

19 August 2022

ASX: GAL

### Corporate Directory

#### Directors

#### Chairman & MD

Brad Underwood

#### Non-Executive Director

Noel O'Brien

#### Non-Executive Director

Cecilia Camarri

#### Non-Executive Director

Mathew Whyte

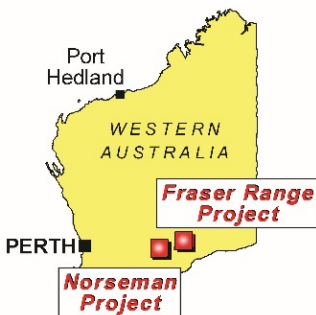
### Projects

Fraser Range Project

*Nickel-Copper-Cobalt*

Norseman Project

*Palladium-Nickel-Copper-  
Rhodium-Platinum-Gold*



### Contact Details

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W: [www.galileomining.com.au](http://www.galileomining.com.au)

13 Colin St, West Perth, WA

## INVESTOR WEBINAR PRESENTATION

Galileo Mining Ltd (ASX: GAL, "Galileo" or the "Company") is pleased to announce its participation in the ShareCafe Small Cap "Hidden Gems" Webinar, to be held Friday 19<sup>th</sup> of August 2022 from 12:30pm AEST / 10:30am AWST.

Managing Director Brad Underwood will provide an overview of the Company which is focussed on the exploration and development of palladium, nickel, copper, and cobalt resources in Western Australia.

This webinar is able to be viewed live via Zoom and will provide viewers the opportunity to hear from, and engage with, a range of ASX-listed leading micro/mid cap companies.

To access further details of the event and to register at no cost, please copy and paste the following link into your internet browser:

[https://us02web.zoom.us/webinar/register/7416606253552/WN\\_7na5XN5KQB-eEFEYRIBP3Q](https://us02web.zoom.us/webinar/register/7416606253552/WN_7na5XN5KQB-eEFEYRIBP3Q)

A recorded copy of the webinar will be made available on the Company's website following the event.

A copy of the investor presentation to be delivered during the webinar is attached.

**Authorised for release by the Galileo Board of Directors.**



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**About Galileo Mining:**

Galileo Mining Ltd (ASX: GAL) is focussed on the exploration and development of nickel, palladium, copper, and cobalt resources in Western Australia. GAL has Joint Ventures with the Creasy Group over tenements in the Fraser Range which are highly prospective for nickel-copper sulphide deposits similar to the operating Nova mine. GAL also holds tenements near Norseman with palladium-platinum-nickel-copper prospects and over 26,000 tonnes of contained cobalt, and 122,000 tonnes of contained nickel, in JORC compliant laterite resources (see JORC Table below).

*JORC Mineral Resource Estimates for the Norseman Cobalt Project (“Estimates”) (refer to ASX “Prospectus” announcement dated May 25<sup>th</sup> 2018 and ASX announcement dated 11<sup>th</sup> December 2018, accessible at <http://www.galileomining.com.au/investors/asx-announcements/>). Galileo confirms that all material assumptions and technical parameters underpinning the Estimates continue to apply and have not materially changed).*

Cut-off Cobalt %	Class	Tonnes Mt	Co		Ni	
			%	Tonnes	%	Tonnes
<b>MT THIRSTY SILL</b>						
0.06 %	Indicated	10.5	0.12	12,100	0.58	60,800
	Inferred	2.0	0.11	2,200	0.51	10,200
	<b>Total</b>	<b>12.5</b>	<b>0.11</b>	<b>14,300</b>	<b>0.57</b>	<b>71,100</b>
<b>MISSION SILL</b>						
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<b>GOBLIN</b>						
0.06 %	Inferred	4.9	0.08	4,100	0.36	16,400
<b>TOTAL JORC COMPLIANT RESOURCES</b>						
0.06 %	<b>Total</b>	<b>25.1</b>	<b>0.11</b>	<b>26,600</b>	<b>0.49</b>	<b>122,500</b>





