



### Investor Presentation May 2022

Exploring for gold in two emerging districts – Northeast Tasmania and WA's Pilbara region

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All figures in this document are in Australian dollars (AUD) unless stated otherwise.



2022 Outlook – positive start for FG1 and growth into 2022 - 23

Successful IPO raising \$10m with strong support from cornerstone investor and UK

Drilling on three gold prospects in first 12 months since IPO – Brilliant, Trafalgar and Portland

Initial 4,222 m drilling program at Brilliant completed with final assays awaited

Building portfolio of Au-Li projects in WA – all 100% FG1

Continue to build our exploration team with a focus on supporting local talent

\$6.5m cash to deliver strong performance in 2022 - 2023 (nil debt)



# Exploration Strategy – portfolio of quality assets

- ✓ Target high-value, under-explored districts NE Tas, WA
- ✓ District-scale mineralised systems
- ✓ Develop large-scale exploration footprint
- ✓ Own projects owned 100%
- ✓ Deposit style optionality Orogenic Au / IRGS
- Commodity optionality Au / Li / Sn-W / Zn-Ag / Fe



- 26 tenements and applications
- 1,232 km<sup>2</sup>, 100% Flynn Gold (via PTR)
- Emerging gold camp
- Adjacent to Hemi discovery by DEG.ASX (9.0 Moz initial resource)

#### Northeast Tasmania

- 7 granted tenements and 1 application
- 1,334 km<sup>2</sup>, Flynn Gold holds 100%
- Interpreted extension of Victorian goldfield
- Drilling now at Trafalgar prospect, Golden Ridge

**Pilbara** 

Yilgarn

Au, Li, Fe

Au, Li

Drilling now at Grand Flaneur prospect, Portland

NE Tas

Au. Sn-W

# **Flynn Gold Corporate Information**

#### **Capital Structure**

ASX Code	FG1	
Share price 24th May, 2022	A\$0.145	
Cash 30 March 2022	\$6.5m	
Debt	Nil	
Shares on issue	95.1m	
Market Cap at \$0.145/sh	\$13.8m	
Options <sup>1</sup>	3.0m	
Performance Rights <sup>2</sup>	1.09m	

1 Expiry June 2024, \$0.25/sh exercise price

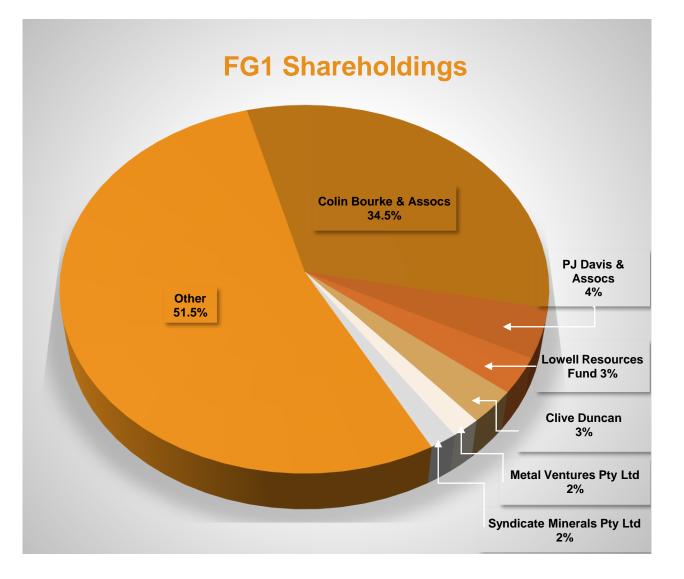
 $^{\rm 2}$  Issued to multiple employees with various vesting conditions

#### **Board of Directors**

#### Key Management

Clive Duncan (Chairman)
Sam Garrett (Exec Director)
John Forwood (Non-Exec Director)

Doug Kirwin (Technical Advisor) Sean Westbrook (Expl Manager) Mathew Watkins (Co Secretary)



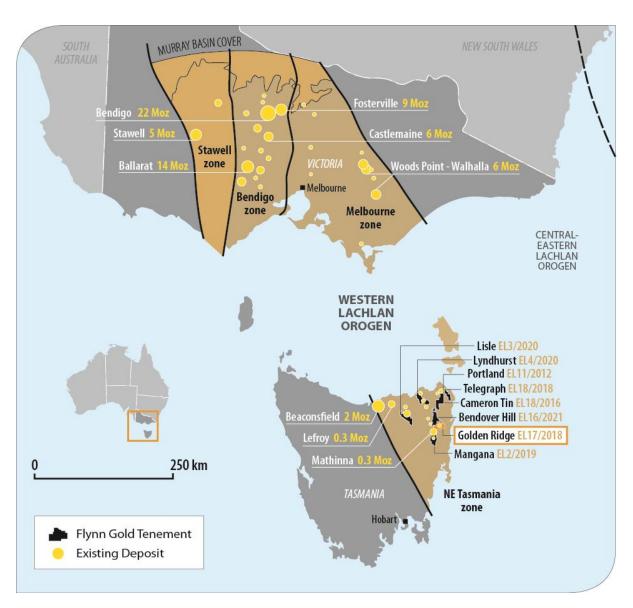
# Northeast Tasmania Gold - a large position in an under-explored trend

#### Northeast Tasmania:

Under-explored Mathinna Beds geology and mineralisation – Geological analogy to the Victorian Goldfields

Victoria		Northeast Tasmania
\$185m <sup>1</sup>	Exploration Expenditure 2020/21	~\$14m <sup>1</sup>
82 Moz	Historic Production	2.7 Moz
200 km	Outcropping Zone	100 km
$\checkmark$	Interpreted Western Lachlan Orogen	$\checkmark$
$\checkmark$	Orogenic & IRGS/TAG Style Au	$\checkmark$
$\checkmark$	Devonian Granitoids (400-370 Ma)	$\checkmark$
$\checkmark$	Ordovician Turbiditic Sediments	$\checkmark$

