board of Directors and capital structure



Mr Will Robinson
Non Executive Chairman
B.Comm, MAusIMM

- Managing Director of Encounter Resources for the past 15 years
- Non-Executive Director of Hampton Hill Mining
- Former President of the Association of Mining and Exploration Companies



Mr Peter Bewick
Managing Director
B.Eng (Hons), MAusIMM

- Geologist with over 30 years industry experience (WMC 1991-2005)
- Former Exploration Director of Encounter Resources (2005-2021)
- Non-Executive Director of Encounter Resources and Mincor Resources



Mr Justin Osborne
Non Executive Director
B.Sc (Hons), FAusIMM, MAICD

- Former Exploration Manager (2013-14) and Executive Director (2015-21) of Gold Road Resources
- Previous 10 years at Gold Fields in senior exploration and development strategy roles



Mr Philip Crutchfield
Non Executive Director
B.Comm., LL.B (Hons), LL.M LSE

- Current Non-Executive Director of Encounter Resources and Black Cat Syndicate
- Former Chairman of Zip Co (2015-21)
- Board member of the Victorian Bar Foundation and Melbourne Law School Foundation

CAPITAL STRUCTURE

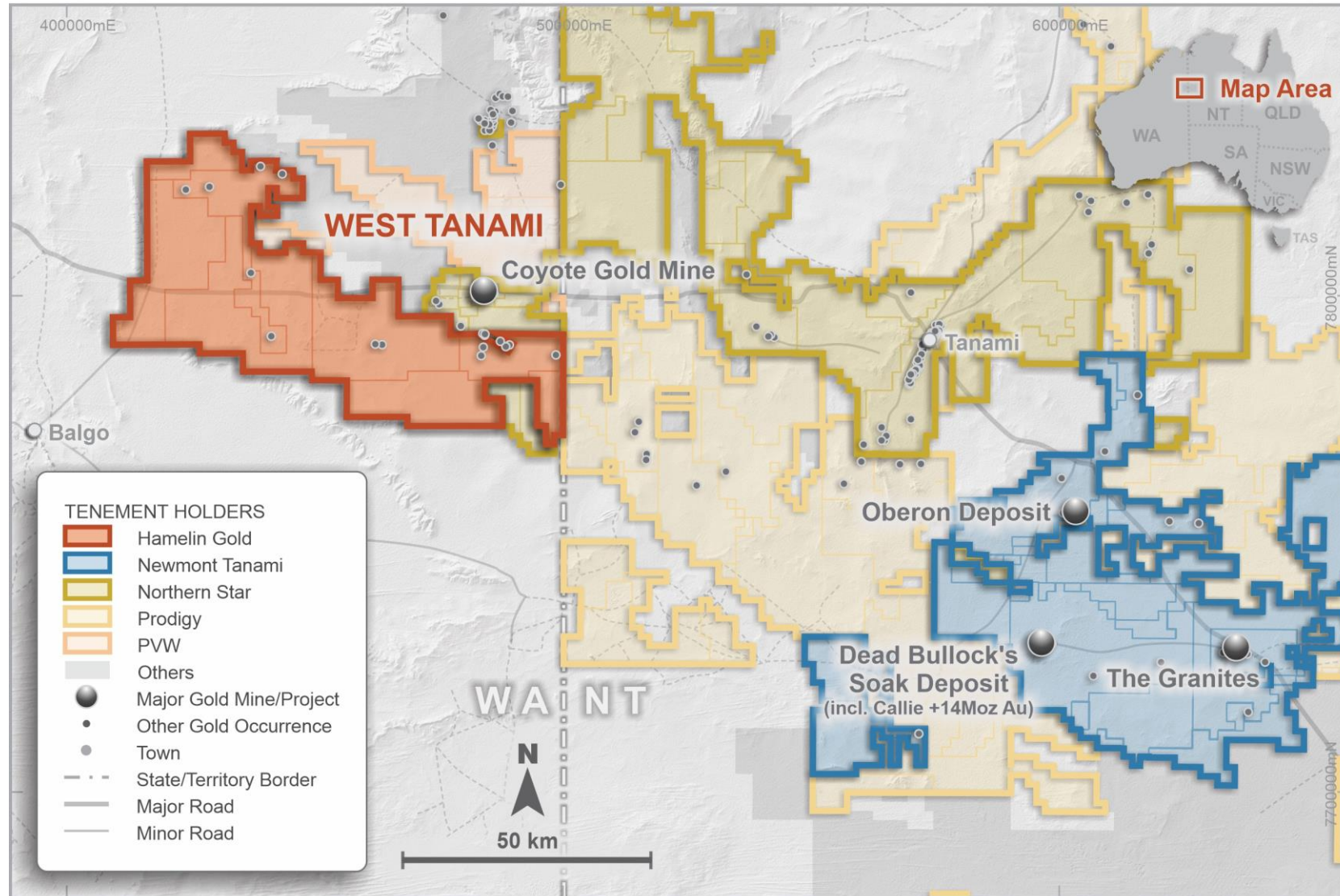
ASX code	HMG
Shares on Issue	110M
Director, employee and broker options	7.5M
Market capitalisation 30/11/21 (@16c)	~\$18m
Cash (after IPO costs)	~\$9M
Enterprise value	~\$9M

