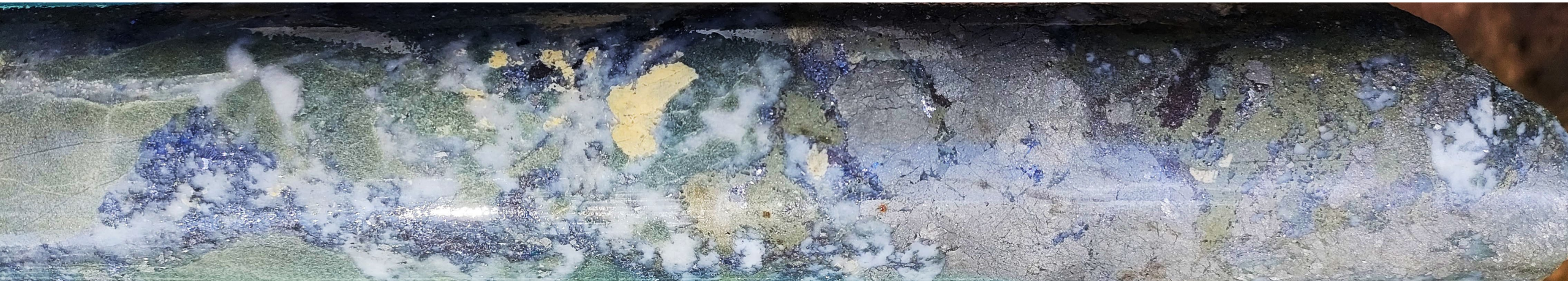




Flynn Gold

ASX: FG1

**Victoria Gold Mining and
Exploration Forum
Presentation
February 2024**



Trafalgar Prospect - Drill hole TFDD005 - Quartz-sulphide (pyrite-arsenopyrite-pyrrhotite-galena-sphalerite) vein at 120.3m (0.7m @ 152.5g/t Au)

Important Notice & Disclaimer

OVERVIEW

This investor presentation (“**Presentation**”) has been prepared by Flynn Gold Limited (ABN 82 644 122 216) (“Flynn Gold” or “Company”) and is dated 21 February 2024.

SUMMARY INFORMATION

This Presentation contains summary information about the current activities of Flynn Gold and its subsidiaries as at the date of this Presentation. The information in this Presentation is of a general nature and does not purport to be complete. This Presentation does not purport to contain all the information that an investor should consider when making an investment decision nor does it contain all the information which would be required in a disclosure document or prospectus prepared in accordance with the requirements of the Corporations Act. It should be read in conjunction with Flynn Gold’s other periodic and continuous disclosure announcements lodged with the ASX, which are available at www.asx.com.au. Neither Flynn Gold nor its directors, employees or advisers give any warranties in relation to the statements and information in this Presentation.

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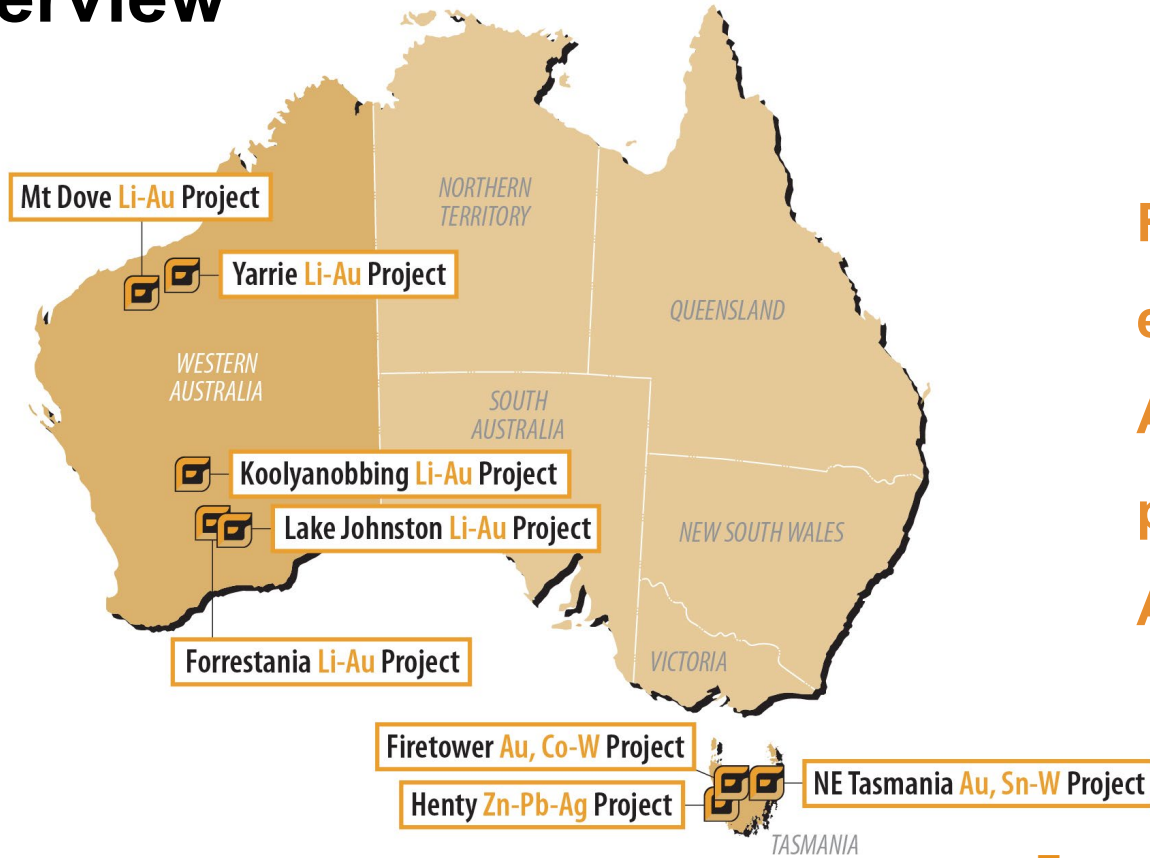
COMPETENT PERSON STATEMENT EXPLORATION RESULTS

The information in this release is an accurate representation of the available data and studies for the material mining project. The information that relates to sampling techniques and data, exploration results and geological interpretation has been compiled by Sean Westbrook who is a consultant of the Company. Sean Westbrook is a Competent Person as defined in the JORC Code (2012). Sean has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results.

EXPLORATION RESULTS

Refer to Company Announcements for full details on Exploration Results. Flynn Gold is not aware of any new information or data that materially effects the information contained in those announcements.

Overview



Flynn Gold Limited is focused on the exploration and development of Australian gold and battery metals projects in Tasmania and Western Australia