<sup>1</sup> State-wide including mine-site exploration (Australian Bureau of Agriculture and Resource Economics Service 2020-21)





# Northeast Tasmania Gold – building on two camp-scale Au systems

#### Flynn Gold has a dominant position in the belt and early-mover advantage

#### **Golden Ridge Project**

# Bulk tonnage IRGS target potential not previously recognised

- Fort Knox 5Moz, Alaska
- King of the Hills 4+Moz, WA
- Gold anomalism over 8km of strike and historical workings
- Limited historical exploration
- 4,222m diamond drilling completed at Brilliant prospect
- Drilling in progress at Trafalar
- Large new IP targets generated
- Trenching, soils, IP programs underway to define new targets
- Potential camp scale system



#### **Portland Gold Project**

# High-grade "Fosterville-style" gold mineralisation confirmed

- +30 km strike potential of multiple exploration targets
- Historic goldfield with limited exploration history
- Outcropping discovery at Windy Ridge (10m@5.3g/t Au)<sup>1</sup>
- Extensive As-in-soil anomalies
- Drilling at Grand Flaneur following up high grade drill intercepts<sup>1,2</sup>;
  - 1m @ 17.7 g/t Au from 27m
  - 1.4m at 9.7g/t Au
- Potential for camp-scale system

<sup>1</sup>FG1: ASX 15 June 2021 (Prospectus) <sup>2</sup>FG1: ASX 13 October 2021

# Golden Ridge IRGS Project – all the signs of a big gold system

# Significant gold anomalism at granodiorite-sediment contact – Golden Ridge trend

- Defined by resistive silicification (the Ridge), historical mines, stream, rock, soil anomalism
- Limited historical drilling Brilliant and Trafalgar
- FG1 exploration to date includes;
  - Regional mapping and sampling surveys
  - Gravity and GAIP surveys with follow-up dipole-dipole IP
  - 4,222 m diamond drilling at Brilliant prospect
- Now drilling at Trafalgar gold hosted in granodiorite!
- Trenching, soil sampling, D-IP in progress new drill targets
- FG1 strategy develop camp scale system





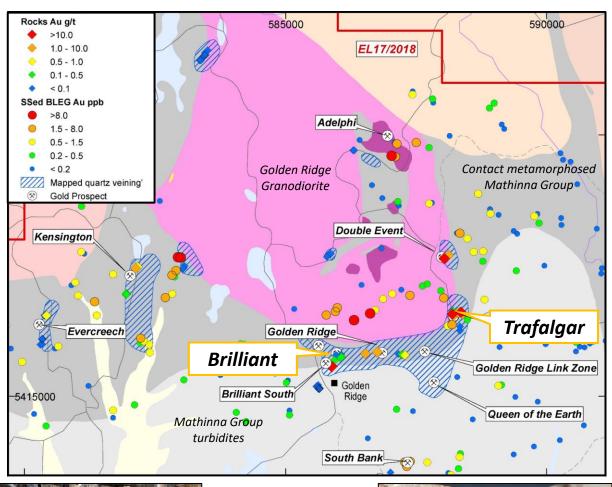


Shingle Breccia: Kensington

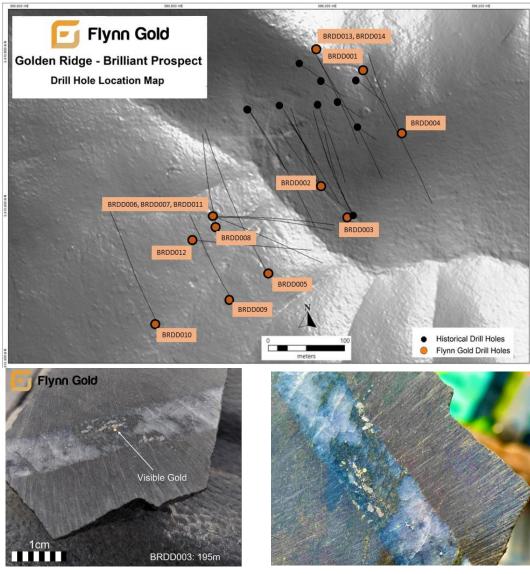


Visible Gold: Trafalgar



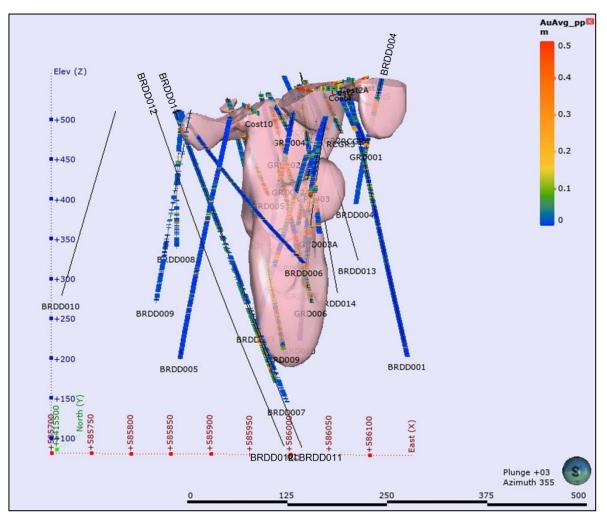


### Brilliant Prospect – Phase 1 drilling completed





BRDD 003 from157.2m (**0.5m** @ **17.9 g/t Au**)



- Phase 1 diamond drilling 4,222m completed
- Assays awaited for final 4 holes
- Broad lower grade zones developing at surface
- Coincident dipole-dipole IP anomaly extends untested toward the west