**GALILEO**  
Mining

**ELECTRIC FUTURE: PALLADIUM,  
PLATINUM, NICKEL, COPPER, COBALT,  
& RHODIUM IN WESTERN AUSTRALIA**

**PRESENTATION TO SHARECAFE – HIDDEN GEMS WEBINAR**

19<sup>th</sup> August 2022

ASX: GAL





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This Document is provided to you on the basis that you are a sophisticated, professional or other investor who would not require a disclosure document because of section 708 of the Corporations Act 2001 (As it is not regulated by the Corporations Act, this Presentation does not purport to contain all of the information that would be contained in a prospectus or that recipients may require in order to evaluate whether to invest in the Company Any recipient of this Presentation is responsible for conducting their own due diligence and other enquiries as well as making their own analysis and their own independent assessment of the information provided herein You may wish to consult your broker, solicitor, banker, accountant or other professional advisor about its contents Any decision to rely on the information contained in this Presentation is the sole responsibility of the recipient of

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Nothing in this Presentation constitutes the provision of financial or legal advice The Recipient should consider its own financial situation, objectives and needs, and conduct its own independent investigation and assessment of the contents of this Document, including obtaining investment, legal, tax, accounting and such other advice as it considers necessary or appropriate Further, nothing in this Presentation constitutes an offer for the sale of securities This Presentation does not constitute an offer or invitation in any place in which, or to any person to whom, it would not be lawful to make such an offer or invitation The distribution of this Presentation (including in electronic form) outside Australia may be restricted by law and persons who come into possession of this Presentation outside Australia should seek advice on and observe any such restrictions Any failure to comply with such restrictions may constitute a violation of applicable securities laws

The information contained in this Presentation is prepared as of 18<sup>th</sup> August 2022. Neither the delivery of this Presentation nor any offer, issue or sale contemplated by this Presentation at any time implies that the information contained in it is correct, that any other information supplied in connection with an offer of shares is correct or that there has not been any change (adverse or otherwise) in the financial conditions or affairs of the Company at any time subsequent to the preparation date In particular, the Company is not under any obligation to any person to update this Presentation at any time including after an issue of shares