MAJOR SHAREHOLDERS

Gold Fields Ltd	10%
Silver Lake Resources	10%
Board and Management	9%

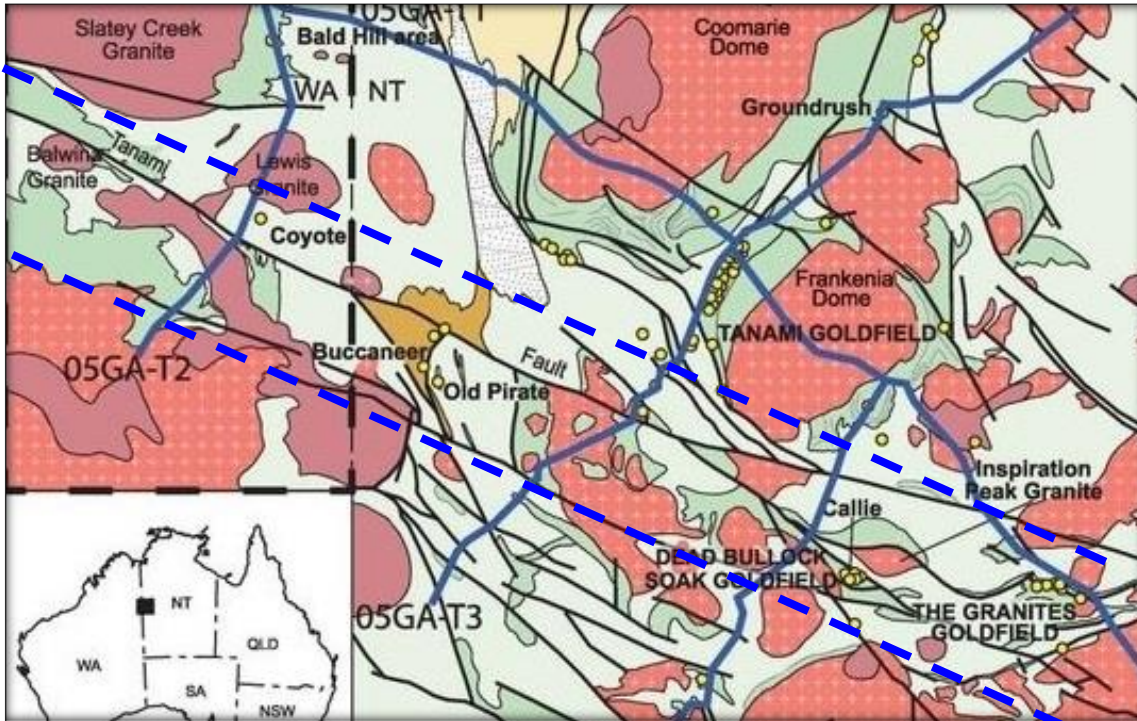
Top 20 holds 55%

The Tanami Gold Province

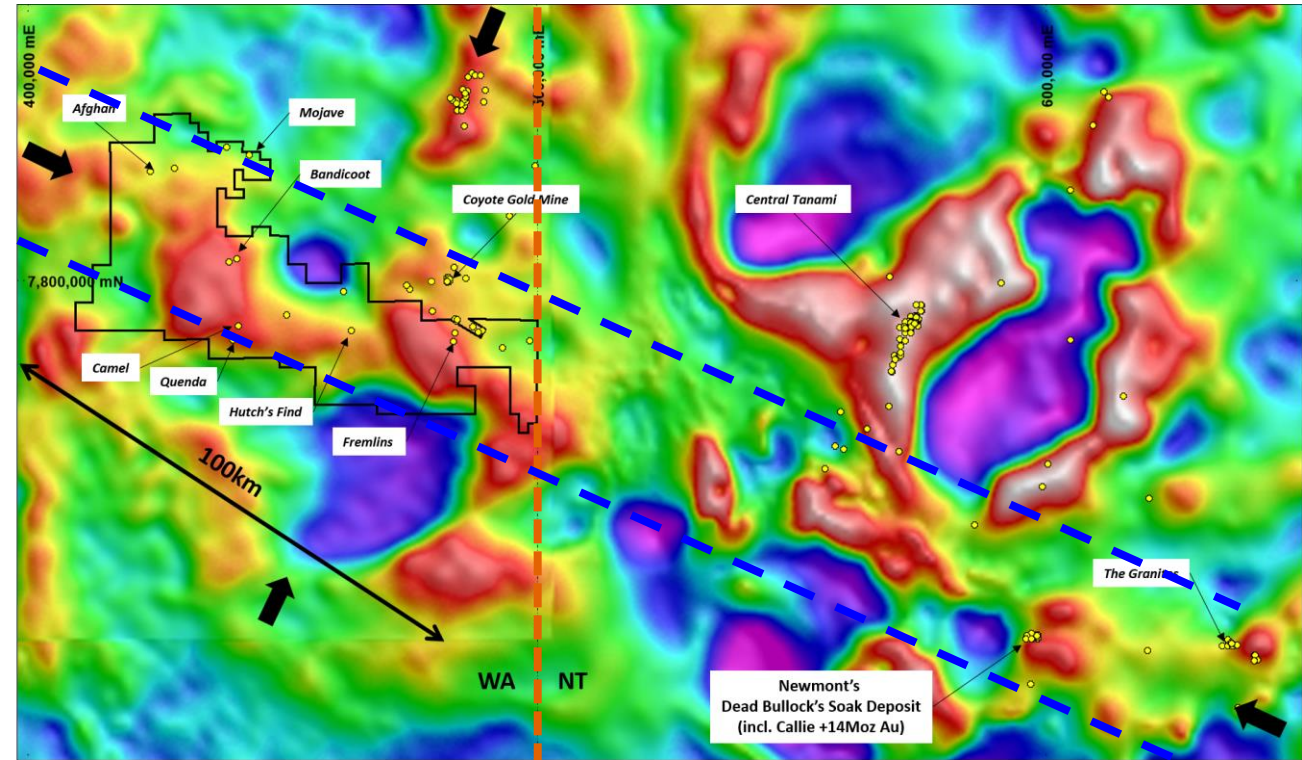


West Tanami: Major extension of the Tanami Gold Province

~0.7Moz Au ↔ ~25Moz Au



Tanami Geology and gold occurrences



West Tanami leasing with gold occurrences over regional gravity data

... same geology, same key structures, **but underexplored**

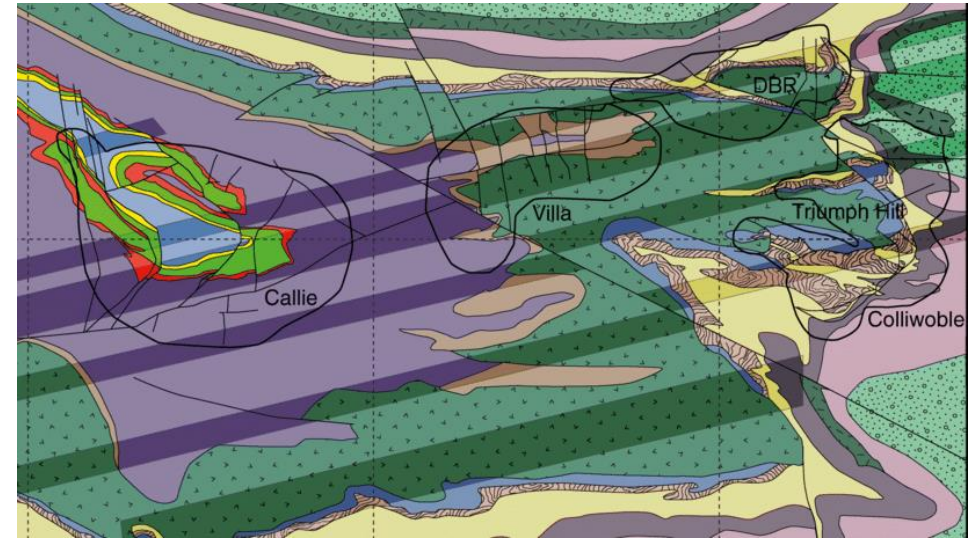
Newmont's DBS Gold Complex (+14Moz)