# Golden Ridge – Diamond drilling in progress at Trafalgar prospect





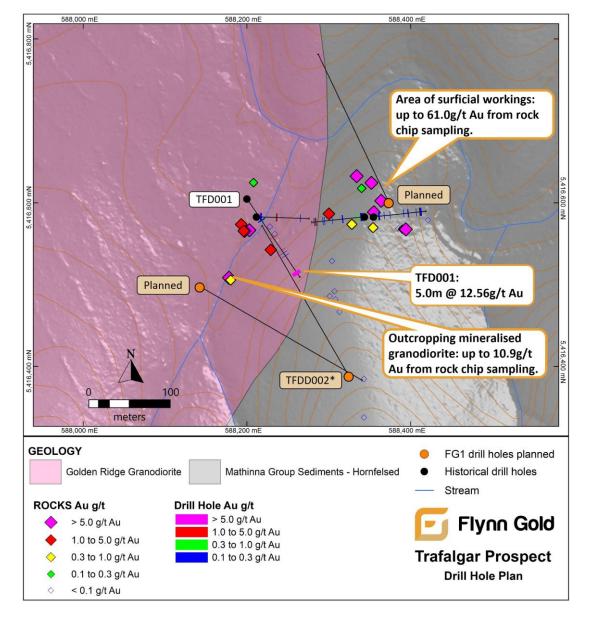
Historical drillhole **TFD001** successfully targeted bonanza grade gold beneath old workings but failed to intersect the granite-hornfels contact.

Significant results<sup>1</sup> include;

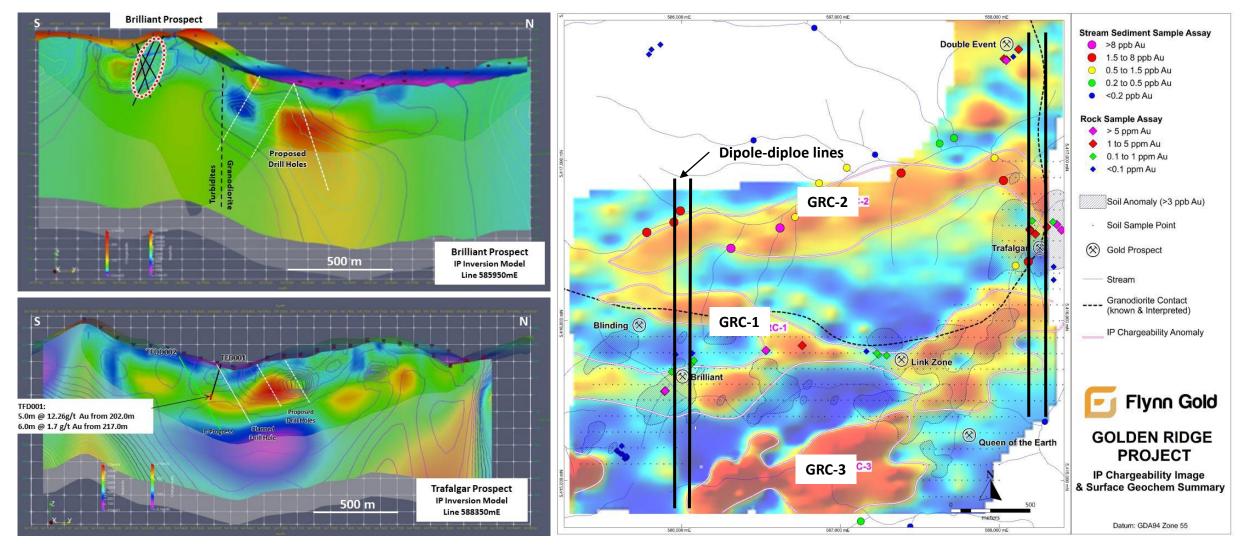
- 5.0m @ 12.26g/t Au from 202.0m
- 6.0m @ 1.7 g/t Au from 217.0m

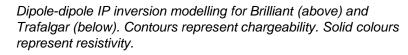
#### Current program includes;

- 1,400m drilling planned in 3-4 holes
- Testing extensions to the system and the granitesediment contact
- Hole TFDD002 in progress
   (EDGI co-funded)



### Golden Ridge – Dipole-dipole IP to define new targets

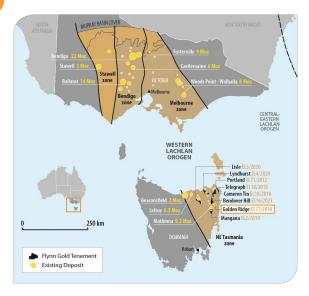




Flynn Gold

Golden Ridge IP Chargeability (GAIP) plan view with surface geochemistry summary. Soil sampling does not extend over the full strike length of the extensive northeast-trending chargeability anomalies GRC-2 and GRC-3.

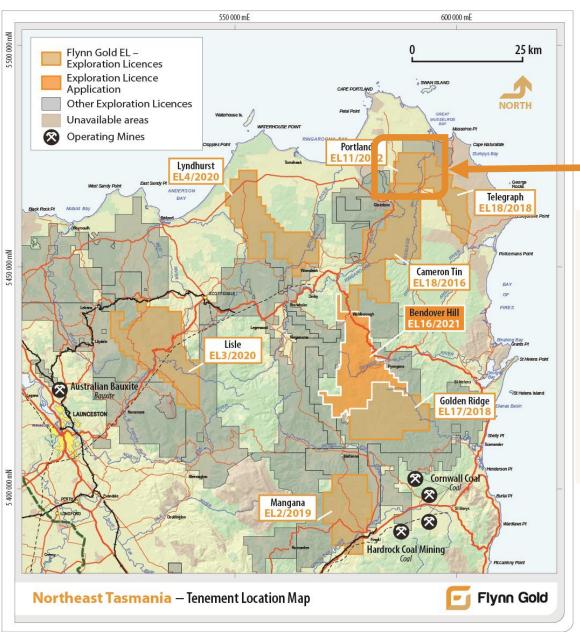
### Portland Gold Project – exploration for "Fosterville-style" gold deposits



- >60 Moz produced in Victoria since 1850's from outcropping South Bendigo Zone
- Vic Govt. study<sup>1</sup> estimates 32 Moz of undiscovered gold in North Bendigo Zone under cover
- No similar study for NE Tas' underexplored orogenic Au trend – FG1's opportunity

