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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 hold 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 Schmeider 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: <a href="https://geoscience.nt.gov.au/gemis/ntgsjspui/bitstream/1/87086/4/SchmeiderAGES2018">https://geoscience.nt.gov.au/gemis/ntgsjspui/bitstream/1/87086/4/SchmeiderAGES2018</a> paper.pdf

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





- Gold exploration at the 100% owned West Tanami Project in WA
  - Belt-scale exploration opportunity
  - Multi-million ounce gold potential
  - A 2,489km² land position across 100km of prospective strike
  - Numerous advanced drill targets and large untested, under cover areas
  - Opportunity to apply exploration learnings from Newmont's +14Moz Callie gold operation
- Highly respected team assembled with a clear strategy and focus
- Well funded ~\$7.1M cash as at 30/06/22¹
- Diamond (~3800m) and RC (~3500m) drill programs completed
- Phase 2 RC drilling (~2000m) to commence late
   October

#### **Hamelin Gold**

#### Directors, Key Management 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
- 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
- Non-Executive Chairman of Matador Mining and Non-Executive Director of IGO Group and Astral Resources



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

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



Mr Clayton Davys
Exploration Manager
B.Sc (Hons)

- Geologist with over 25 years industry experience
- Former Exploration Manager of Gold
   Road Resources and Pioneer Resources

#### **CAPITAL STRUCTURE**

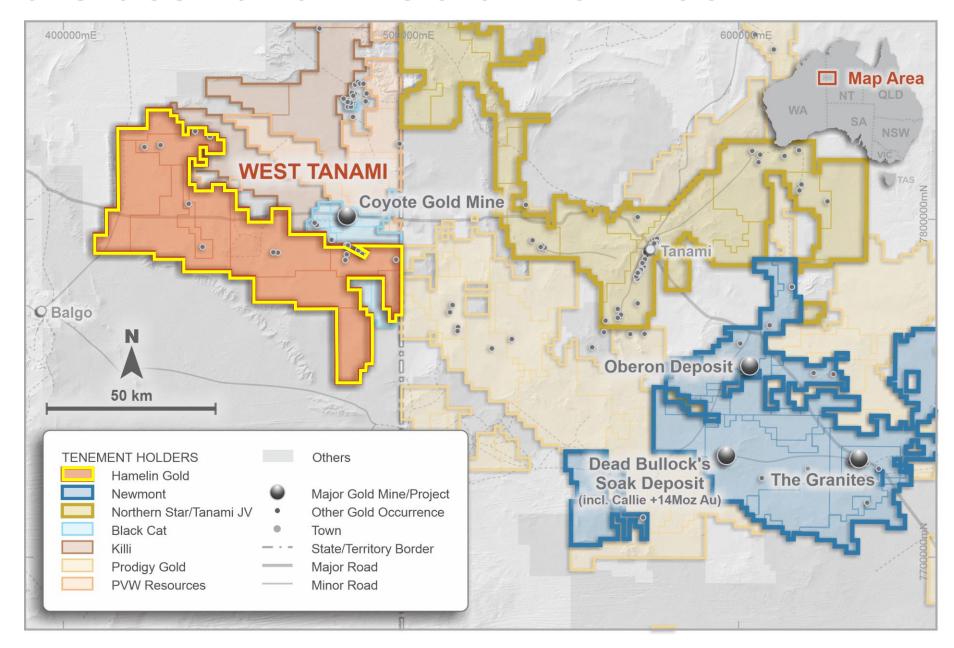
Shares on Issue	110M
Director, employee and broker options	9.25M
Market capitalisation (@\$0.16)	\$17.6m
Cash (30/06/2022)	\$7.1M
Enterprise value	\$10.5M