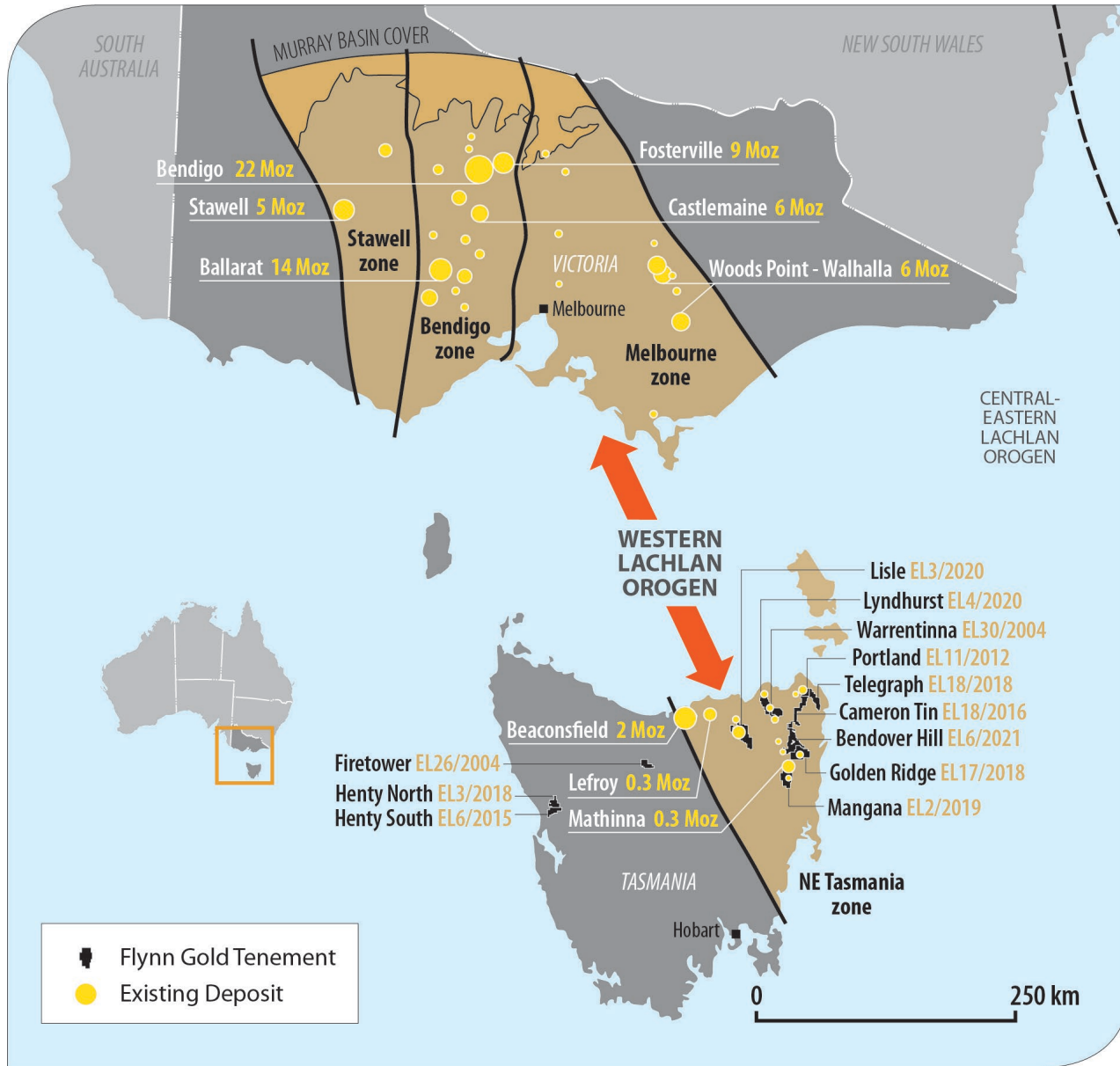
Western Australia

- 15 granted Exploration Licences and 9 EL applications
- 1,140 km², 100% Flynn Gold
- Pilbara – holdings close to significant gold & lithium deposits at Mt Dove and Yarrie
- Yilgarn – holdings close to world class lithium and nickel deposits at Forrestania and Koolyanobbing

Tasmania

- 12 granted Exploration Licences
- 1,475 km², 100% Flynn Gold
- Northeast Tasmania – interpreted extension of Victorian goldfields with significant gold and tin/tungsten historical mines
- Northwest Tasmania – Firetower and Henty projects with multiple gold and battery metals drill targets

Northeast Tasmania



- **Northeast Tasmania** – interpreted to be part of the Western Lachlan Orogen – a **geological extension of the Victorian Goldfields**
- NE Tasmania has significant historic **high-grade gold production**:
 - **Beaconsfield Gold Mine**
mined to 1,200m depth producing:
 - 1877-1914: **854,600oz @ 26g/t Au**
 - 1999-2012: **920,000oz @ 10.5g/t Au**
 - **New Golden Gate Gold Mine (Mathinna)**
mined to 500m depth producing:
 - 1887-1926: **253,000oz @ 26g/t Au**
- Very little gold exploration over the last **100 years** provides great opportunities for fresh gold discoveries using modern exploration techniques

Northeast Tasmania...Continued...

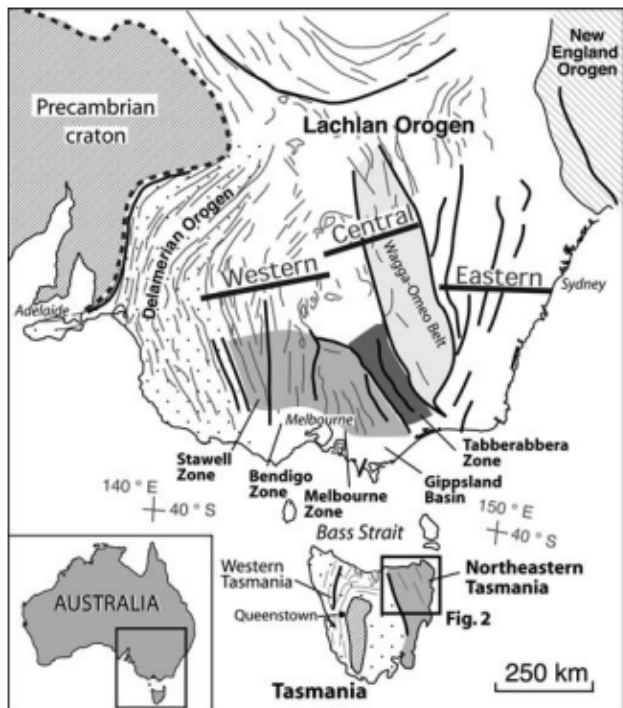


Fig. 1 Map illustrating the inferred tectonic correlation of the Palaeozoic of northeastern Tasmania with respect to the structural zones of the western and central Lachlan Orogen on mainland Australia (modified from Foster et al. 1999)

From Bierlein et al. 2005

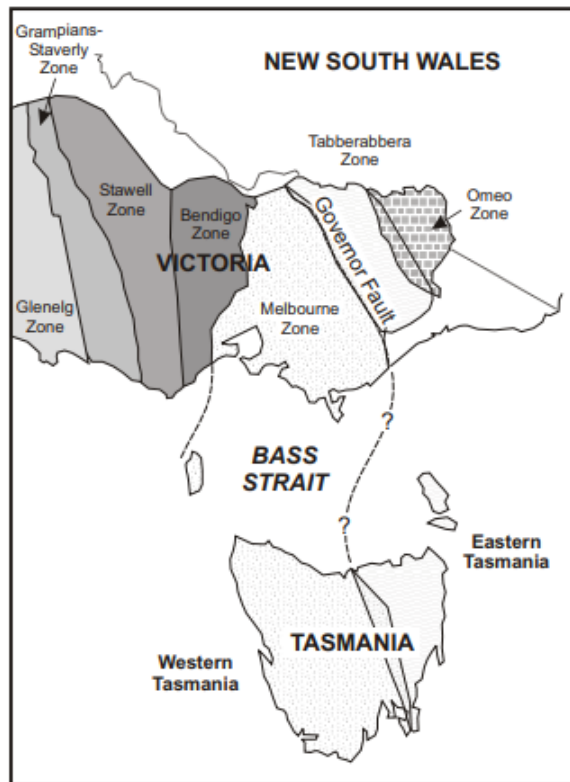


Figure 29

Proposed correlation between Proterozoic rocks in western Tasmania with those underlying the Melbourne Zone in Victoria, and between eastern Tasmania and the Tabberabbera Zone in eastern Victoria.

From Reed 2001

- NE Tasmania is interpreted to be part of the Lachlan Orogen – a geological extension of the Victorian Goldfields

A work in progress...

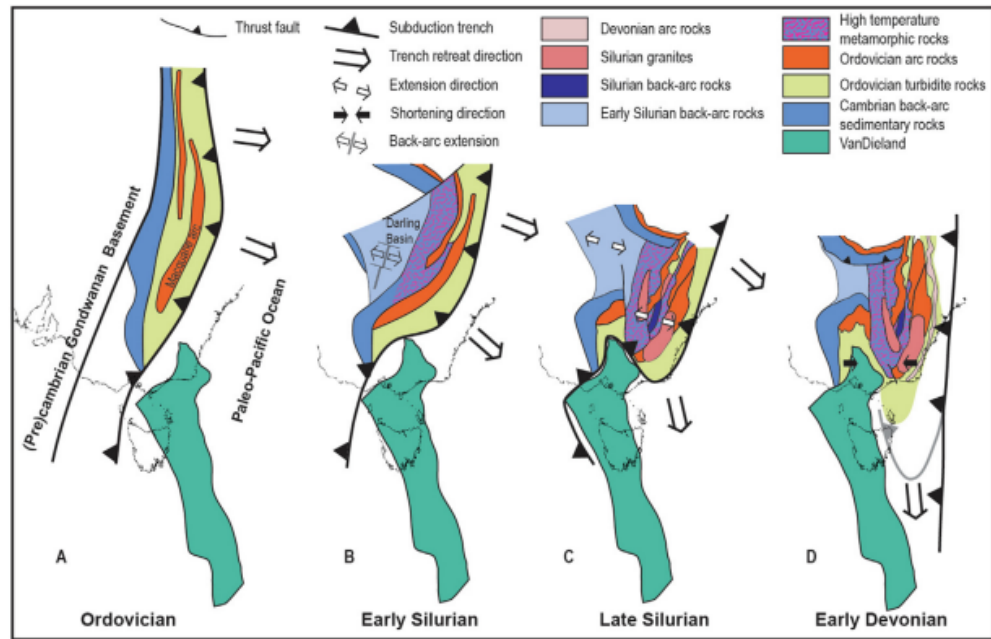
Generally accepted that Northeast Tasmania is a continuation of the Lachlan Fold Belt.

But still debate about a correlation to:

- Melbourne Zone (Western Lachlan)
- The Bendigo Zone (Western Lachlan)
- Tabberabberan Zone (Reed 2001)
- Separate Mathinna Terrace (Southern Tabberabberan) [same but different]

Northeast Tasmania...Continued...