- http://earthresources.efirst.com.au/categories.asp?cID=42&c= 73650

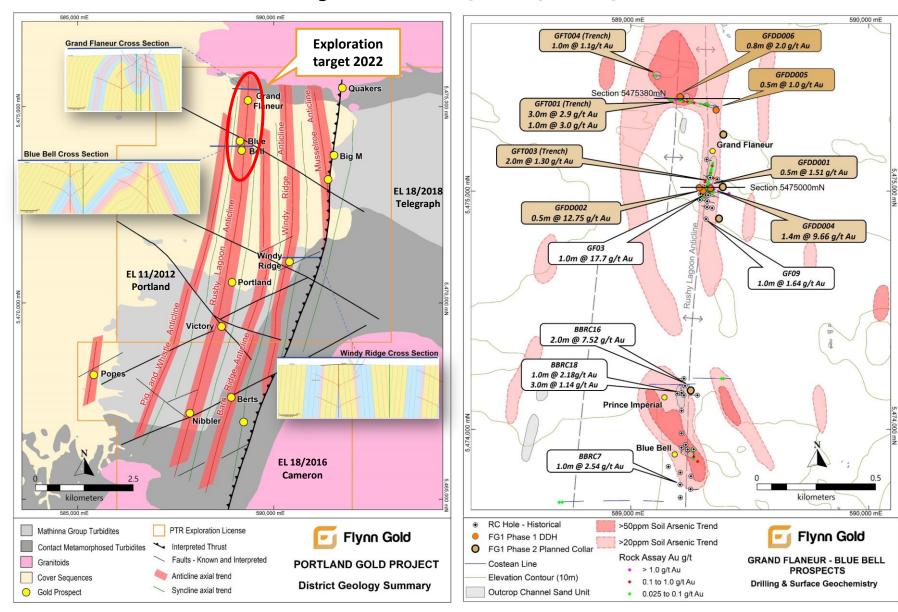
Flynn Gold



#### **Portland Gold Project**

- High-grade "Fosterville-style" gold mineralisation confirmed
- +38 km strike potential of multiple exploration targets associated with 5 anticlinal hinge trends (<5% explored)</li>
- Similarities to Victorian systems;
  - Parallel anticlinal trends of tightly-folded turbiditic sediments
  - Au hosted in shallow reverse faults crossing fold hinges
  - Siderite alteration proximal
  - Au-As-Sb association typical of epizonal gold deposits
  - Extensive brittle fracturing in fold hinges
- Outcropping discovery at Windy Ridge (10m@5.3g/t Au)<sup>1</sup>
- Historic goldfield with limited exploration history

### Portland Gold Project – targeting orogenic style Au mineralisation



Flynn Gold

- Anticlinal trends defined by magnetics, historical mines, mapping, trenching and soil As-Sb anomalies
- 2020: Maiden diamond drilling programme at Grand Flaneur and Windy Ridge
- Grand Flaneur: 6-holes targeted As soil and Au trench anomalies plus historical drill results<sup>1</sup> including;
  - 1m @ 17.7 g/t Au from 27m (EOH)
- All holes intersected **tightly folded**, **upright stratigraphy** and **primary gold mineralisation in 5 of 6 holes**, **including**<sup>2</sup>;
  - 1.4m at 9.7g/t Au
  - 0.5m at 12.75g/t Au
- High grade intercepts in holes / prospects 1-1.5 km apart (Grand Flaneur – Prince Imperial) with no historical exploration between
- Detailed interpretation vectors to priority targets hosted within the Rushy Lagoon Anticlinal structure over 2 km strike between Grand Flaneur – Blue Bell

### **Grand Flaneur Prospect** – Phase 2 diamond drilling in progress

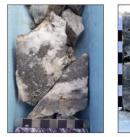


Diamond drilling of GFDD007 at Grand Flaneur prospect, April 2022.

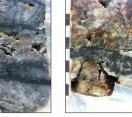
1000m diamond program (4-6 holes) •

W

- Target 1: high grade gold associated • with low-angle reverse faulting
- Target 2: high grade gold hosted in anticlinal "reef" setting at depth
- High grade gold mineralisation exhibits characteristic sulphide banded texture recognised throughout the field at other prospects including Portland and Ross' Reef

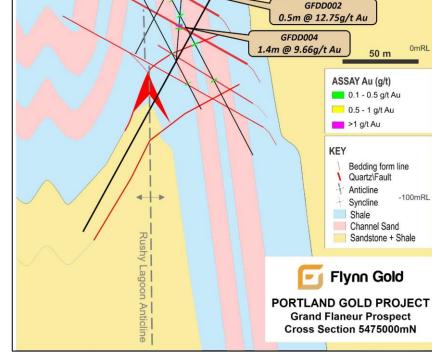






Portland Workings 63.8g/t Au, 147g/t Ag 6.2% As, 272ppm Sb, 1.3ppm Bi





Drill target model for Grand Flaneur. Drill results reported in ASX release dated 13 Oct 2021.