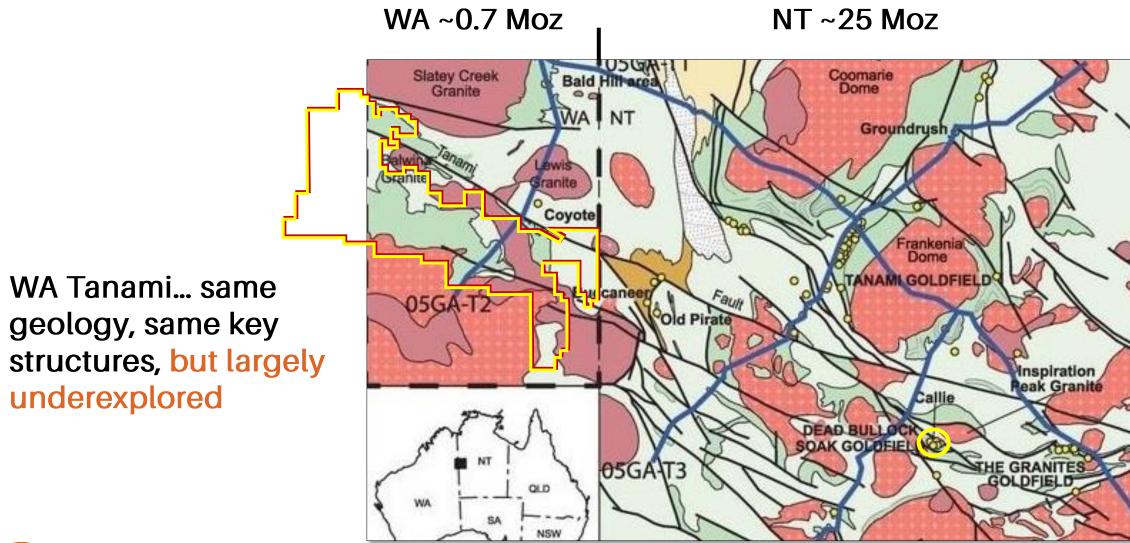


#### The World Class Tanami Gold Province





#### West Tanami: Major extension of the Tanami Gold Province



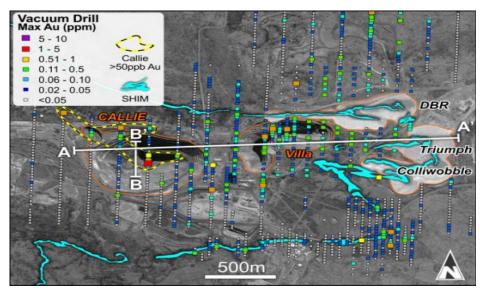


# Newmont's DBS Gold Complex (+14Moz)

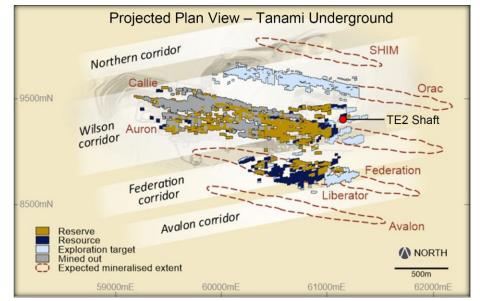
# Lowest AISC gold production within Newmont's global portfolio (~\$US650/oz)

- Shallow drilling outlines a 2.5km long, +100ppb Au anomaly
- High grade shoots develop at the intersection of refolded folds and mineralizing structures
- A world class asset producing >500koz pa and projected to grow to ~700koz pa with mine life projected to 2040
- Hamelin applying the learnings of over 30yrs of successful exploration in the NT to the underexplored WA side of the same geological province
  - Understanding the regolith
  - Understanding structural and geological architecture