C.J.L. Wilson, et al.



Ore Geology Reviews 120 (2020) 103390

Fig. 2. Early Paleozoic evolution of south-eastern Australia (after Moresi et al., 2014). (A) Stable Ordovician convergent margin immediately after accretion of VanDieland microcontinent. (B) Trench advance in the southern Tasmanides and subduction roll-back in the central Tasmanides during the Early Silurian resulted in a transitional configuration of back-arc extension, and high temperature metamorphism in the back arc. (C) Margin-parallel trench retreat behind VanDieland during the Late Silurian. Extensive arc and back-arc magmatism and basin systems above the retreating plate leading to a Banda-Sea type subduction system outboard of VanDieland. (D) Re-establishment of a stable, linear convergent margin during the Early Devonian.

Lachlan Orocline Model – Subduction roll back caused by accretion of Vandieland to the Australian continent. (Moresi et al. 2015, modified from Wilson et al. 2020).

- NE Tasmania is interpreted to be part of the Lachlan Orogen – a geological extension of the Victorian Goldfields

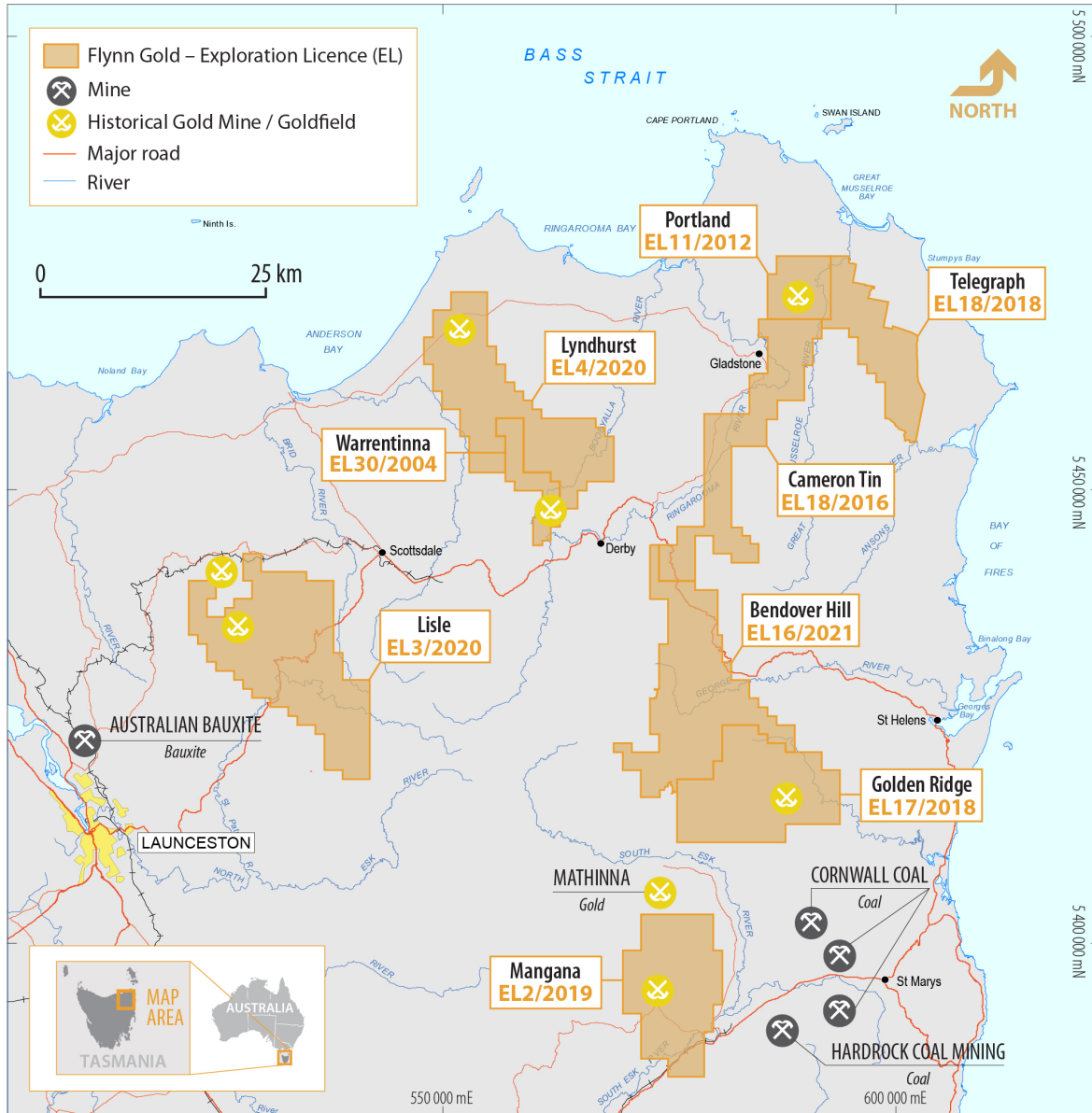
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Northeast Tasmania...Continued...

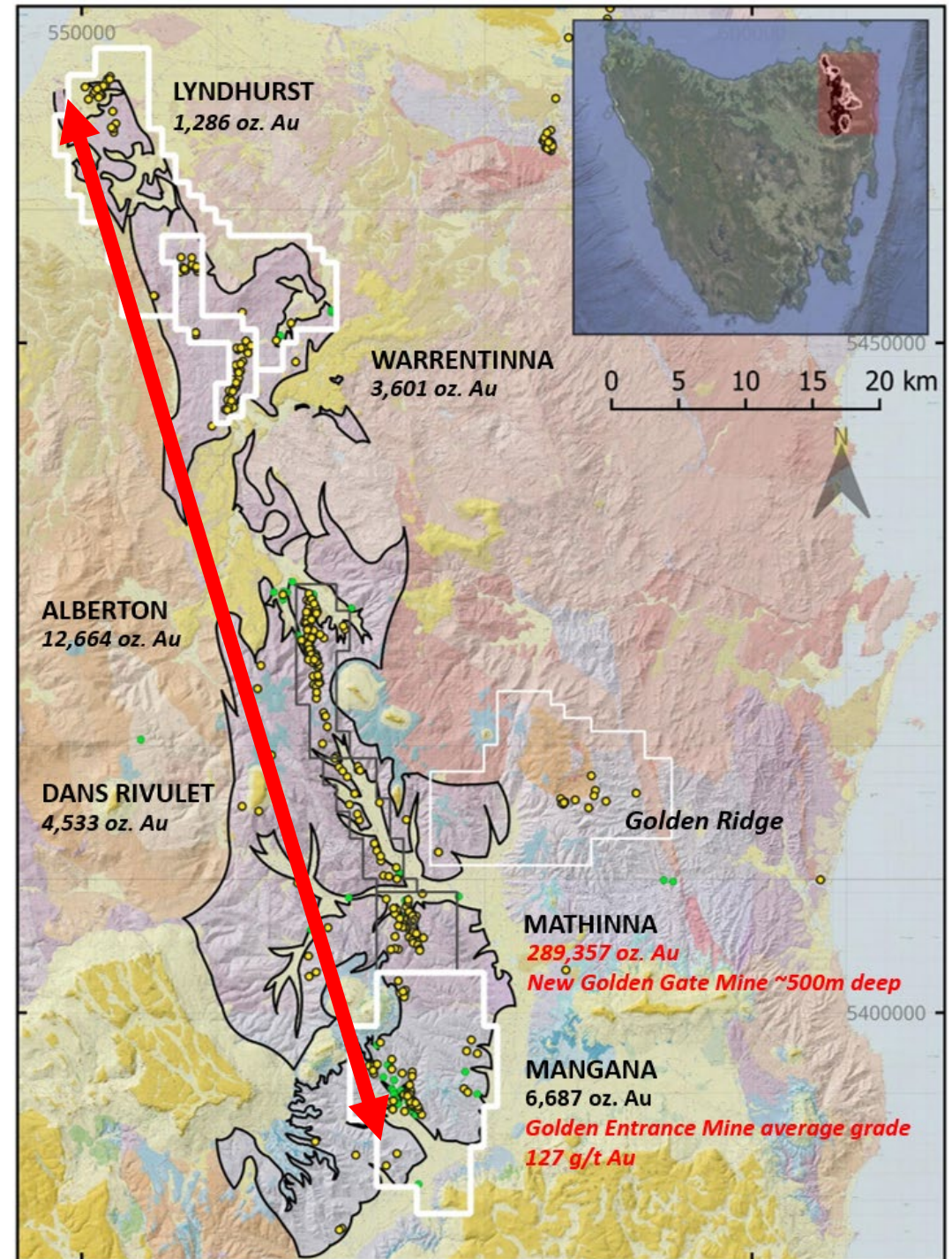


- *FG1 has secured key under-explored ground with historical workings. These areas have excellent potential for new discoveries of high-grade gold vein systems as well as tin-tungsten*