Celogo C

GFDD001

0.5m @ 1.51g/t Au

GFDD GFDD



100mRL

Surface

0mRL

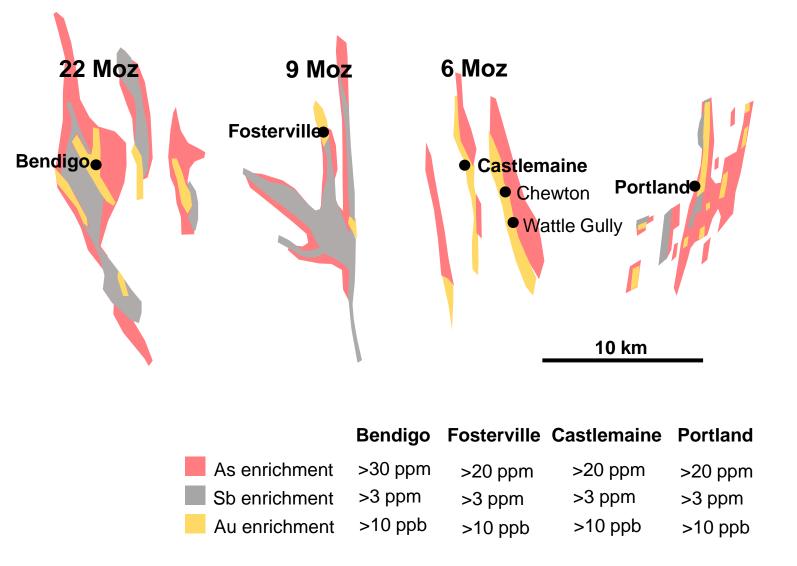
-100mRL

50 m

### Comparison to Victorian Au districts - exploration spending a key differentiator

District-Scale Geochem Dispersion Footprints

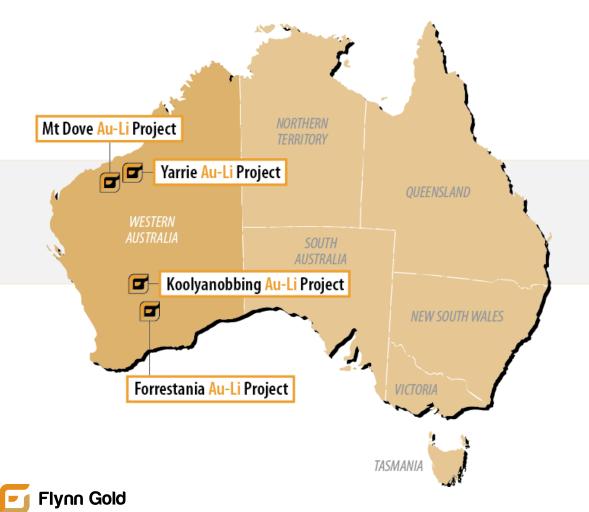
- As most mobile in near-surface environment
- Multiple parallel trends As-Sb-Au
- Other projects in FG1's "Orogenic Gold" pipeline;
  - Cameron (extension of Portland)
  - Mangana
  - Lyndhurst
  - Telegraph





# Flynn Gold – WA Gold-Lithium Projects

# Flynn Gold is an Australian explorer building a strategic gold-lithium and gold portfolio in Western Australia, targeting hard rock lithium pegmatites and intrusive related gold deposits.



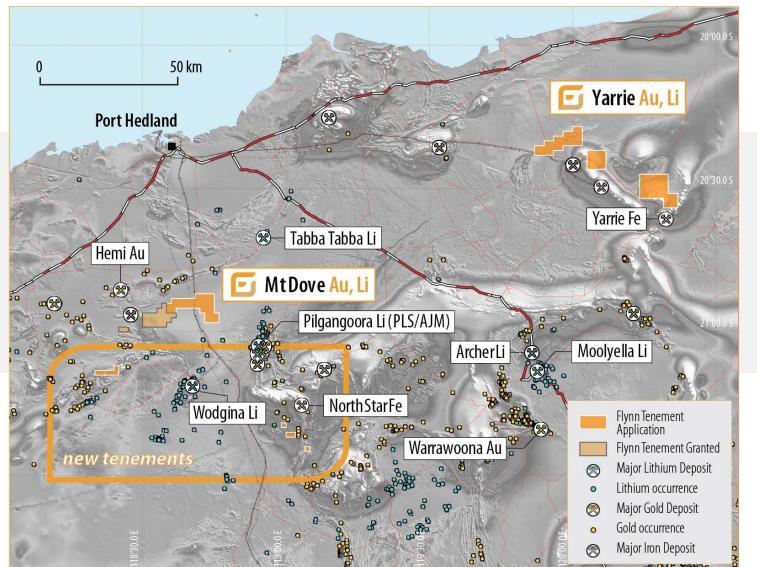
The Project portfolio includes a 100% interest in:

- Mt Dove Au-Li Project
- Yarrie Au-Li Project
- Koolyanobbing Au-Li Project
- Forrestania Au-Li Project
- 1,232km<sup>2</sup> of Au-Li exploration tenure secured in early 2022
- Strategy to continue to grow the quality and footprint of Flynn's portfolio of projects during 2022





# North Pilbara – Gold and Lithium Projects



Flynn Gold

# Two gold-lithium projects located in the highly prospective Pilbara Craton

- Mt Dove
- Yarrie

Flynn Gold's Pilbara Projects are located near large lithium pegmatite deposits

- Pilgangoora (PLS)
- Pilgangoora (AJM)
- Wodgina (Albemarle, MIN JV)

#### and the large new gold discovery

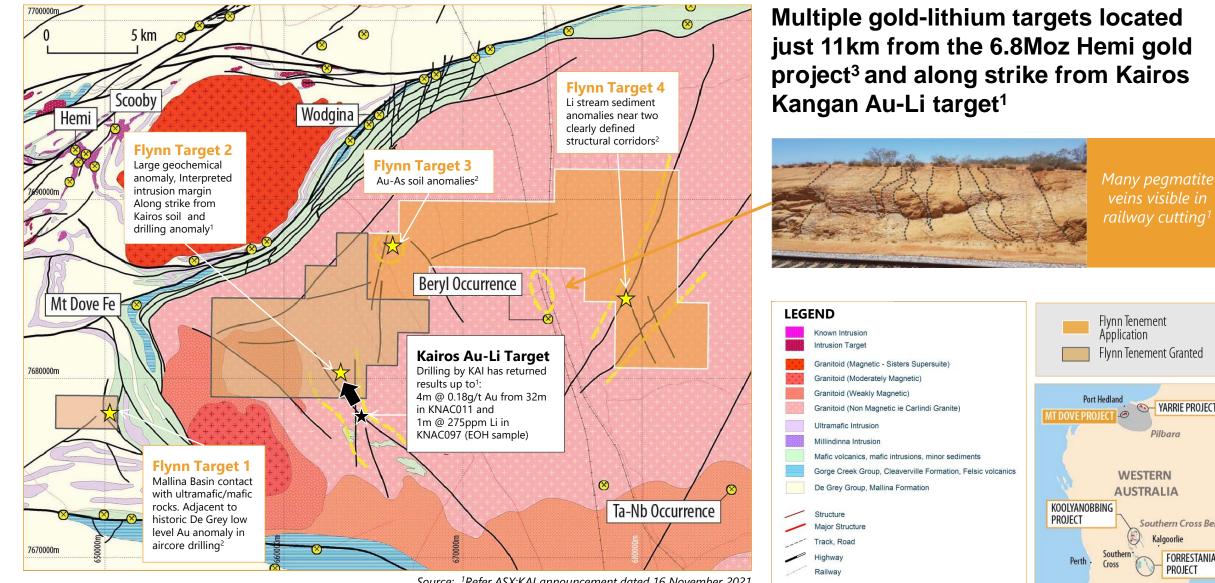
Hemi (DEG)