A world-class gold system

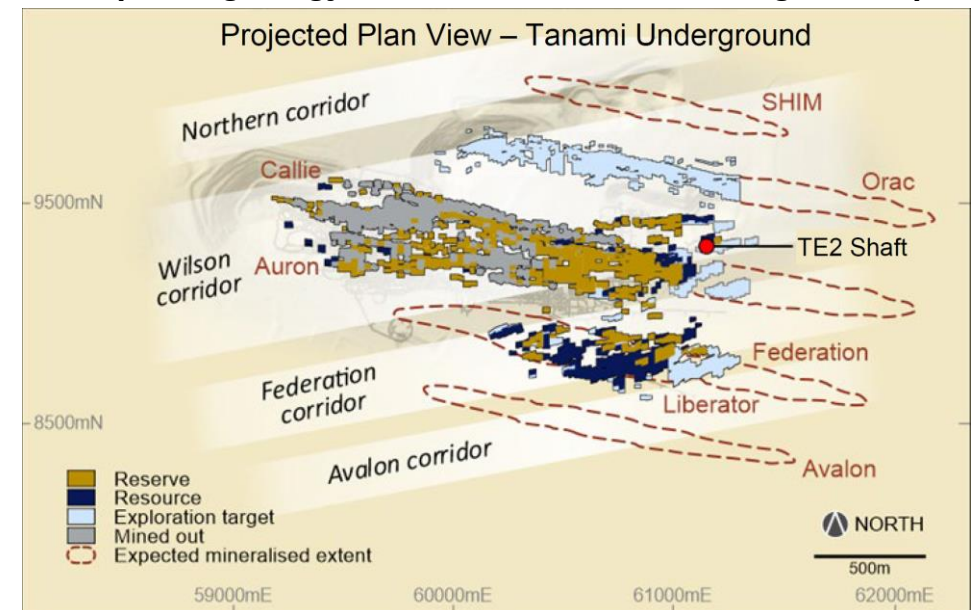
- A progressive series of large, high grade discoveries:
 - Callie (1991)
 - Auron (2007)
 - Federation (2013)
 - Liberator (2016)
- Located in the centre of the Trans - Tanami Fault Corridor
- Deposits hosted by a sequence of interbedded sediments in tightly folded antiform at the intersection of a series of mineralised structures
- High grade gold mineralisation within a swarm of centimetre scale vein sets in a broader structural corridor



Refer to Newmont Tanami Operations AGES Paper 20 March 2018



Simplified geology of the Dead Bullock's Soak gold camp

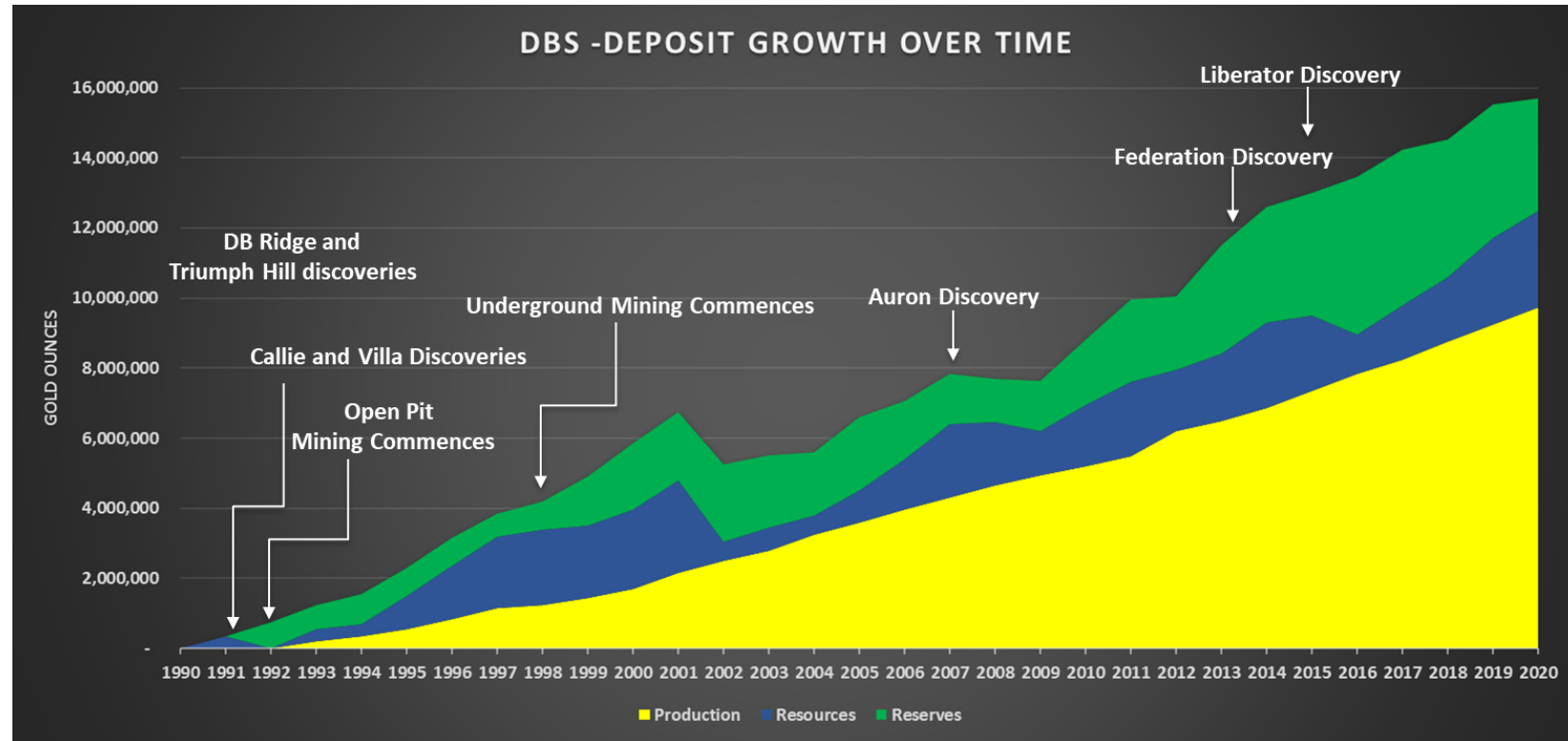


Plan view of Tanami Underground Deposits

Newmont's Tanami Operations

Lowest AISC gold production within Newmont's global portfolio (~\$US650/oz)