Lyndhurst – Mangana Golden Corridor

Regional Geology

- The majority of ~600 recorded gold occurrences in NE Tasmania occur in a narrow 80km belt between **Lyndhurst** and **Mangana**
- The gold belt is hosted in Ordovician to Devonian turbidites of the Mathinna Supergroup
 - Tightly folded by at least 2 deformation events, with axial planes trending North to North-northeast (average) related to the Devonian Tabberabberan Orogeny (Reed 2001)
 - Metamorphosed to sub- to mid- greenschist facies (during regional compression - Tabberabberan) (Patison et al. 2001)
 - Intruded by Devonian to Carboniferous I- and S-type granitoids (Scottsdale and Blue Tier Batholiths) (Black et al. 2010)



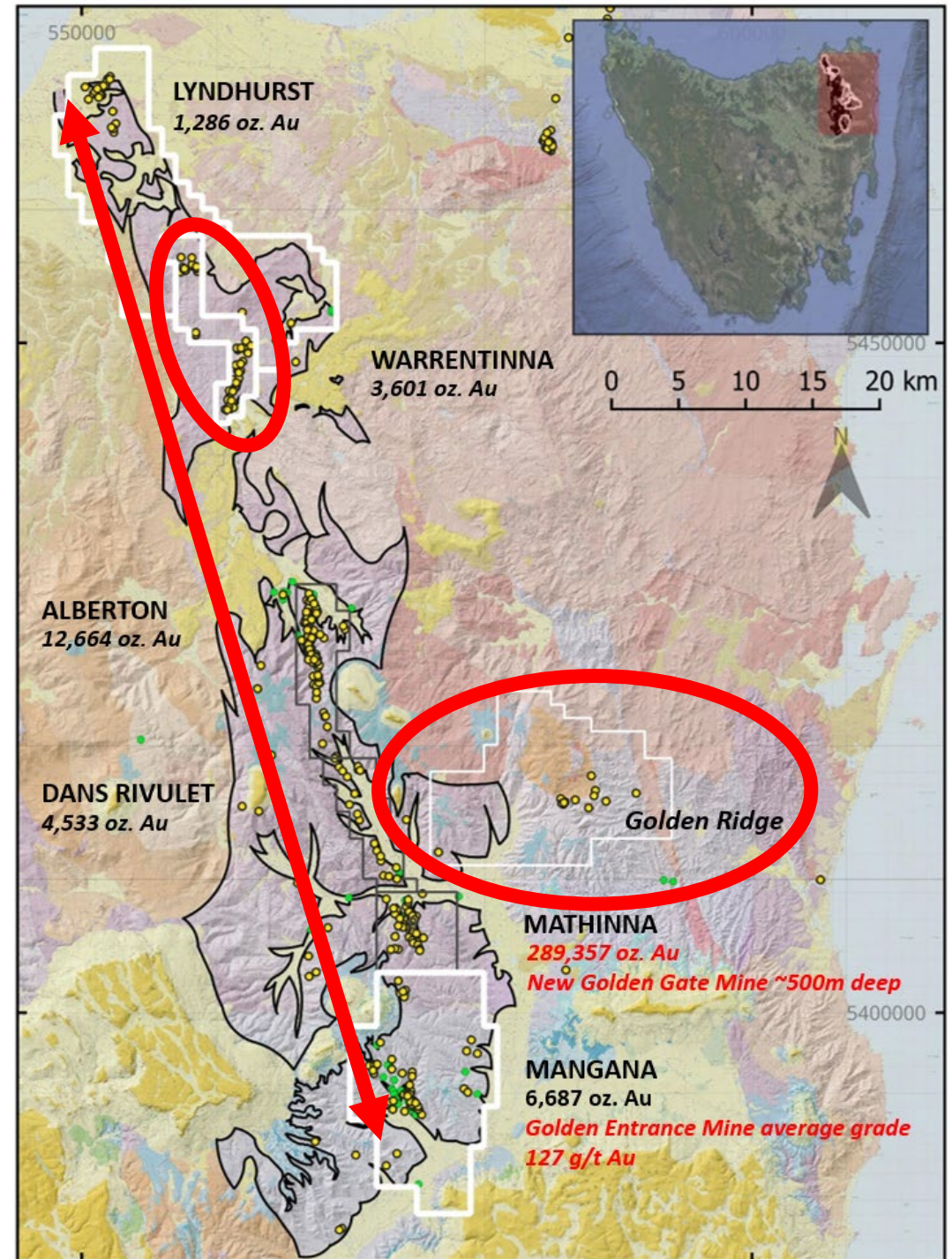
Lyndhurst – Mangana Golden Corridor

Historical Goldfields

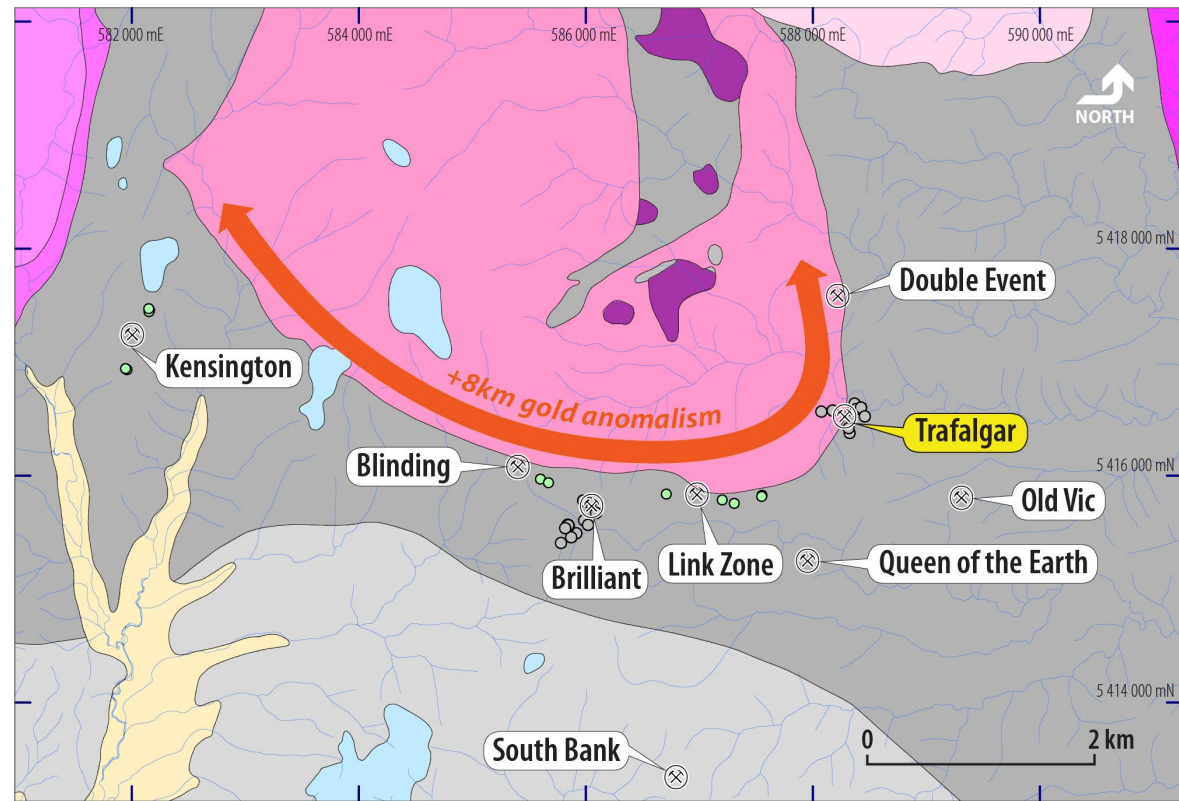
Goldfield	Main Production Period	Gold Ounces
Lyndhurst	~1890's	1,286
Warrentinna	1890 - 1920	3,601
Alberton	1883 - 1904	13,664
Dans Rivulet & Tower Hill	1888 - 1906	4,533
Mathinna	1880 - 1932	289,357
Mangana	1852 - 1910	6,687

Historic reports usually quote average grades of around 1 oz/t Au and up to **127g/t Au** at the **Golden Entrance Mine (Mangana)**.

Most prospects were worked to shallow depths (down to 60m), with the exception of **New Golden Gate** (Mathinna ~500m deep) and Ringarooma Unite Mine (alberton 119m deep).