Four <u>new tenement</u> applications at the Mt Dove Project (one subject to ballot) located close to the **Pilgangoora** and **Wodgina** deposits

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#### Pilbara – Mt Dove Project: ground exploration commencing Q3, 2022





Source: <sup>1</sup>Refer ASX:KAI announcement dated 16 November 2021 <sup>2</sup> Refer to ASX:FG1 announcement dated 19 October 2021 <sup>3</sup> ASX:DEG announcement dated 23 June 2021

Mineral Occurrence

**CO-** YARRIE PROJECT

Southern Cross Belt

FORRESTANIA

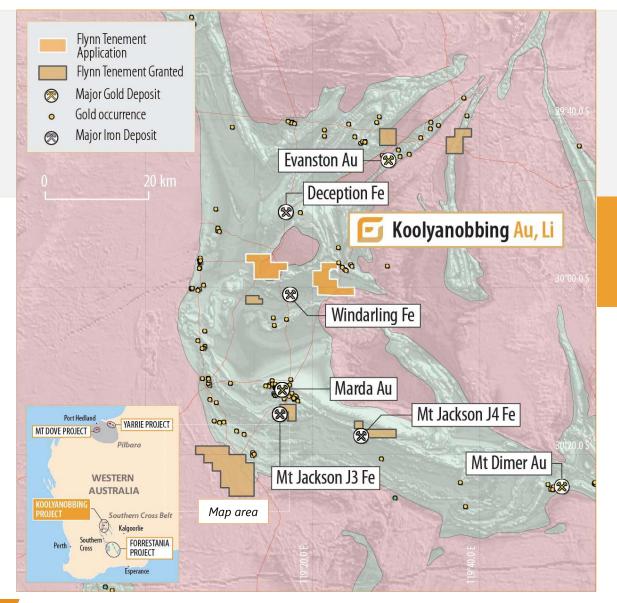
PROJECT

Esperance

Kalgoorlie

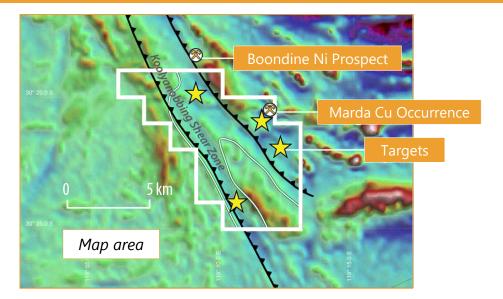
Pilbara

# Southern Cross Belt – Koolyanobbing Au-Li-Fe Project

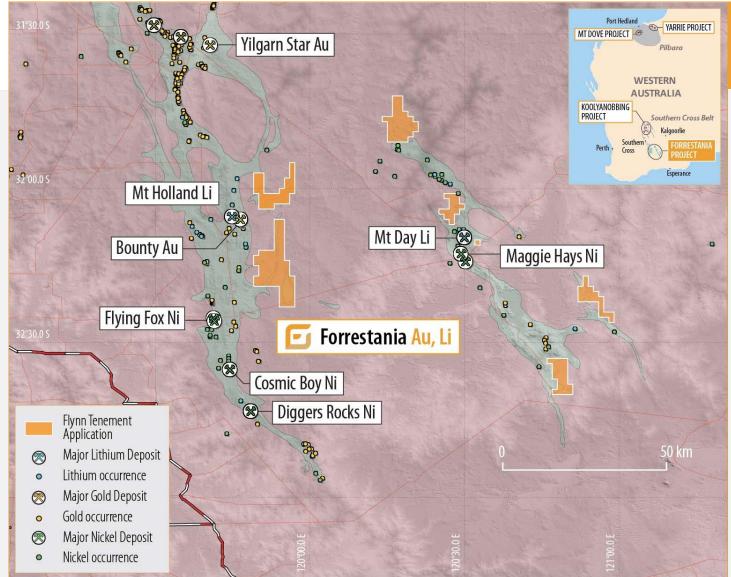


The Koolyanobbing Au-Li-Fe Project comprises eight exploration licence applications targeting gold and lithium mineralisation in the Marda-Diemals greenstone belt, located in the Southern Cross Belt of the Yilgarn Craton

The Marda-Diemals greenstone belt has received little or no modern exploration for lithium pegmatites

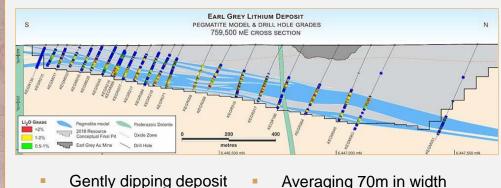


# Southern Cross Belt – Forrestania Au-Li Project



Exploration target: Mt Holland (Earl Grey) lithium pegmatite deposit – Potential to transform the Company