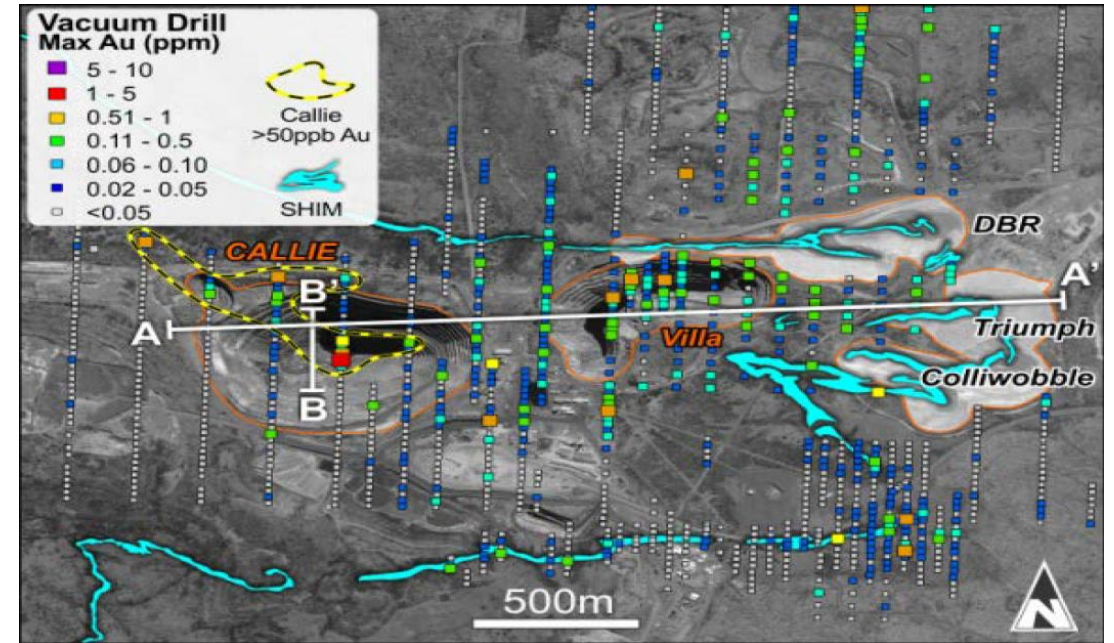
- Newmont's Tanami Operations have undergone transformational improvement since 2013 with AISC ~45% lower and production ~80% higher
- Tanami is a world class asset producing >500koz pa and projected to grow to ~700koz pa
- Tanami Expansion 2 secures future to 2040 and provides platform for growth



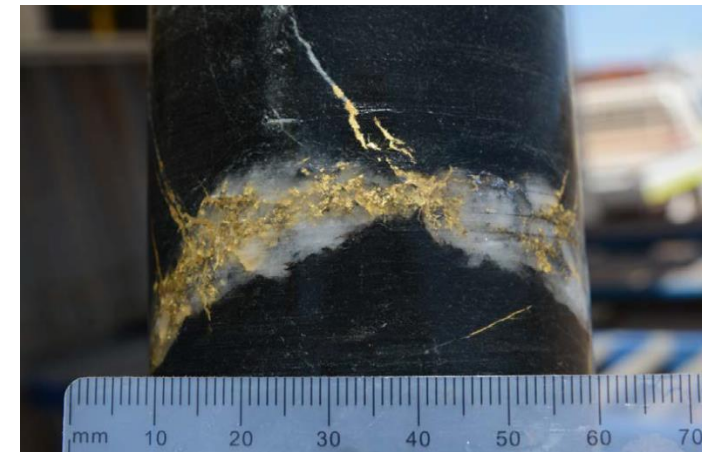
Exploration learnings

Newmont 's Tanami discovery journey

- Deposit under thin (~5m) of sand cover
 - Near surface, +50ppb gold contour outlines Callie deposit
 - A series of high-grade underground discoveries followed initial discovery of modest open pit deposits
 - Best mineralisation hosted within the core of an antiform
- Understanding of the structural architecture is key to discovery success
 - Understanding the regolith is key to determining the effectiveness of previous exploration



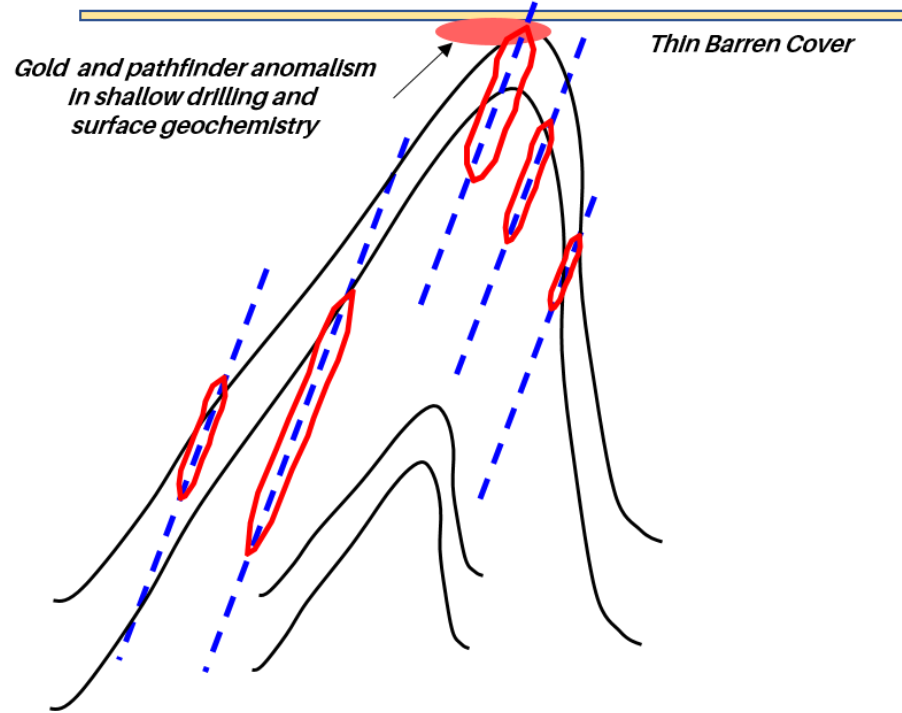
Near surface gold anomalism over Dead Bullock's Soak deposits