2.5km by 1km near surface gold anomalism (100ppb Au) at DBS

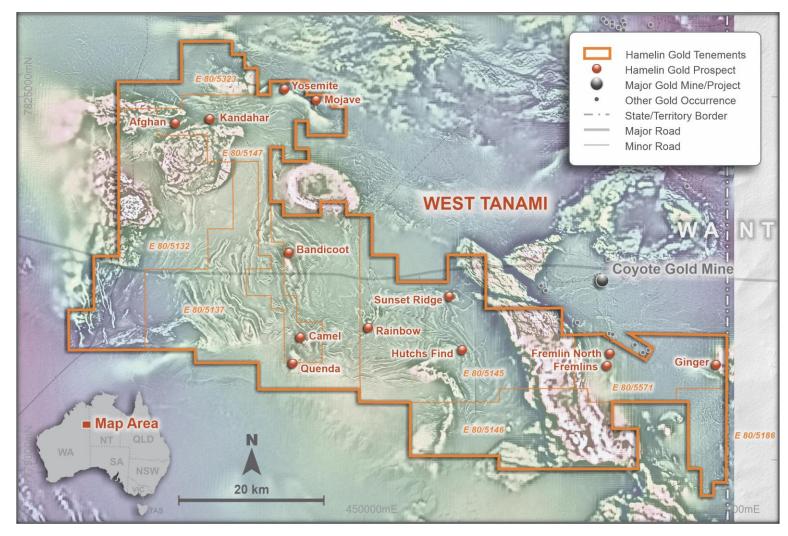


Plan view of Tanami Underground Deposits

#### One of Australia's most underexplored gold provinces

#### Hamelin holds 100% interest in the West Tanami Gold Project

- Historical exploration predominantly shallow drilling with 70% of all holes less than 10m deep and limited deeper drilling (30 holes greater than 200m deep)
- Multi kilometre scale +100ppb Au anomalies identified
- Early diamond drilling of priority targets to
  - Define key structural and geological elements
  - Define key regolith units
  - Test unexplained geophysical anomalies





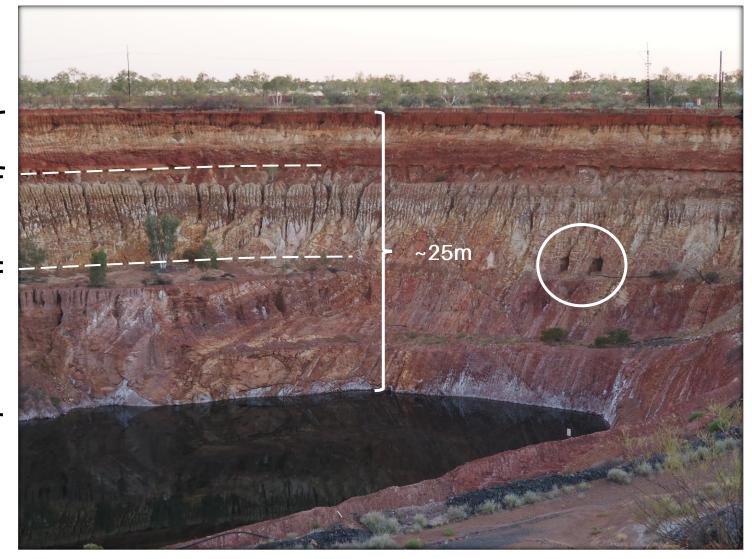
# West Tanami: Ineffective Historical Drilling

**Learnings from the Coyote Regolith Profile** 

Cover (very weak gold anomalism)

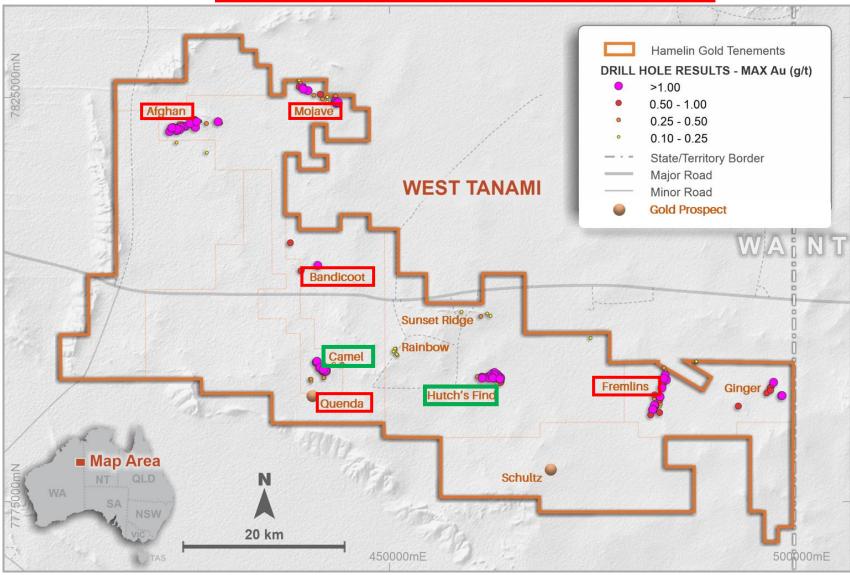
Leached Zone (low level supergene gold and very narrow primary gold)

Saprolite / Saprock (narrow supergene gold and very narrow primary gold)