- Historically three varieties of pegmatite have been recognised within the Mt Holland District:
  - Sub-indent complex zoned pegmatite containing spodumene and albite in addition to coarse perthite and quartz
  - Sub-indent albitic aplite rich in black tourmaline and commonly containing cassiterite
  - Sub-indent coarse cleavelanditic albite veins with minor apatite and spodumene
- These pegmatites appear to be abundant on the eastern margin of the Forrestania Greenstone belt, where several of Flynn's tenements occur



- Low strip ratio
- Averaging 70m in width
- Consistent grades

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### 2022 – 2023 Outlook – exploration planned to deliver results



**Drilling continues at Trafalgar and Portland** 



Au-Li exploration to start at Mt. Dove, Koolyanobbing, Yarrie

Exploration at Golden Ridge delivering new drill targets



Advance exploration at Mangana, Cameron, Lisle & Lyndhurst

First aircore drilling on WA targets 2023



Continue to build upon WA Au-Li projects



### **Appendices**

For more information, please contact us: <u>info@flynngold.com.au</u> www.flynngold.com.au



### Cameron Sn Project – multiple targets identified in early stage review

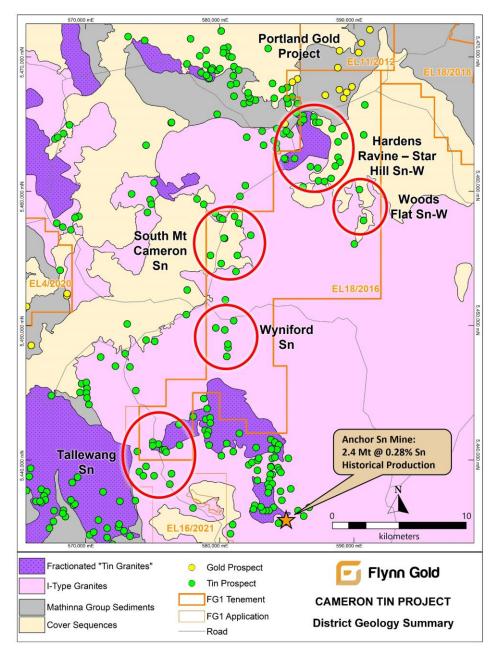
#### Background

- Historical alluvial and hardrock tin mining fields throughout NE Tasmania followed discovery in 1874 through to the mid-1900's. Regional historical production of 70 Kt cassiterite concentrate, including 47 Kt from alluvial deposits (until 1960).
- Most previous exploration focussed on alluvial potential hardrock potential vastly underexplored
- Early work by FG1 identifies Hardens Ravine Star Hill prospect as a priority target area. Multiple other targets recognised.

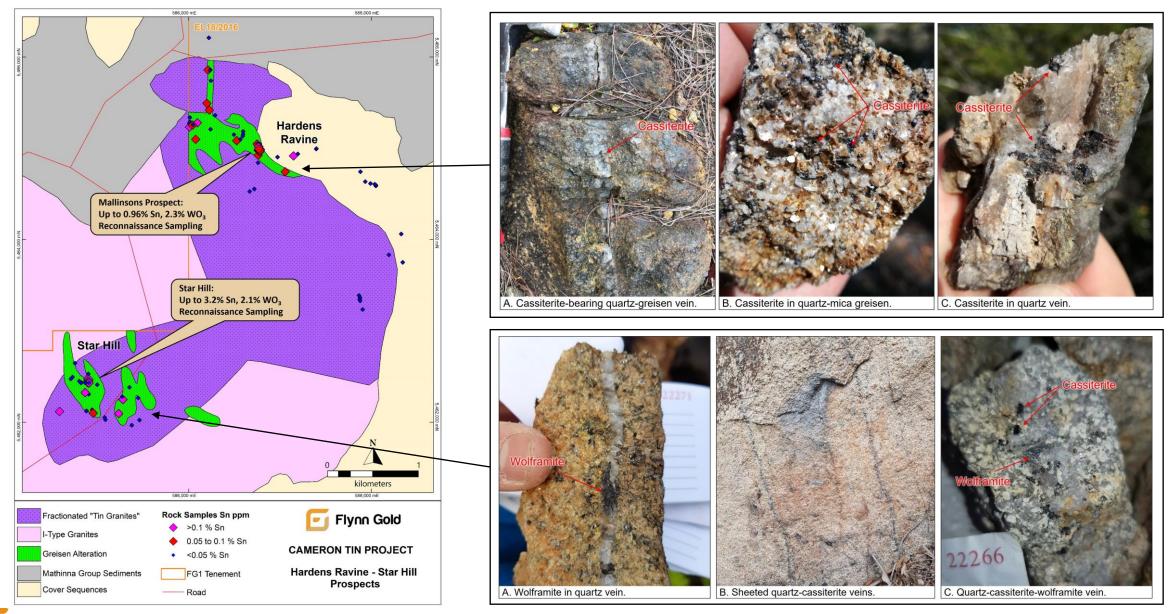
#### Hardens Ravine – Star Hill

- Extensive area of cassiterite and wolframite bearing sheeted quartz

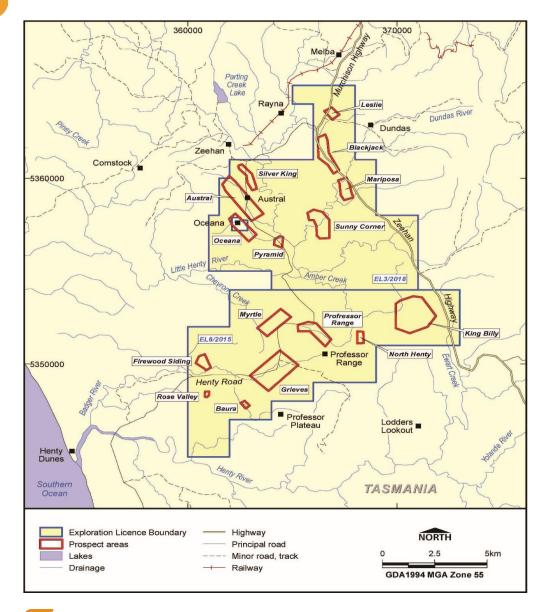
   greisen veins and lodes in highly fractionated granite host
- Reconnaissance sampling has returned up to 0.98% Sn and 2.32%
   WO3 at the Mallinson's prospect (Harden Ravine)<sup>1</sup>, and up to 3.2%
   Sn and 2.1% WO3 at Star Hill<sup>1</sup>
- Further mapping and drillhole planning/permitting in progress