Golden Ridge Project



Golden Ridge Granodiorite	Pyengana Pluton Granitoids (Outer)	Hornfelsed Mathinna Group
Hogans Road Diorite	Poimena Monzogranite	Permian Sediments (Cover)
Pyengana Pluton Granitoids (Inner)	Mathinna Group Turbidites	Quaternary Sediments (Cover)
Gold Prospect	Stream	Flynn RC drill hole
		Flynn Diamond drill hole

Golden Ridge Project – Geology



Positive Indications of a large Intrusive Related Gold System (IRGS)

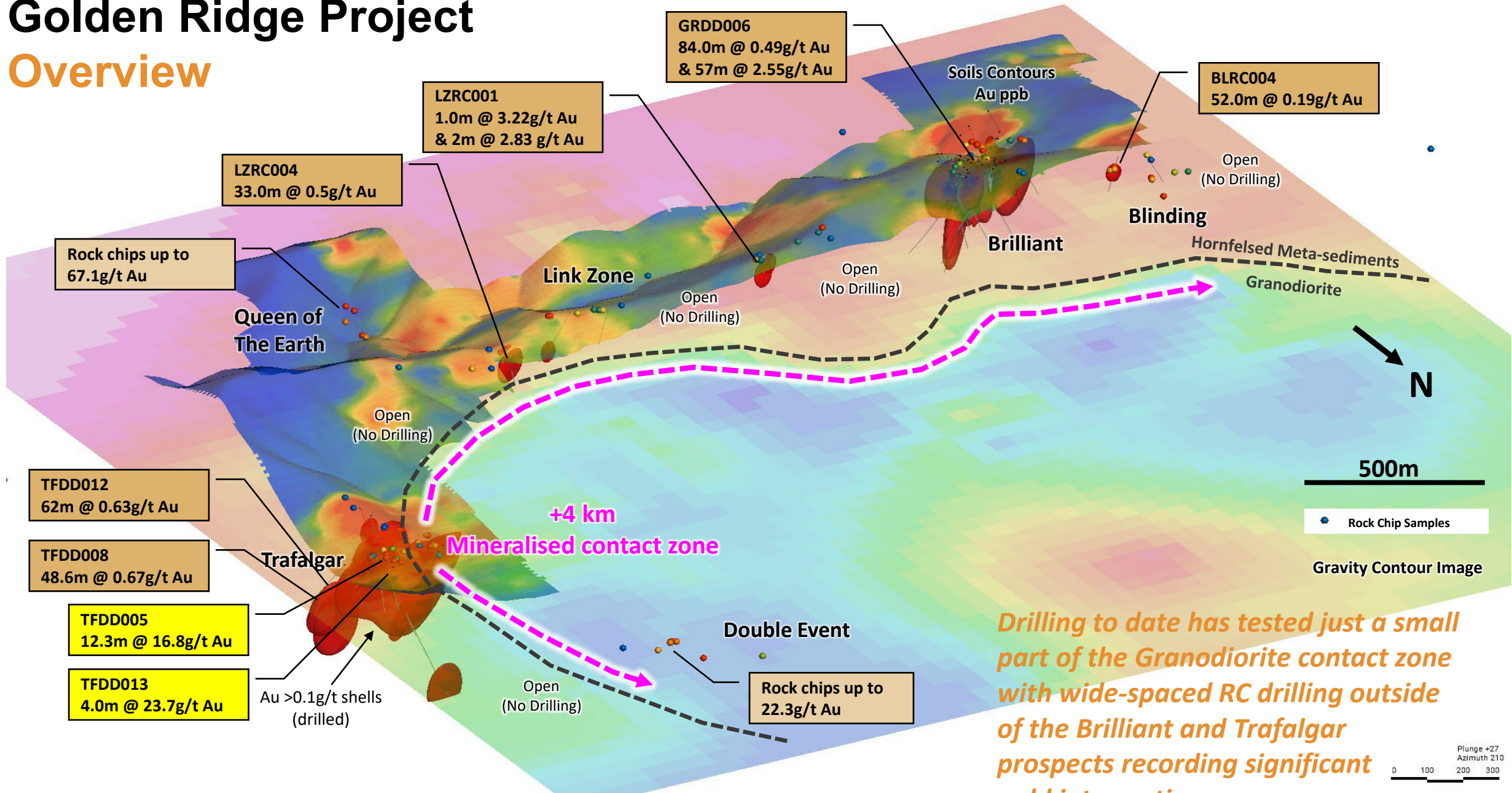
- Historical shafts and adits at multiple prospects
- Significant gold anomalism near granodiorite-sediment contact (IRGS) - **8km mineralised zone**

Flynn Gold Drilling Activities since 2021

- Diamond drilling at **Brilliant** (14 holes) – **gold mineralised system is open along strike**
- Diamond drilling at **Trafalgar** (14 holes) - exceptional drilling results recorded with **high-grade (<100g/t Au) gold mineralisation demonstrating the potential for a significant resource**
- RC drilling at Kensington, Blinding and Link Zone (12 holes) - significant gold mineralisation intersected, **confirming potential for an extensive gold mineralisation system**

Golden Ridge Project

Overview

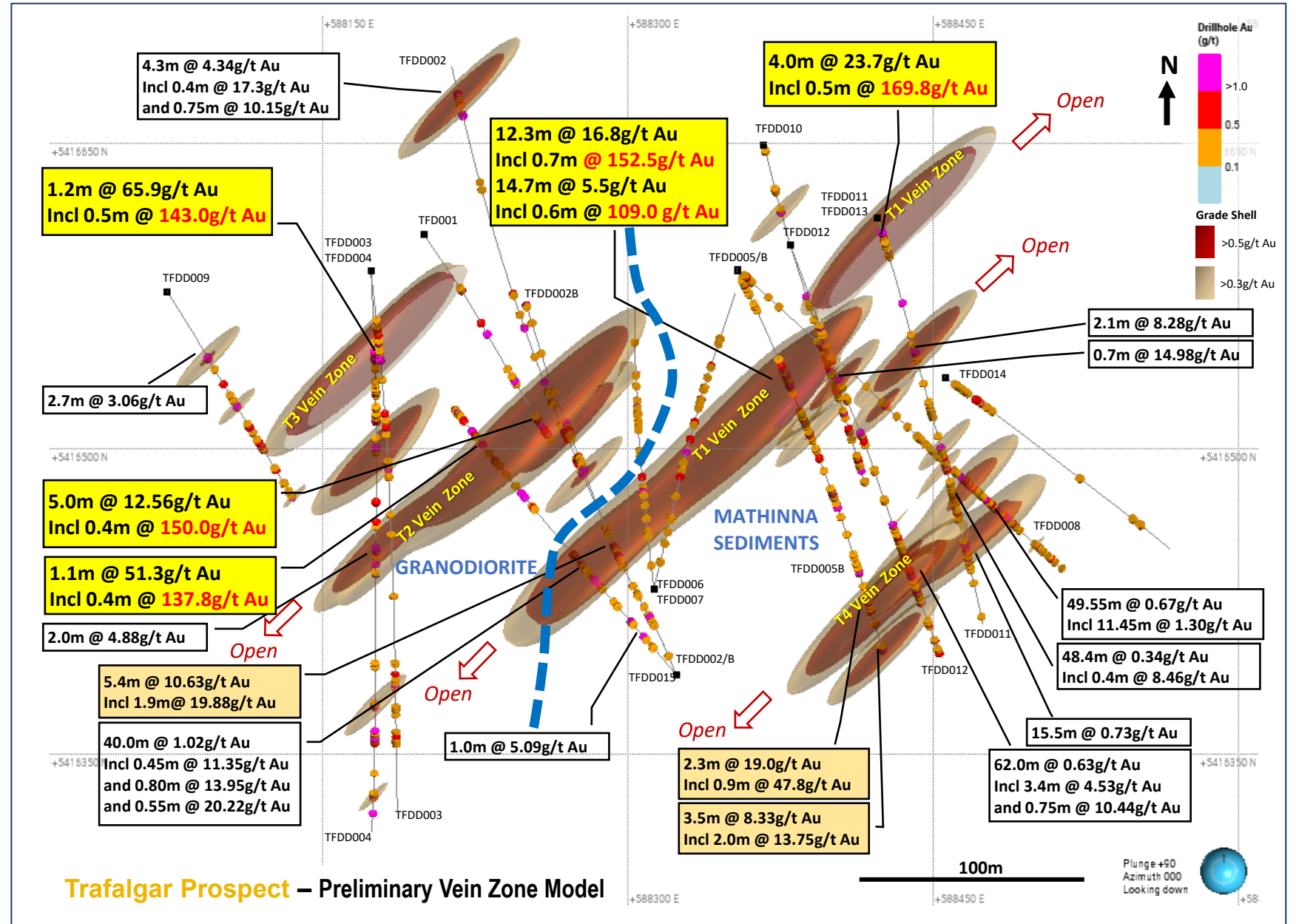


Drilling to date has tested just a small part of the Granodiorite contact zone with wide-spaced RC drilling outside of the Brilliant and Trafalgar prospects recording significant gold intersections