# Priority prospects - 2022 drill program

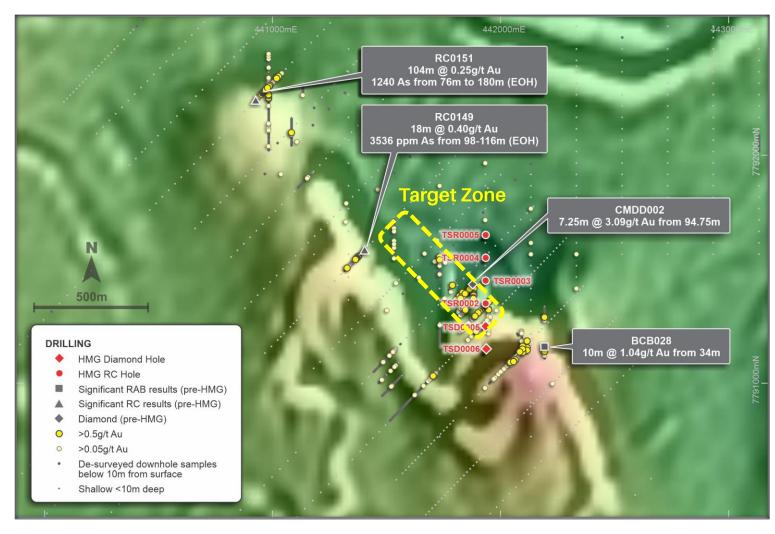




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### Camel prospect

- Tightly folded (and refolded) antiform of Stubbins Formation
- - 7.25m @ 3.09g/t Au from 94.75m
  - 10m @ 1.04g/t Au from 34m to EOH
  - 104m @ 0.25g/t Au from 76m to EOH
- TSD0005 intersected numerous high grade quartz veins in dolerite within wide zone of lower grade gold mineralization
- Northwest target zone defined
- RC drilling to commence in late October