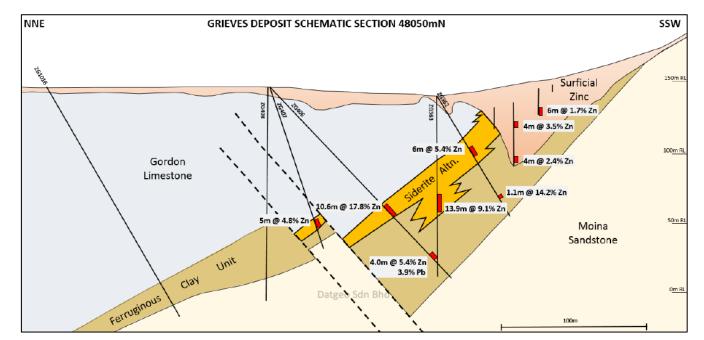
### Hardens Ravine / Star Hill prospects - working up to drill targeting



### **Appendix: Henty Zinc Project**



- Historical Zn belt
- Previous exploration provides large data sets. Shallow historical drilling
- Independent CSA Global report identifies 16 targets with potential for Irish style and intrusive-related deposits
- Known mineralisation at Grieves, Myrtle, Oceana1, Austral, Silver King and Mariposa
- Drilling by Flynn at Grieves confirms high grades. Zinc recovery metallurgical testwork required
- · Potential at depth



### Flynn Gold aims for excellence in environmental and social management

- FG1 is committed to adopting best practise standards and methodologies in its environmental and social management
- Safety for its personnel and the broader community as well as environmental stewardship are core values for the company
- Safety and environmental protection inductions are implemented for all personnel and visitors to FG1 sites
- Desktop flora and fauna studies have been initiated by independent environmental consultants
- The company is actively building its exploration team targeting personnel from within local communities

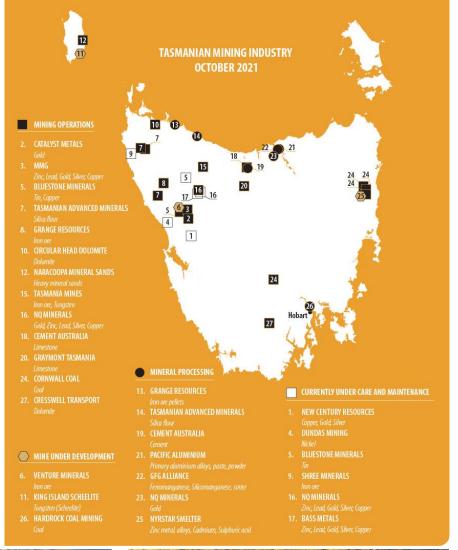




# Tasmania – A pro-mining Tier 1 jurisdiction

#### "One of the most mineralised places on the planet"

- Rich in diverse mineral resources and operating mines, including several world-renowned deposits
- Quality operating and investment jurisdiction Stable political and regulatory environment with government and local community support for mining projects
- Mining Journal's World Risk Report 2020:
  - AA investment risk rating
  - ranked 2nd lowest-risk Australian state (Tas 70 pts vs WA 72 pts)
- Established mining districts, infrastructure and skilled work force
- Modern rail-to-port networks with access to Asia-Pacific and European markets
- State-wide power derived 100% from renewables hydro / wind



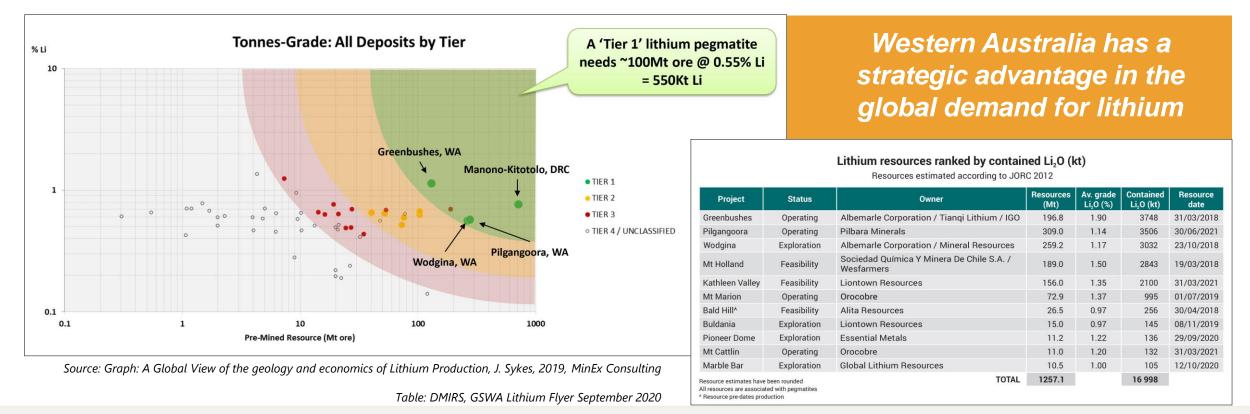








# Flynn Gold – WA Gold-Lithium Projects



- Flynn Gold's Projects are located near the Pilgangoora, Wodgina, Mt Holland and Mt Cattlin lithium deposits
- Western Australia has been the largest global lithium producer since 2016 and in 2019, generated >50% of global production from seven mining operations
- Western Australia continues to position itself as a battery minerals hub due to its proximity to key markets, shorter construction and ramp-up times and relatively low capital costs

### Western Australia – World Class Lithium Province

#### Western Australia contains a high proportion of world class lithium pegmatite deposits