# Key Messages



**Well supported** with largest shareholders being successful mining investor Mark Creasy and major mining company IGO



**High value** palladium targets, nickel targets and an existing cobalt/nickel resource



**Tier-1 mining jurisdiction** with Fraser Range and Norseman projects located in Western Australia



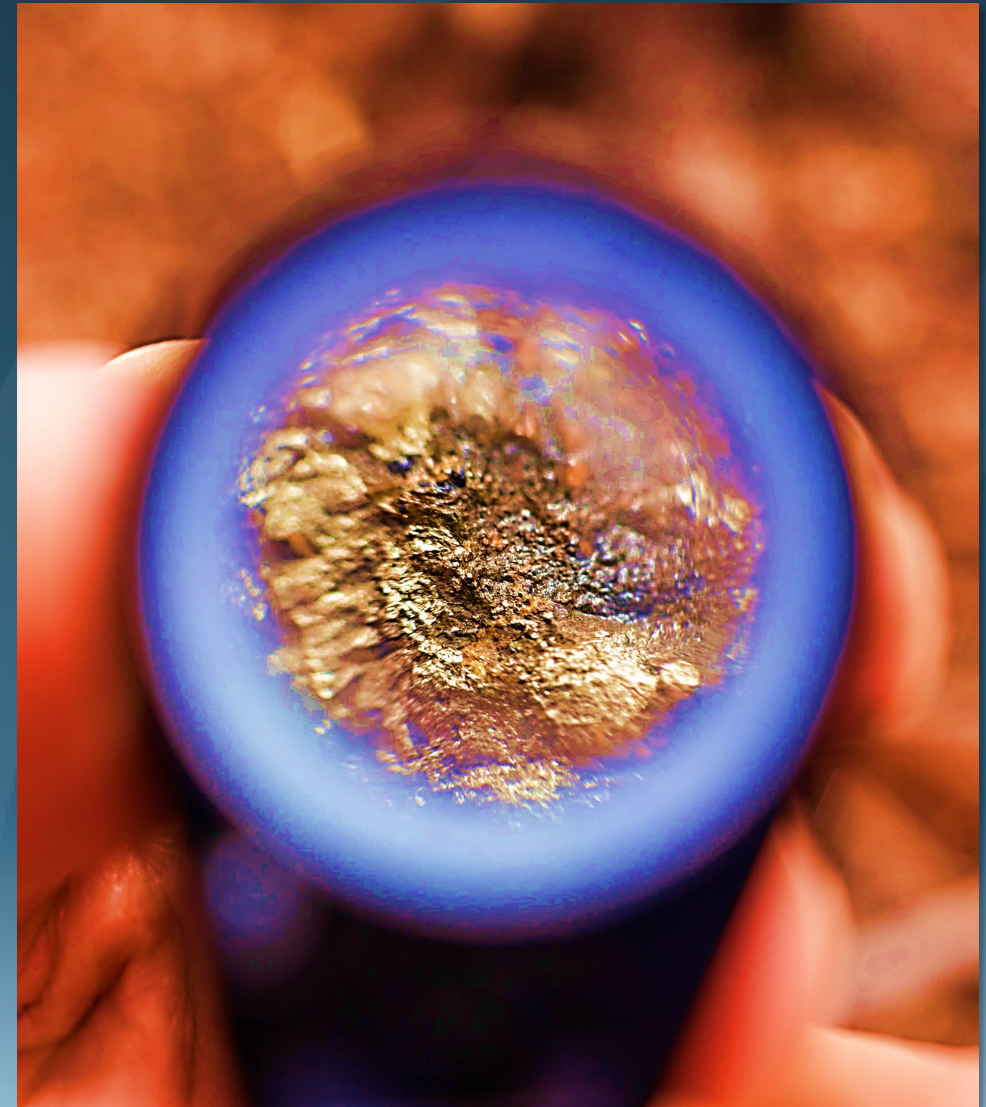
**Track record of drilling** multiple drill campaigns throughout the year



**Early discovery market valuation** and highly leveraged to further success



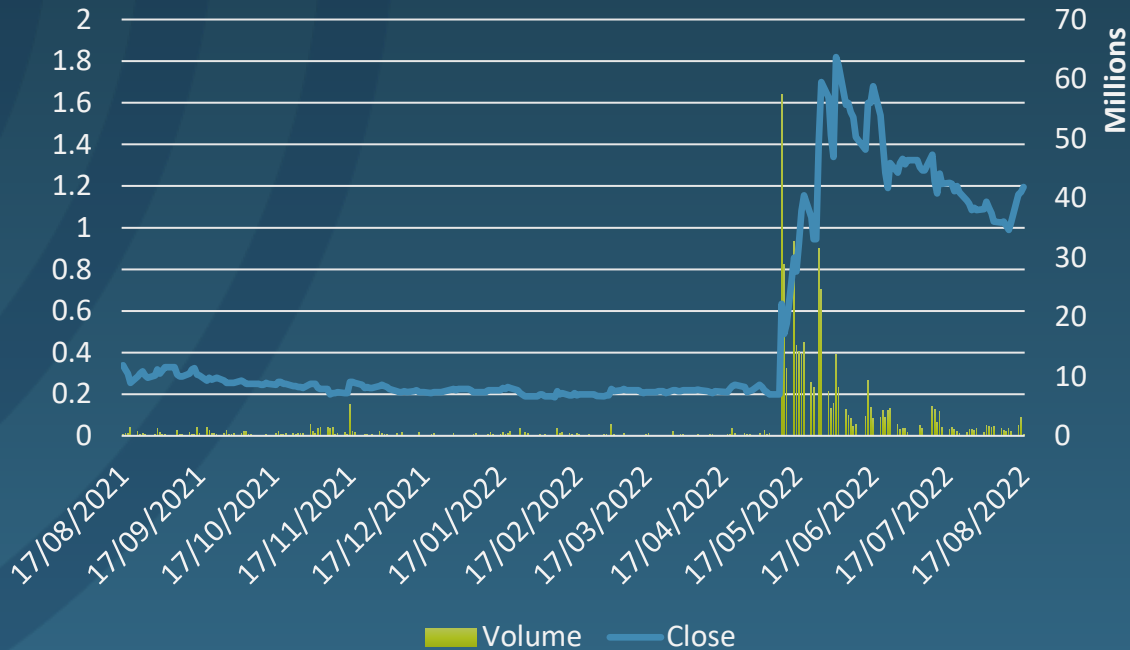
**Well funded** with strong cash position of ~\$7.02M <sup>1</sup> and a further \$20.4M raised via placement in July with institutional & sophisticated investors