Ultra high grade gold veinlet from Federation deposit

Hamelin exploration model

Traditional Exploration Search Space

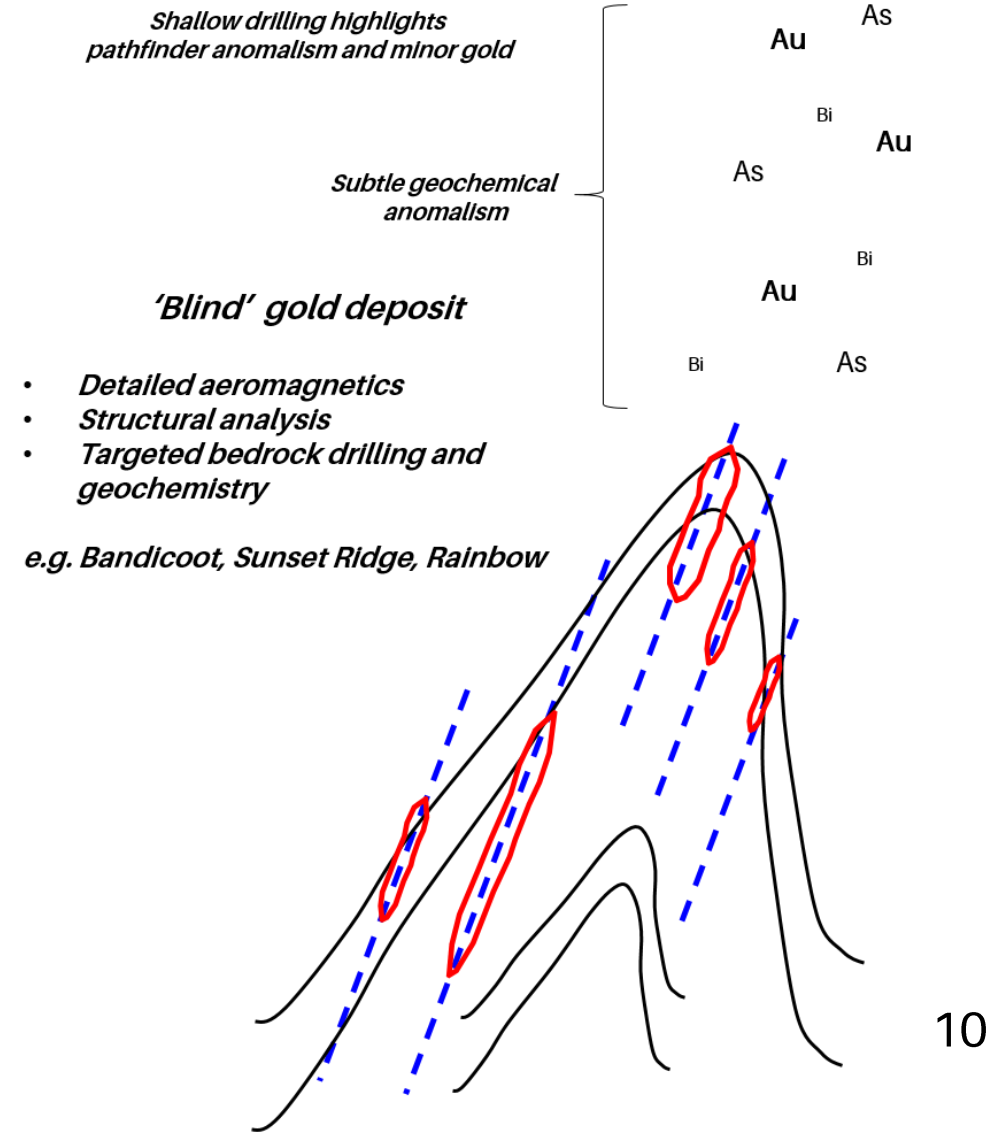


Gold deposit under shallow cover or residual

- Detailed aeromagnetics and radiometrics
- Regolith and structural interpretation
- Traditional surface geochemistry
- Shallow, targeted drilling