Camel prospect max Au-in-hole over detailed magnetics

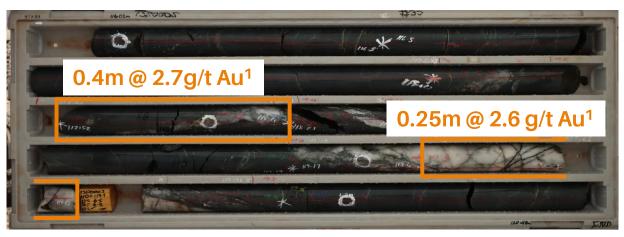
### Camel prospect

#### CMDD002 drilled in 2010 by Tanami Gold NL



CMDD002 92m to 102.7m

#### TSD0005 HMG's 1st diamond hole at Camel



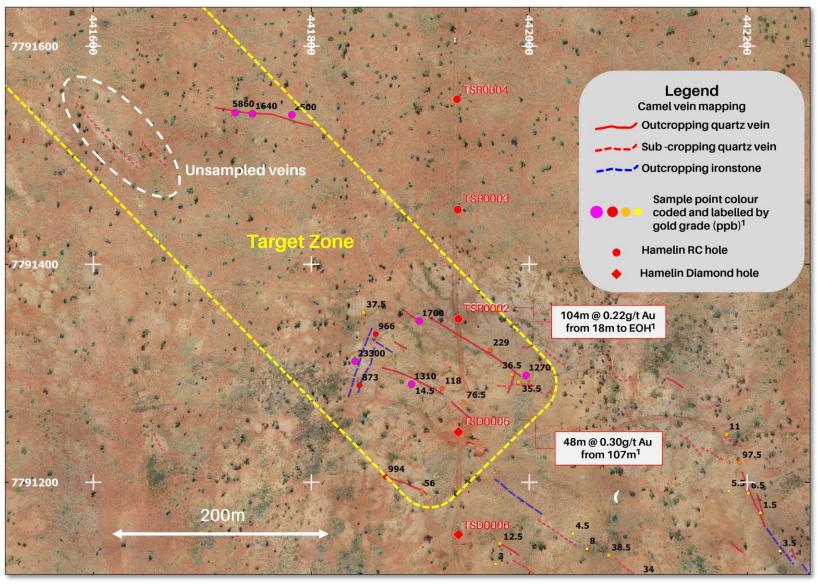
TSD0005 116m to 120.5m includes





TSD0005 140m to 145.5m

# Camel prospect

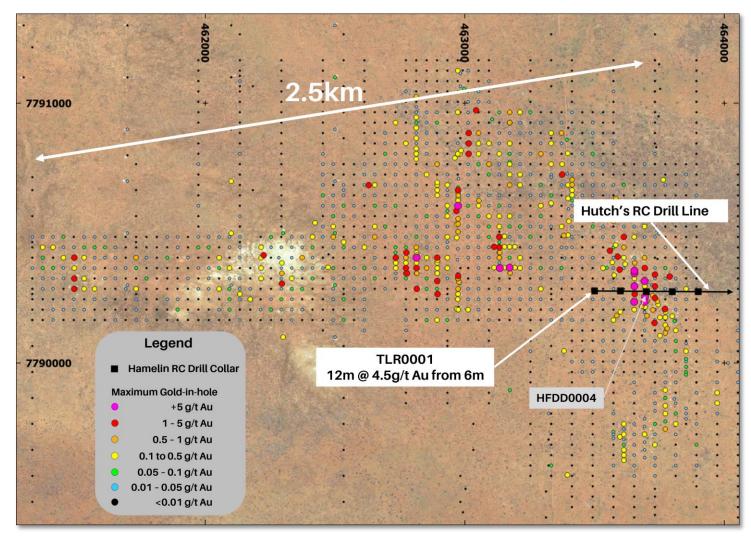




Camel Drone Airphoto, rock chip sample results and HMG drillhole locations and sign. results

# **Hutch's Find prospect**

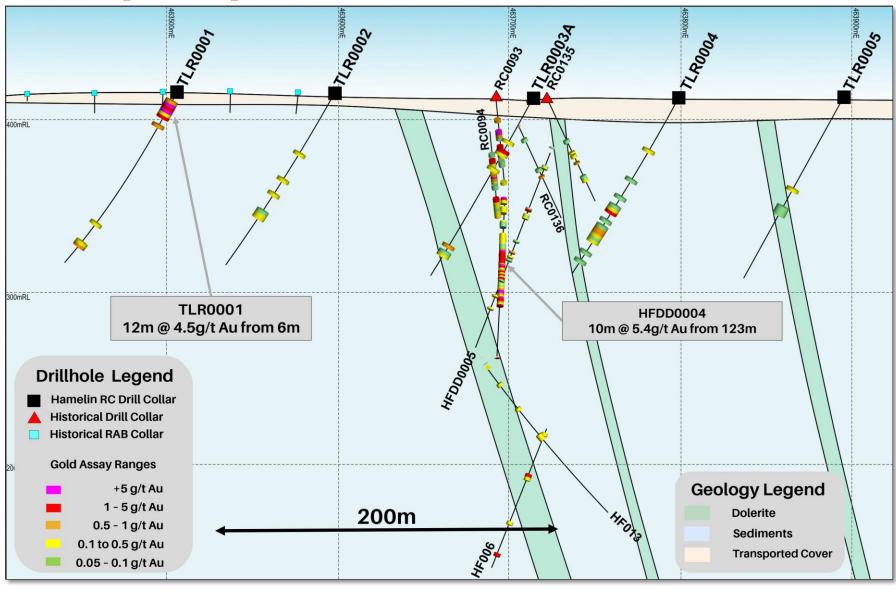
- Large scale (+2.5km) gold regolith anomaly located 22km SW of Coyote
- Shallow, high grade gold mineralisation discovered by Hamelin in first RC drill program
  - 12m @ 4.5 g/t Au from 6m in TLR0001<sup>1</sup>
    - incl 6m @ 8.1 g/t Au from 8m
- Isolated historical drilling identified high grade gold including;
  - 10m @ 5.4 g/t Au from 123m in HFDD0004<sup>2</sup>
- Follow up RC drilling to commence in late October 2022
- EIS Co-funded diamond drilling in 2023