(1) As at 30<sup>st</sup> June 2022

# Corporate Snapshot

## Share Price (twelve months)



## JORC Resources (see Appendix for details)

Cobalt	26,600 tonnes
Nickel	122,500 tonnes

## Key metrics

ASX Code	GAL
Shares on Issue	197.4m
Share price (@ 18 <sup>th</sup> August 22)	\$1.07
Market Cap	~ \$211 m
Cash (at 30 <sup>th</sup> June 22)	\$7.0 m *with further \$20.4m raised in July
Enterprise Value	~\$186 m
Options on Issue	2.5m @ \$0.52 (exp 09/23) 0.97m @ \$2.40 (exp 07/24)

## Substantial Shareholders

Mark Creasy	26.2%
IGO Ltd (ASX:IGO)	8.3%



# Highly Experienced Board

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**Brad Underwood**  
Chairman & MD



- Over 20 years in exploration, prospecting, and mining.
- Widely experienced in the strategic growth and commercialisation of mineral assets at different stages of development and over multiple commodity classes.
- Involved in the discovery and development of nickel, copper, cobalt, and gold resources.
- Over 10 years' corporate executive experience with multiple capital raisings and transactions for both private and listed resource companies.

**Noel O'Brien**  
Non-Executive Director



- A metallurgist with wide international and corporate experience.
- Served on the board of a number of ASX listed companies over the past 10 years.
- Currently technical advisor to several listed companies.
- Expert in process and project development over a broad range of commodities including nickel, copper, cobalt, gold, PGEs, and lithium.

**Mathew Whyte**  
Non-Executive Director &  
Company Secretary



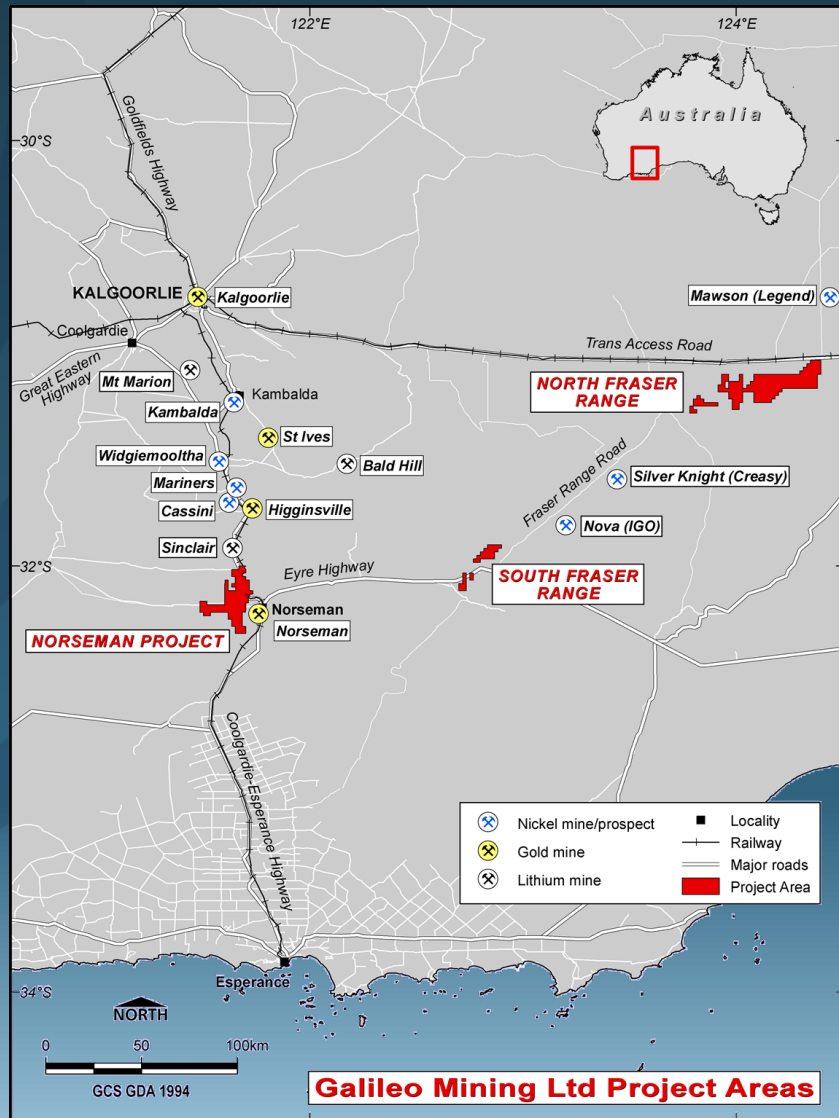
- CPA and a Chartered Secretary (FCG & FGIA), with over 25 years' experience.
- Held senior executive roles on a broad range of Australian listed entities.
- Served as Director and Company Secretary on multiple ASX company boards over the past 10 years.