e.g. Camel, Hutch's Find, Afghan, Mohave, Fremfins

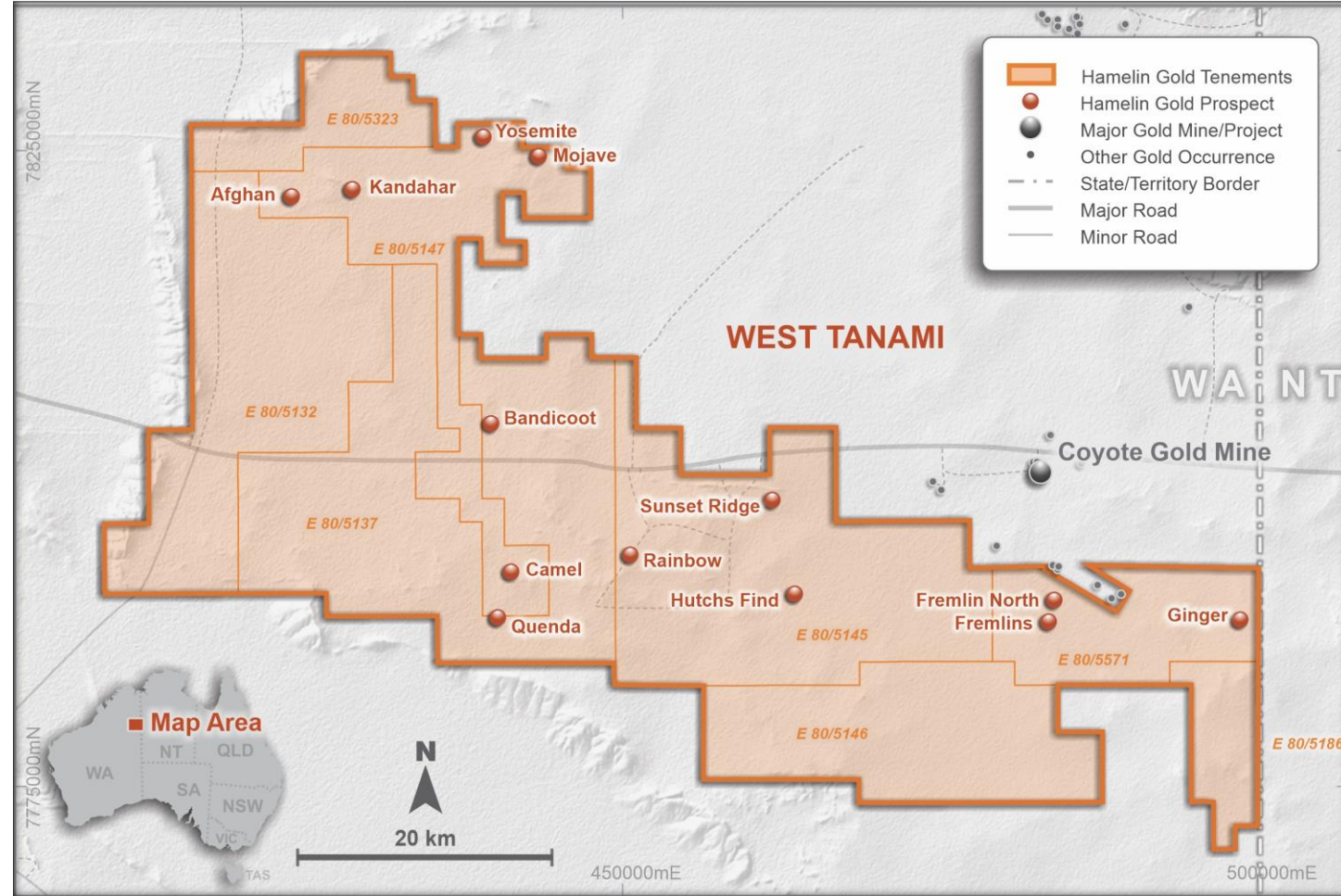
New Exploration Search Space



West Tanami Project

Hamelin Gold Ltd holds 100% interest

- Belt scale gold project (~2,277km²) in a Tier 1 jurisdiction
- 100km of strike along the Trans – Tanami Fault interpreted to be the key controlling structure for gold mineralisation in the Tanami
- Extensive areas of shallow cover and limited deeper drilling
- Modern, prioritised and focused strategy to assess one of Australia's most underexplored gold provinces

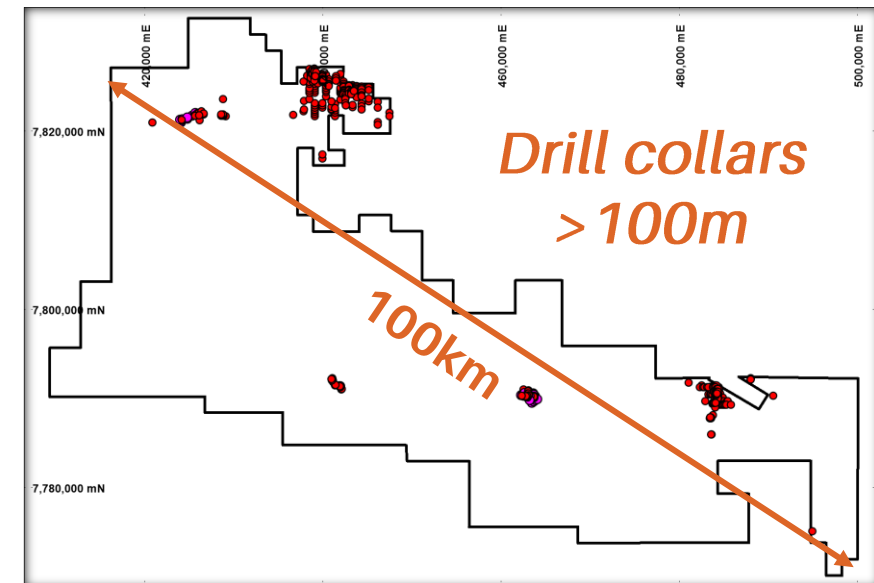
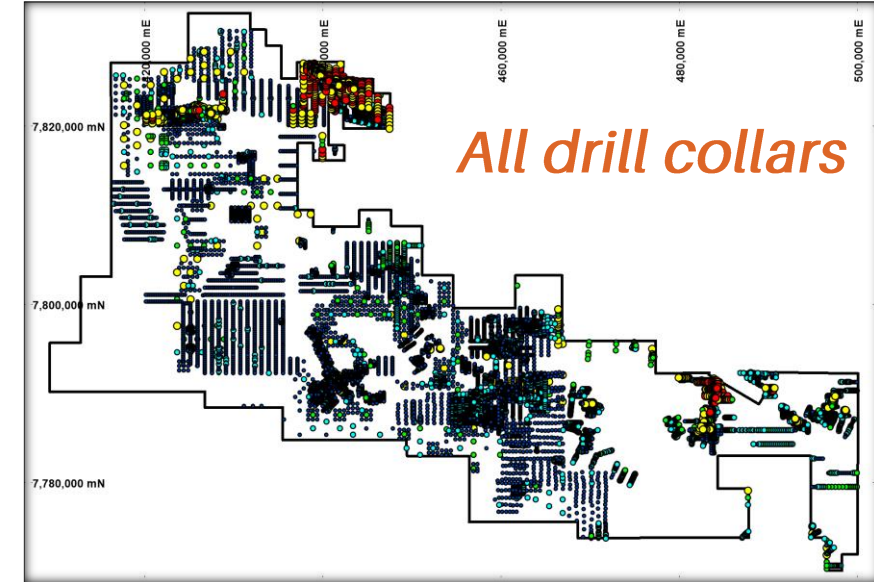