Golden Ridge Project

Trafalgar Prospect

- Gold mineralisation over **400m strike length** identified to date - open along strike and down dip
- Multiple quartz-sulphide vein intervals grading **>100g/t Au**
- Vein Model identifies at least 4 main vein zones – T1, T2, T3 and T4 zones
- 1st round metallurgical tests yield **94.5% Au recovery**



References:

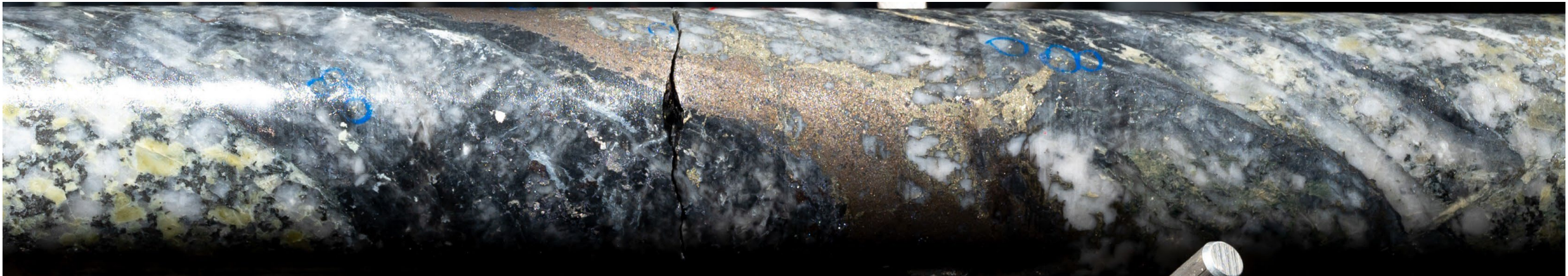
- ¹FG1: ASX Ann. 21 Sep 2022
- ²FG1: ASX Ann. 24 Oct 2022
- ³FG1: ASX Ann. 12 Dec 2022
- ⁴FG1: ASX Ann. 19 Jan 2023
- ⁵FG1: ASX Ann. 14 Feb 2023
- ⁶FG1: ASX Ann. 11 May 2023
- ⁷FG1 ASX Ann. 18 Jul 2023
- ⁸FG1 ASX Ann. 14 Sep 2023
- ⁹FG1 ASX Ann. 10 Oct 2023
- ¹⁰FG1 ASX Ann. 22 Nov 2023

Golden Ridge Project

Trafalgar Prospect



Hornfelsed Mathinna Sediment host - Quartz vein with pyrite-arsenopyrite-pyrrhotite-galena-sphalerite and hornfelsed bx clasts in TFDD005 at 120.3m (0.7m @ 152.5g/t Au)



Granodiorite host - Quartz vein with pyrite-arsenopyrite-sphalerite-galena and vis Au in TFDD0015 at 354m (0.4m @ 150.0g/t Au)

Deposit Styles: IRGS vs Orogenic Gold

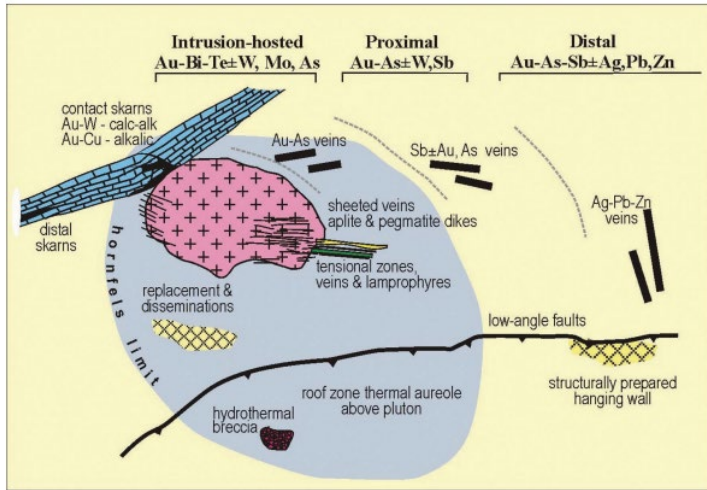
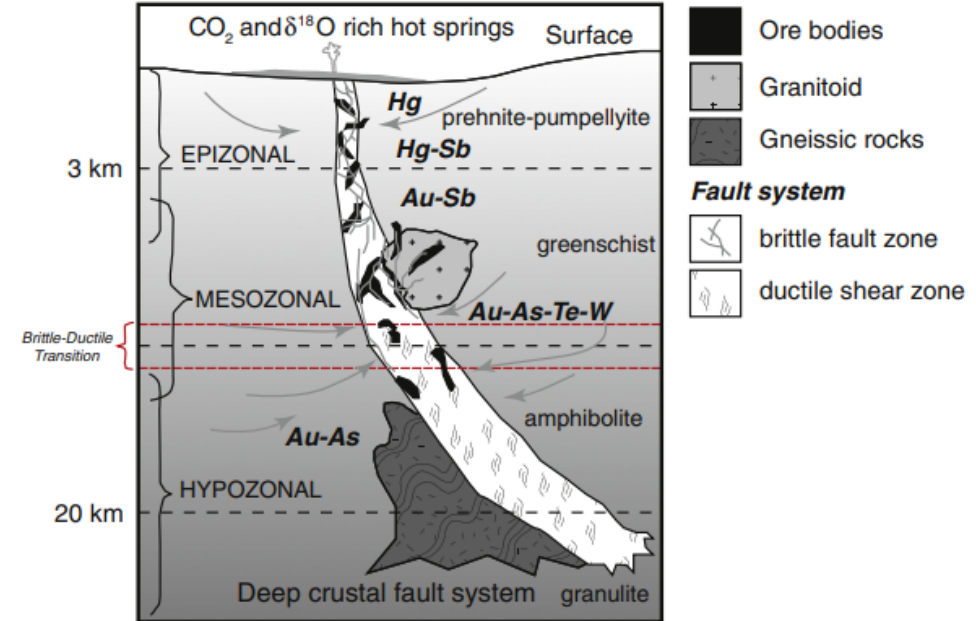
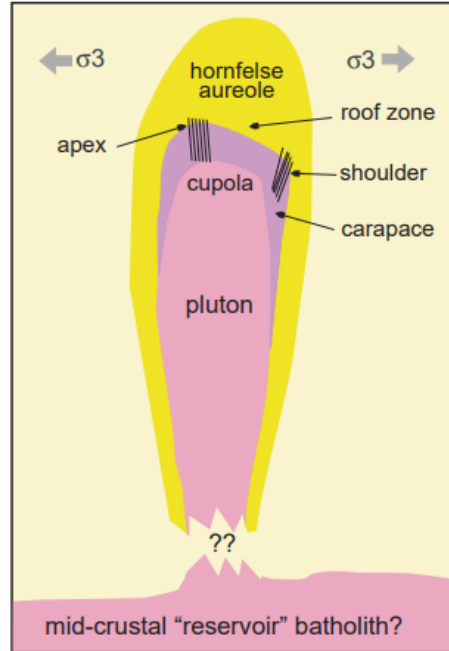


Fig. 1. General plan model of intrusion-related gold systems from the Tintina Gold Province. Note the wide range of mineralization styles and geochemical variations that vary predictably outward from a central pluton. From Hart et al. (2002).



IRGS – Golden Ridge

Intrusion Related Gold Systems form from fluids derived from an evolving magma and are genetically associated with igneous processes.

(Hart 2007; Hart & Goldfarb 2015)