**Cecilia Camarri**  
Non-Executive Director



- A mining and commercial lawyer with both law firm and in house legal experience
- Advises TSX and ASX listed companies on the strategic management of legal risk
- Community and public relations management experience
- Over 25 years' experience in the exploration and mining industry

# Project Portfolio



## Strategic Commodity & District Focus

- Numerous operating mines in the district
- Access to world-class infrastructure (road, rail, Kalgoorlie, Port of Esperance)

## Norseman Project

- Recent discovery of significant palladium-platinum-copper-nickel-sulphide from RC drilling at the Callisto prospect
- Province scale palladium targets
- RC and diamond drill programs currently underway as a follow up to discovery drilling reported in May 2022
- Multiple anomalous palladium, nickel and copper assays from aircore drilling

## Fraser Range Project\*

- Emerging mineral province with operating Nova nickel mine (owned by IGO) and multiple prospects
- Management with extensive Fraser Range experience
- Two sulphide bearing intrusions found on GAL ground so far
- Untested EM targets at the Easterly and Green Moon Prospects
- Ongoing EM surveying to define new targets for drilling

\* 67% Galileo Mining/33% Creasy Group JV



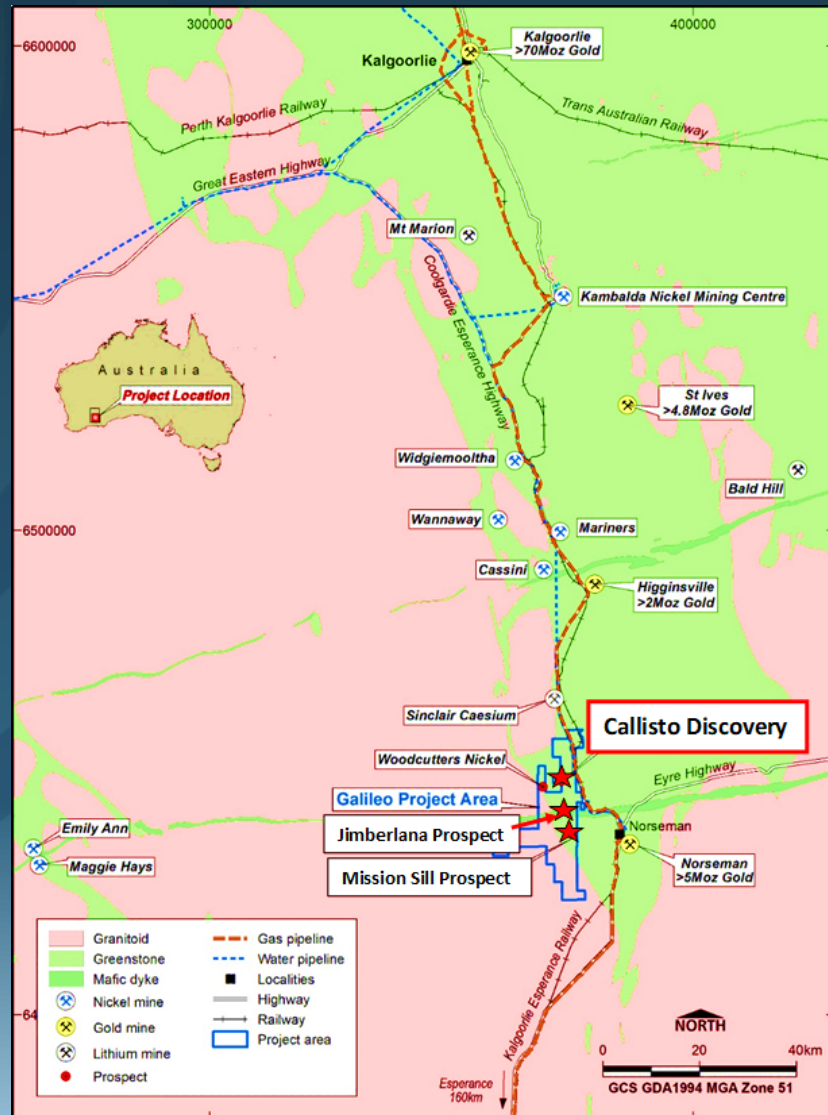
# Norseman Project

(100% Galileo)





# Norseman Project



## Highly prospective ground next to Norseman

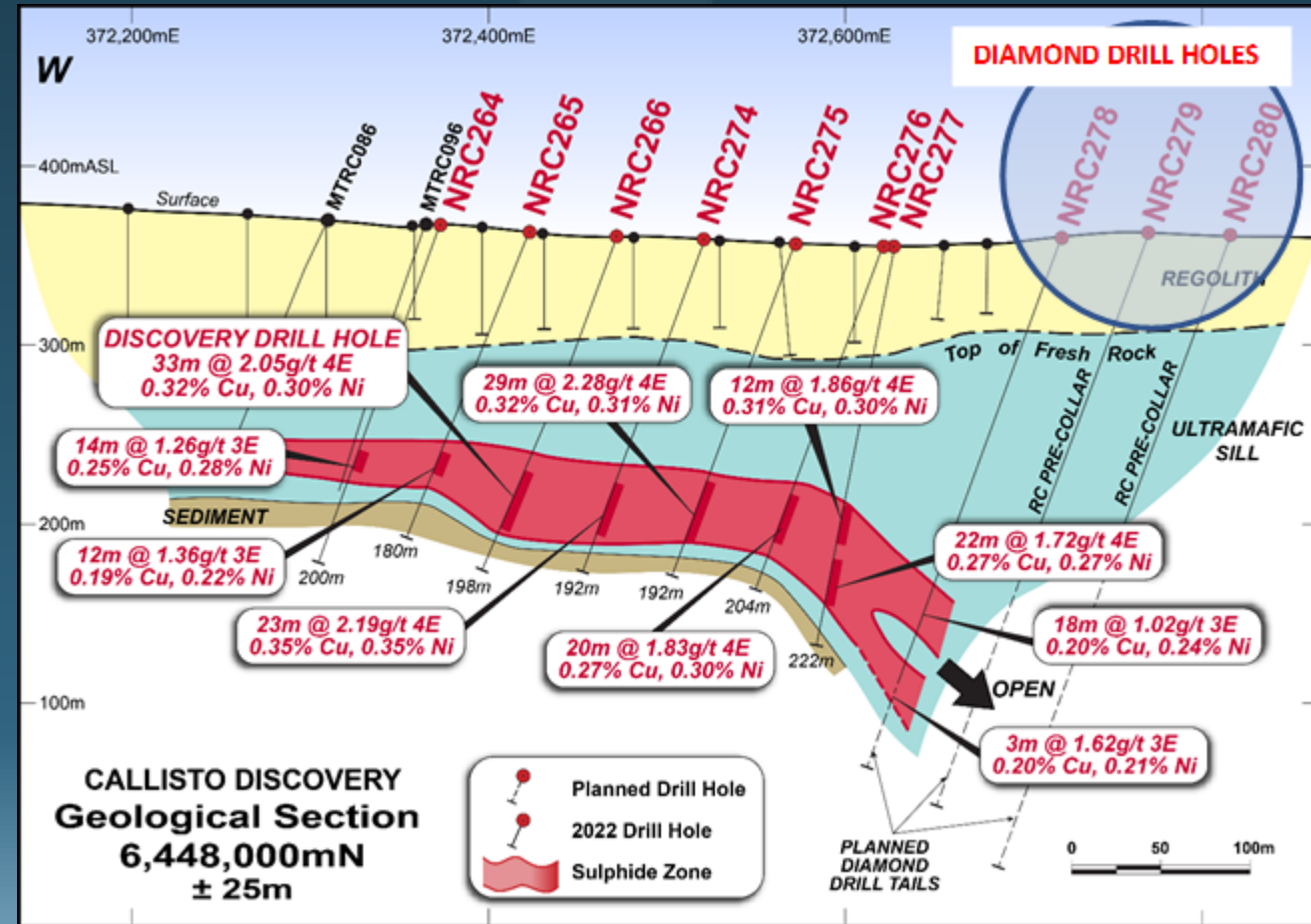
- 278km<sup>2</sup> of prospective ground at the southern end of the prolific Norseman-Wiluna greenstone belt
- Premier project location:
  - ✓ 10km from Norseman and the historic 5Moz Norseman gold mine
  - ✓ Adjacent to sealed Coolgardie-Esperance Highway
  - ✓ Access to gas, water, road and rail infrastructure
  - ✓ 180km from the deep-water Port of Esperance
- New and highly significant Callisto discovery on granted mine lease
- Tenements are prospective for magmatic palladium-nickel-copper sulphide, komatiite hosted nickel sulphide, PGEs, gold, lithium, and nickel-cobalt laterite mineralisation
- Current JORC compliant 25Mt nickel-cobalt laterite resource