Key prospect locations and Leasing on DEM background

West Tanami: a disjointed exploration history

Strong foundations in place for meaningful modern exploration

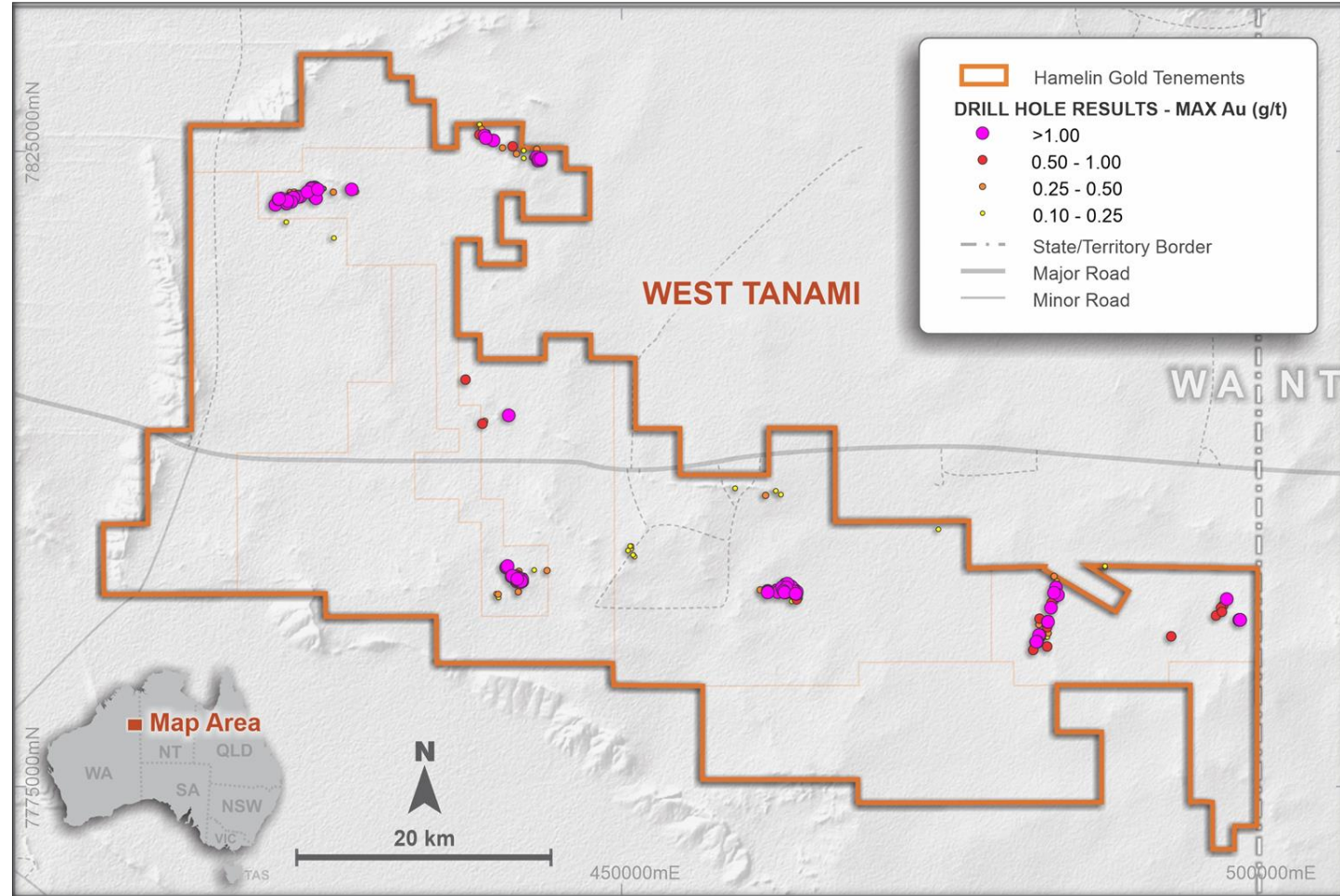
- Historical exploration program driven by very shallow drilling and conventional geochemical programs – largely ineffective
- Inconsistent exploration funding due to operational financial pressures
- Hiatus in exploration from 2012 – 2018
- Acquired by Encounter in 2018
- Limited on-ground exploration by Newcrest Mining during Encounter JV between 2018 – 2021 (~\$5m):
 - 18,400 line km aeromagnetic survey
 - Extensive heritage clearance survey
 - 28 RC holes (8,122m) at three prospects
- Groundwork set for major exploration drive



West Tanami: an underexplored gold province

Ineffective testing of bedrock targets

- Largely covered terrain with a stripped regolith profile
- Shallow geochemical drilling is ineffective over extensive parts of the project (86% of all holes <20m deep)
- Significant gold systems that have been identified have limited drill testing at depth
- High grade gold mineralisation at Hutch's Find and Camel that remain open at depth and along strike
- Targeted diamond and RC drilling planned to test for potential high grade gold shoots



Large Scale Geochemical anomalies (+100ppb Au)

Priority West Tanami prospects

MOJAVE

- +7km long gold-arsenic anomaly along tightly folded mafic, priority structural target untested

BANDICOOT AND QUENDA

- Large, untested magnetic anomalies coincident with gold-arsenic geochemical anomaly in RAB drilling
- EIS co-funded drilling (\$150,000)

CAMEL

- 7.2m @ 3.1g/t Au from 95m in last drilling completed in 2010¹

AFGHAN

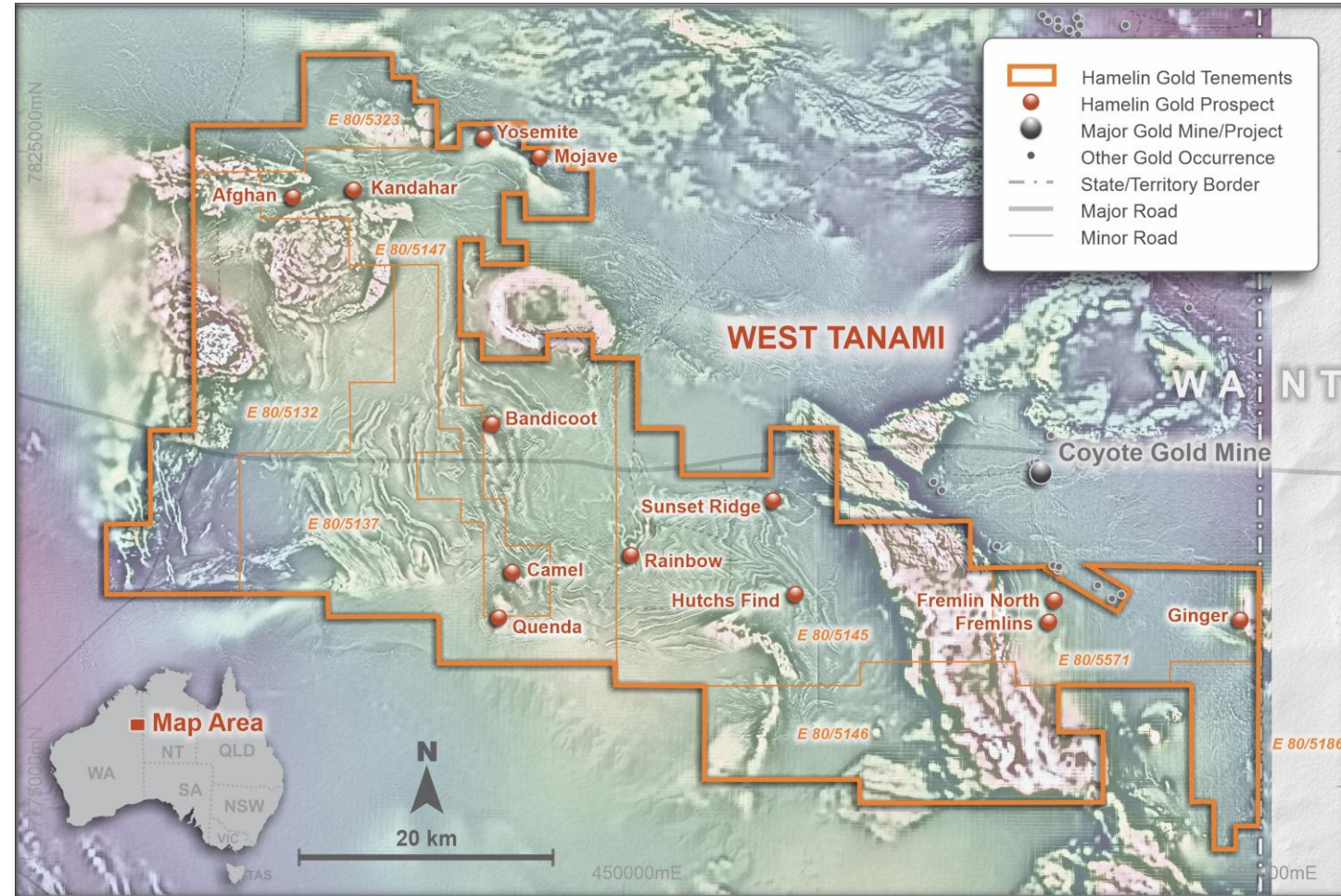
- +7.5km long gold anomaly in shallow RAB drilling
- Best intersection of 10m @ 1.6g/t Au from 4m¹ drilled in 2019