Orogenic Gold – Lyndhurst-Mangana

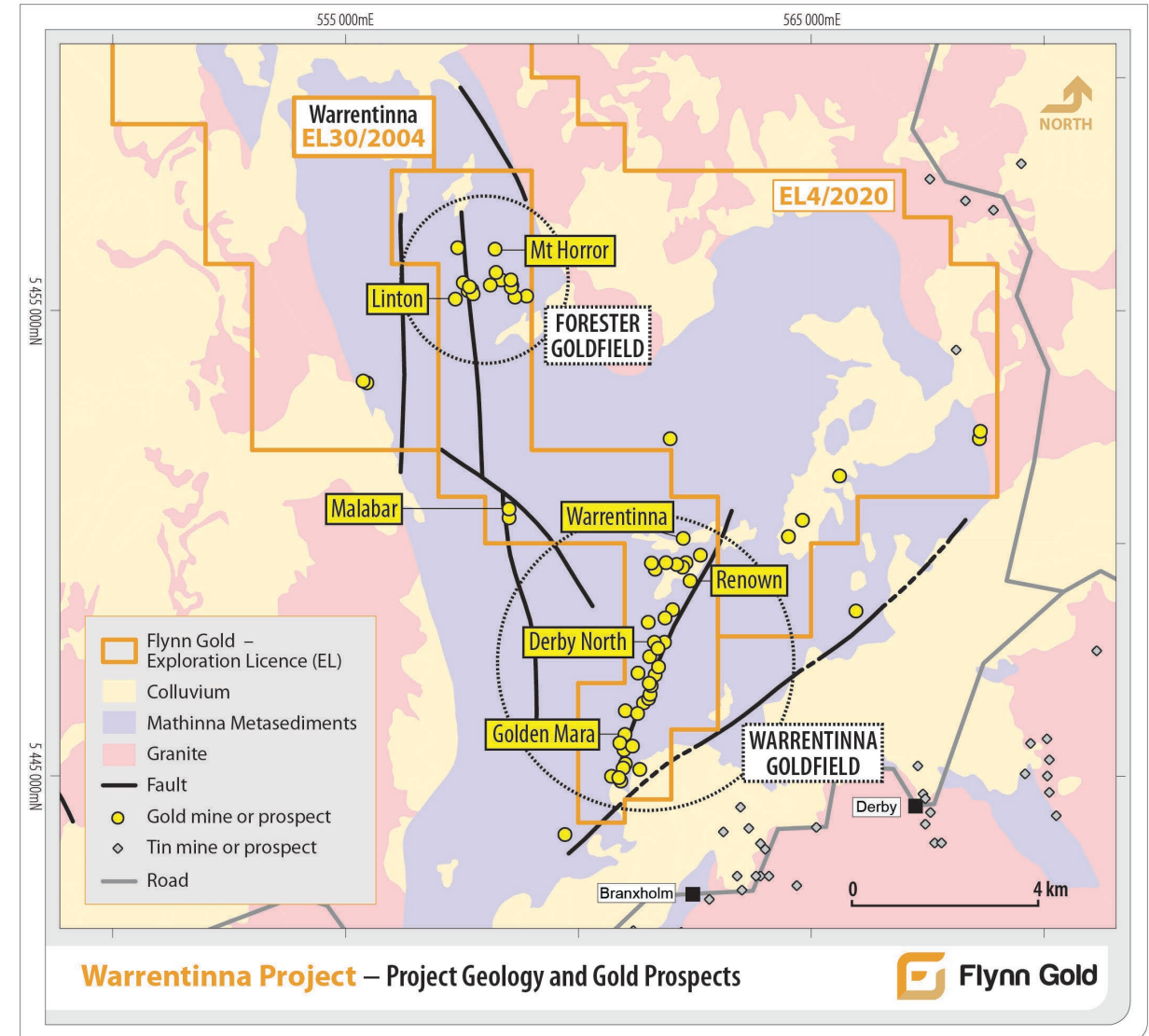
Generally agreed that Orogenic Gold is produced from orogenic processes, like mountain building, and are derived from fluids that have a metamorphic source.

(Goldfarb & Groves 2015)

Warrentinna Gold Project

Significant gold targets within Lyndhurst – Mangana Golden Corridor

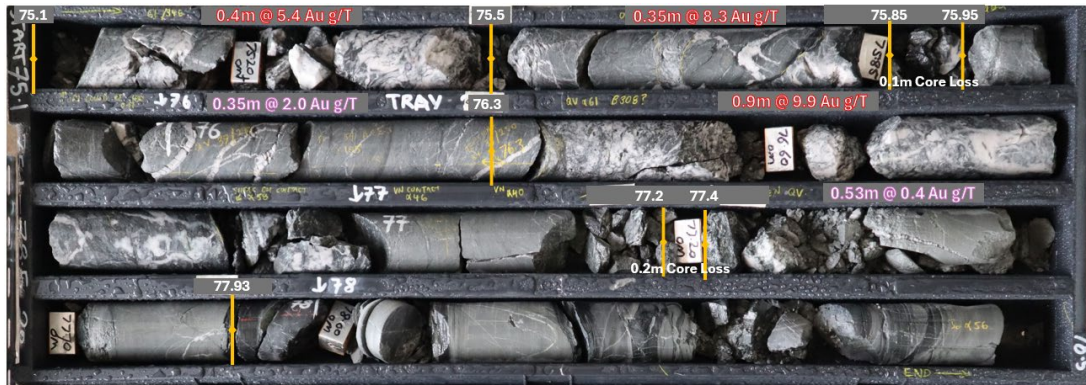
- Gold mineralisation & old workings **over 6km strike**
- **Golden Mara** mine produced 3,368oz @ 1oz/t (**31g/t Au**)
- Significant shallow gold intersected at **Derby North**:
 - ❑ **26.0m @ 2.3g/t Au** from 5m,
 - ❑ **21.7m @ 3.3g/t Au** from 9.3m,
 - ❑ **11.7m @ 2.8g/t Au** from 115m, and
 - ❑ **43.0m @ 1.5g/t Au** from 10m
- Drilling completed by Flynn at Derby North in Oct 2023
- The drilling program confirmed **highly prospective orogenic-style gold mineralisation** which coincides with historical mine workings
- Early potential for **JORC compliant Mineral Resource** at Derby North with further shallow drilling



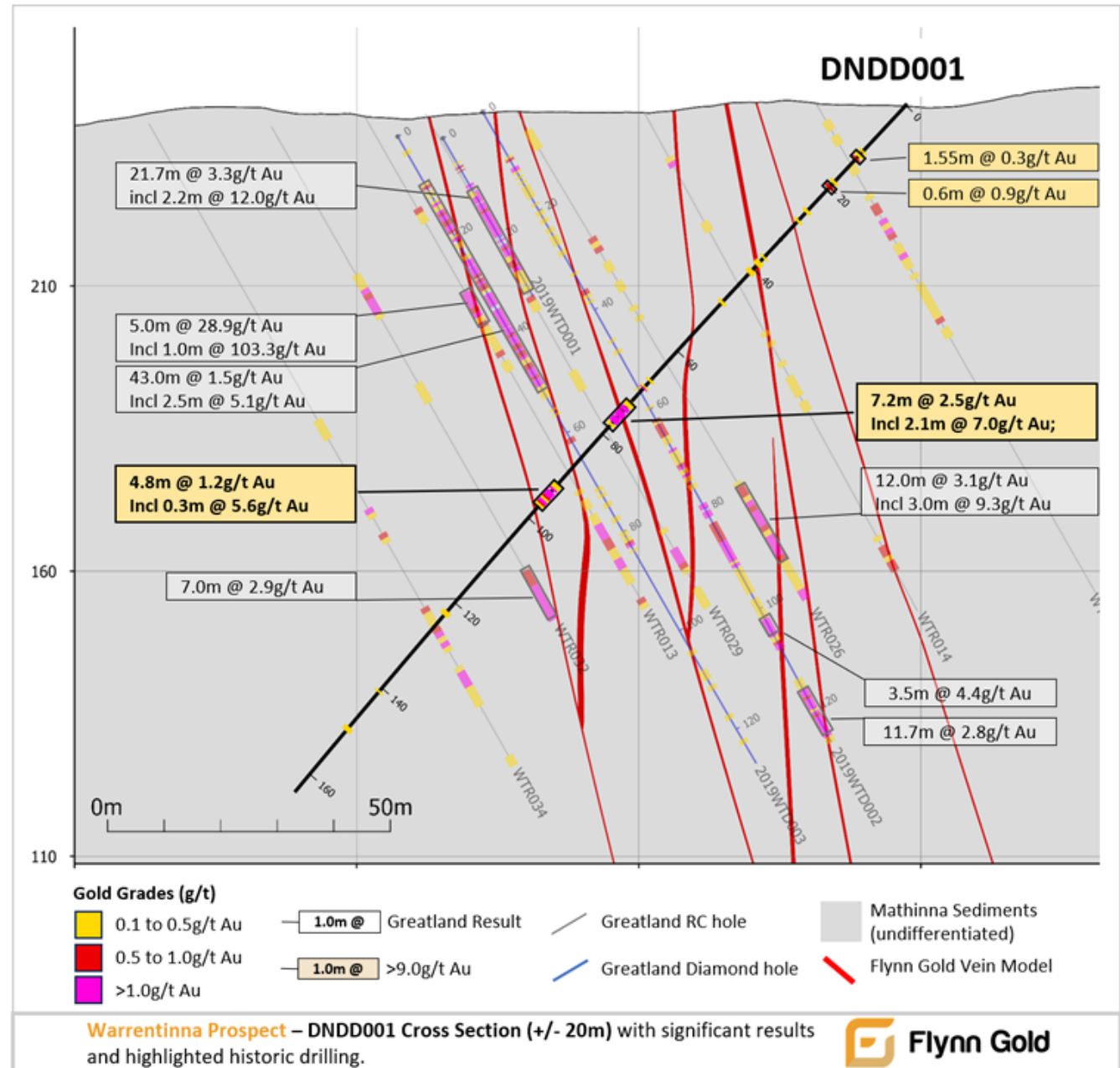
Warrentinna Gold Project

Derby North Drilling

- First FG1 Drilling program - 2 drillholes for 357m¹
- Best intercepts reported in hole DNDD001:
 - **DNDD001:**
 - **7.2m @ 2.5g/t Au** from 68.9m, including
 - **2.1m @ 7.0g/t Au** from 75.1m, and
 - **4.8m @ 1.2g/t Au** from 92.0m, including
 - **0.3m @ 5.6g/t Au** from 94.6m
 - **Multiple zones of auriferous quartz veining** hosted in turbiditic sediments similar to the **Victorian Goldfields**