# Norseman Project – Callisto Discovery

## Discovery of significant palladium-platinum-copper-nickel & rhodium sulphide

- An initial 6 RC holes (1,142m) were drilled at the Callisto Discovery.
- Discovery drillhole in May (NRC266) returned significant palladium-platinum-gold-copper-nickel-rhodium mineralisation:
  - 33m @ 2.05 g/t 4E (1.64 g/t Pd, 0.28 g/t Pt, 0.09 g/t Au, 0.05 g/t Rh), 0.32% Cu & 0.30% Ni from 144m (NRC266)
- All RC drill holes completed contained significant zones of mineralisation and confirm initial results from the discovery drill hole;
- Strong geological continuity between all drill holes with sulphides occurring at the base of an ultramafic sill where it intrudes into sedimentary rocks
- Reported assays all occur within wider disseminated sulphide zones indicating the potential for a large mineralised system



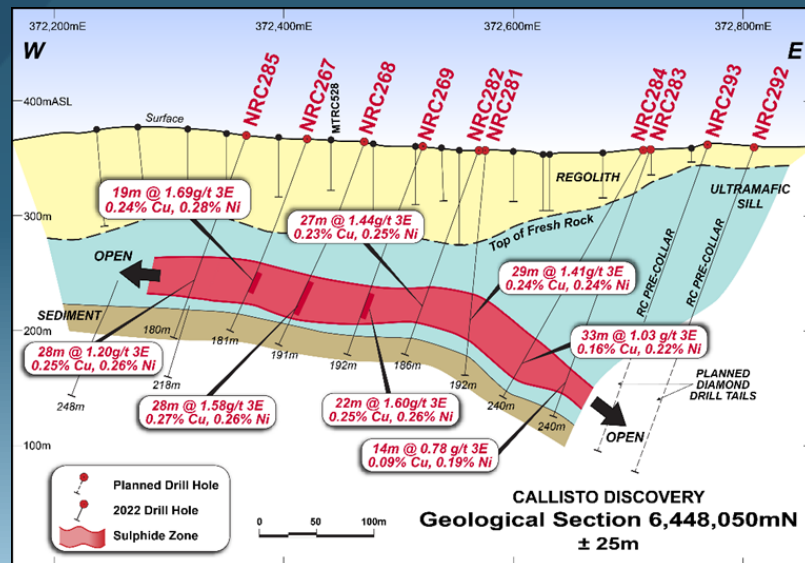
Callisto geological interpretation section 6,448,000N with major drill intercepts including rhodium in 4E calculation (where results are available). NRC278 finished in mineralisation and NRC279/280 are pre-collars.