HUTCH'S FIND

- Limited drilling of +5km long gold/arsenic anomaly
- 19m @ 2.3g/t Au from 98m and 10m @ 5.4g/t Au from 123m¹

FREMLINS

- +5km long gold anomaly with limited drilling deeper
- 3m @ 2.95g/t Au from 51m and 80m @ 0.19g/t Au from 52m to EOH¹



Key Prospects over 1VDTMI magnetics

Hamelin exploration strategy

Adopting a modern, systematic approach

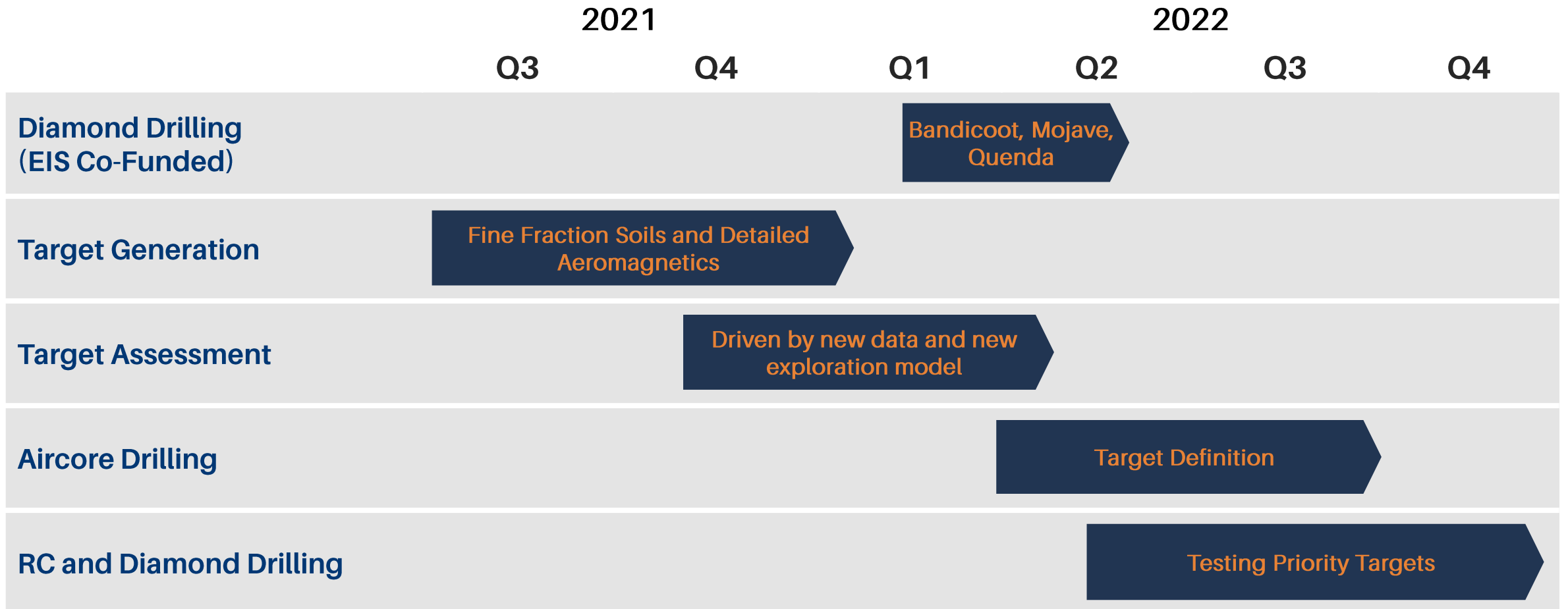
- Understanding the structural architecture is the key to exploration success
 - Complete detailed aeromagnetic coverage
 - Complete structural and stratigraphic interpretation and targeting program
 - Conduct diamond drilling of priority targets to confirm structural and stratigraphic model
- Understanding the regolith is key to determining the effectiveness of previous exploration
 - Complete ASTER and radiometrics coverage
 - Complete regolith amenability map
 - Apply modern surface geochemistry techniques in applicable areas to 'see through' transported cover



Orientation Fine Fraction soil sampling – Tanami June 2021

First 18 months of exploration activity

Gearing up for a major drill program in 2022



Investment Summary

The people and the project + the focus and the funding

EXPLORATION POTENTIAL

- 100km of strike in Australia's most underexplored Tier 1 gold district
- New geophysical datasets, geological understanding and exploration approach
- Large scale gold and arsenic anomalies defined in shallow drilling
- High grade gold mineralisation in limited deeper drilling
- Significant areas untested under shallow cover

CORPORATE

- Experienced board and management team
- Extensive greenfields and near mine exploration knowledge
- Proven project generation and discovery success
- Well funded following a successful IPO
- Strong shareholder base