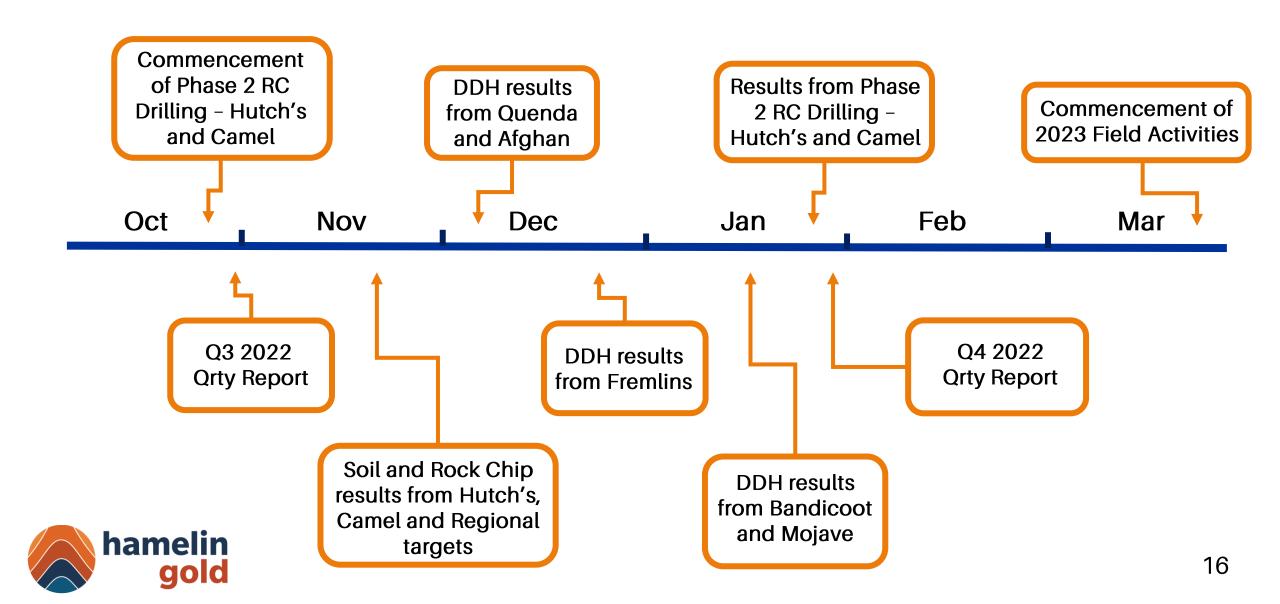
## **Hutch's Find prospect**





Hutch's Find Drill Section 7790265mN

# **Upcoming News - Next 6 Months**



#### **Investment Summary**

#### The people and the project + the focus and the funding

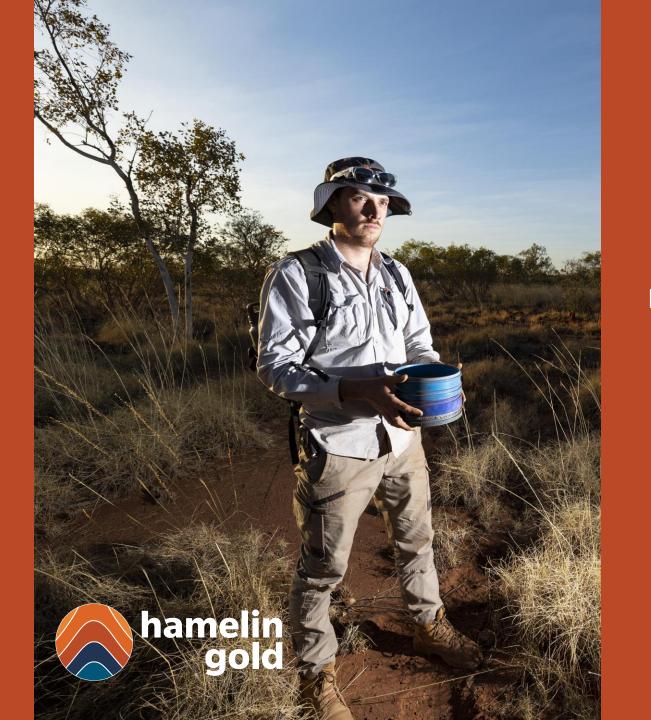
#### **EXPLORATION OPPORTUNITY**

- 100km of strike in Australia's most underexplored
   Tier 1 gold district with +Moz potential
- New geophysical datasets, geological understanding and exploration approach
- Large scale gold and arsenic anomalies defined in shallow drilling
- RC and diamond drilling programs completed across multiple prospects.
- High grade gold mineralisation discovered
- Significant areas untested under shallow cover
- Follow up drilling programs planned

#### **CORPORATE**

- Experienced board and management team
- Extensive greenfields and near mine exploration knowledge
- Proven project generation and discovery success
- Well funded with ~\$7.1M in cash as at 30/06/2022
- Successful application for up to \$1.25M JMEI tax credits for FY23
- Strong shareholder base





#### Contact

Telephone: +61 8 9486 9455

Website: www.hamelingold.com.au

Email: contact@hamelingold.com.au

Suite 2, 1 Alvan Street Subiaco WA 6008

**ASX: HMG**