Photographed core from DNDD001 showing high grade gold intervals in lode style quartz veins from mineralised zone 7.2m @ 2.5g/t Au from 68.9m

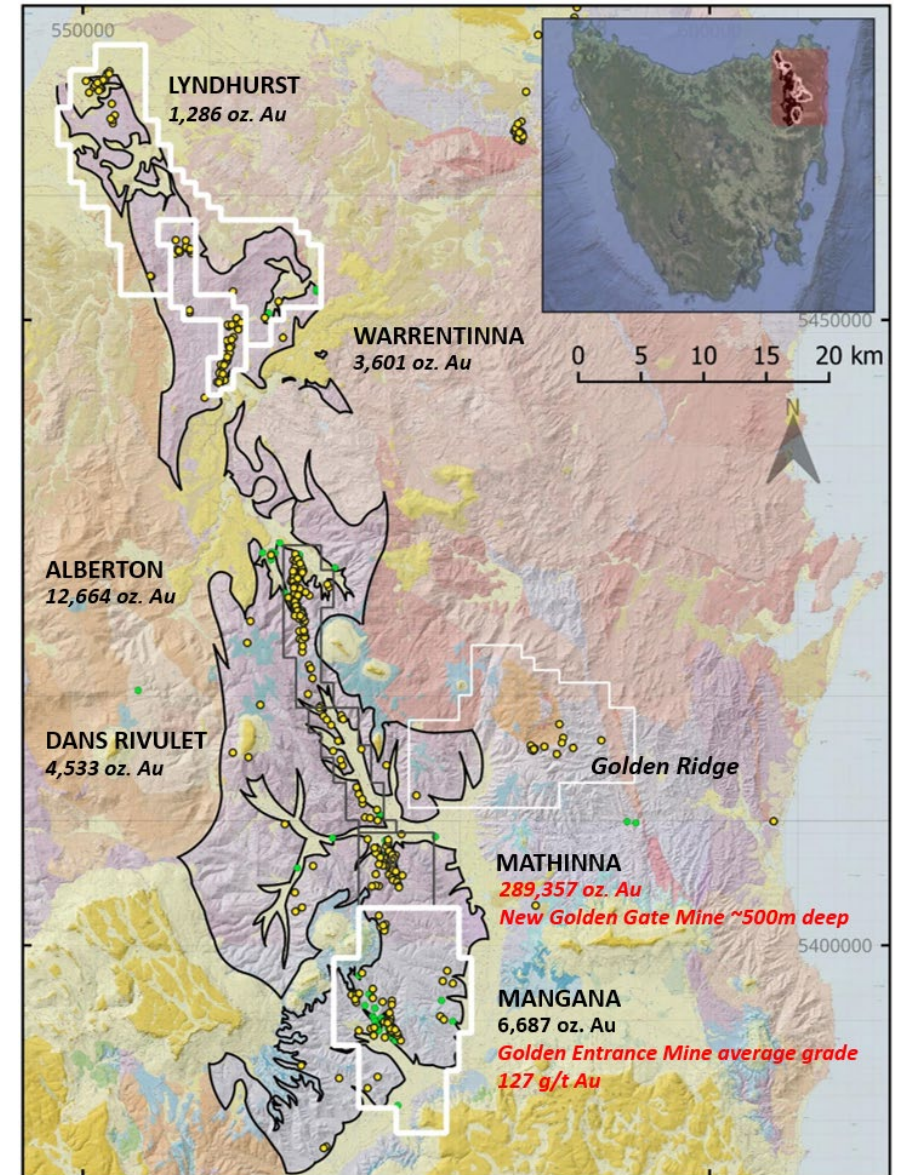


Reference: ¹Refer to ASX:FG1 announcement dated 12 January 2024

Lyndhurst – Mangana Golden Corridor

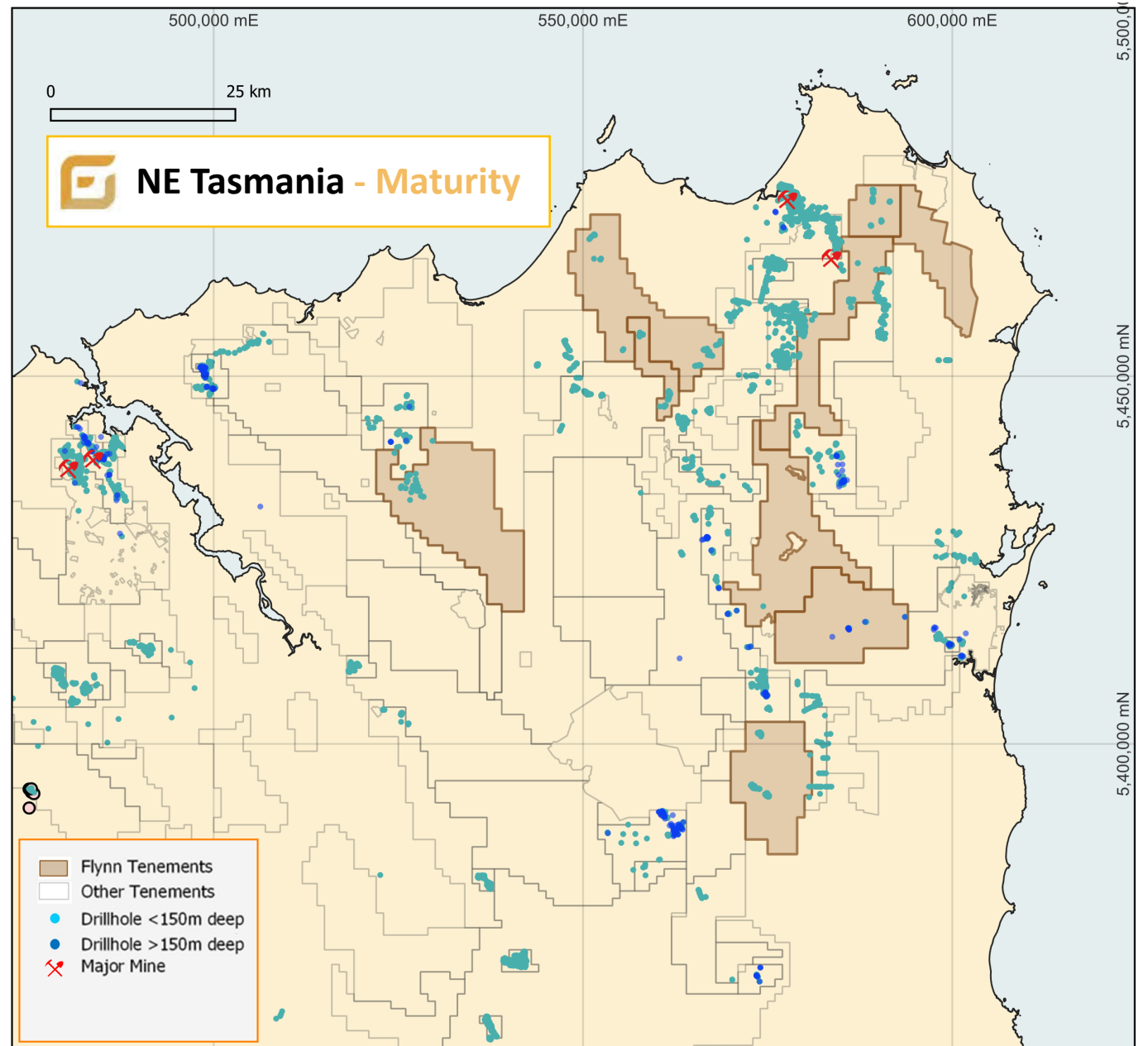
Summary

- Linear belt defines **crustal scale structural control** of orogenic gold mineralisation
- Evidence indicates mineralising fluids are metamorphic in origin (**orogenic gold**)
- A laterally continuous structure mineralised by metamorphically derived fluid must have deep roots.
- **Gold mineralisation must be continuous at depths beyond 60m**, as proven by the Golden Gate Mine at Mathinna (500m deep structure, ~250,000oz. Au).
- With 100's of recorded gold occurrences start exploration in areas of rich data density to understand structural controls of mineralisation, and use this to help predict reef geometry elsewhere
- **Success at one prospect will ignite interest in many others...**



Under-explored NE Tasmania

- *NE Tasmania remains an immature region when measured by the amount of drilling completed as shown on this map*
- *Historical drilling in NE Tasmania has been very limited and mostly has not tested below 150m depth*





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