# Norseman Project – Callisto Discovery

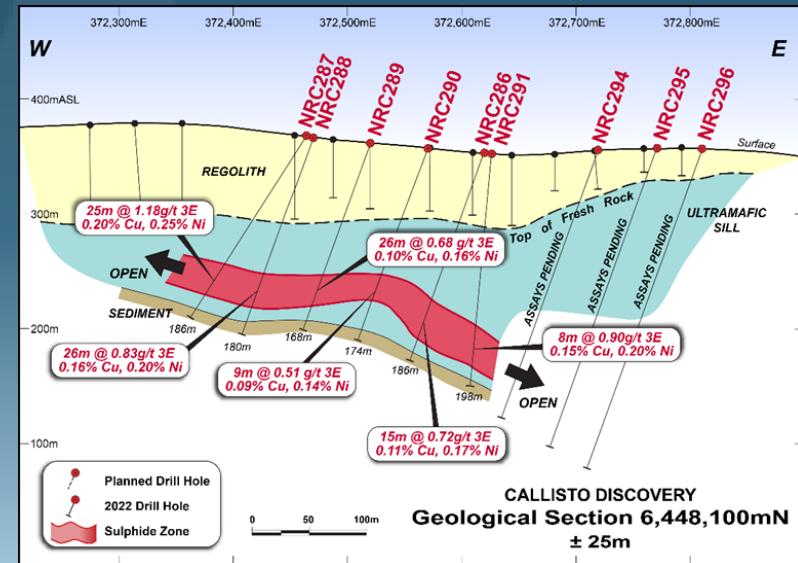
A new palladium-platinum province in which Galileo controls all of the most prospective ground

- Second round of RC drilling at Callisto completed in July - 3,939m drilled over 16 drill holes and three pre-collars
- 16 holes have all returned palladium-platinum-gold-copper-nickel assays.
- Holes are being analysed for rhodium with first 4 holes returning consistent rhodium grades
- Highest grade palladium and platinum assays recorded to date with 8.25 g/t Pd & 1.94 g/t Pt over one metre in NRC275
- Mineralisation on the northern sections is continuing towards the surface with the shallowest intersections to date at ~110m depth (NRC285 & NRC287)
- Mineralisation open in all directions & extends over 300m across strike on the southern & central lines & over 200m across strike on the northern line

Callisto preliminary geological section 6,448,050mN with target sulphide zone.



Callisto preliminary geological section 6,448,100mN with target sulphide zone.





# Norseman Project – Callisto Discovery

Geological similarities to South Africa's extensive Platreef palladium-platinum-gold-rhodium-copper-nickel deposits



- Callisto shows similarities in mineralisation style to Platreef deposits on the northern limb of the Bushveld Complex, South Africa.
- Platreef mineralisation is contained within disseminated sulphides of less than 1% and up to 25% with very rare massive sulphide.
- Callisto drilling to date has intercepted disseminated sulphide of less than 5% with sulphides increasing to the east.
- Platreef deposits are very large in nature and have combined indicated resources of >700Mt at a 1 g/t 3PGE + Au cut off (Reference: Platreef Integrated Development Plan 2020. Ivanhoe Mines Ltd)
- Contained metals at Platreef include palladium, platinum, gold, rhodium, copper, and nickel.

# Norseman Project – Additional Prospects

## Jimberlana Prospect

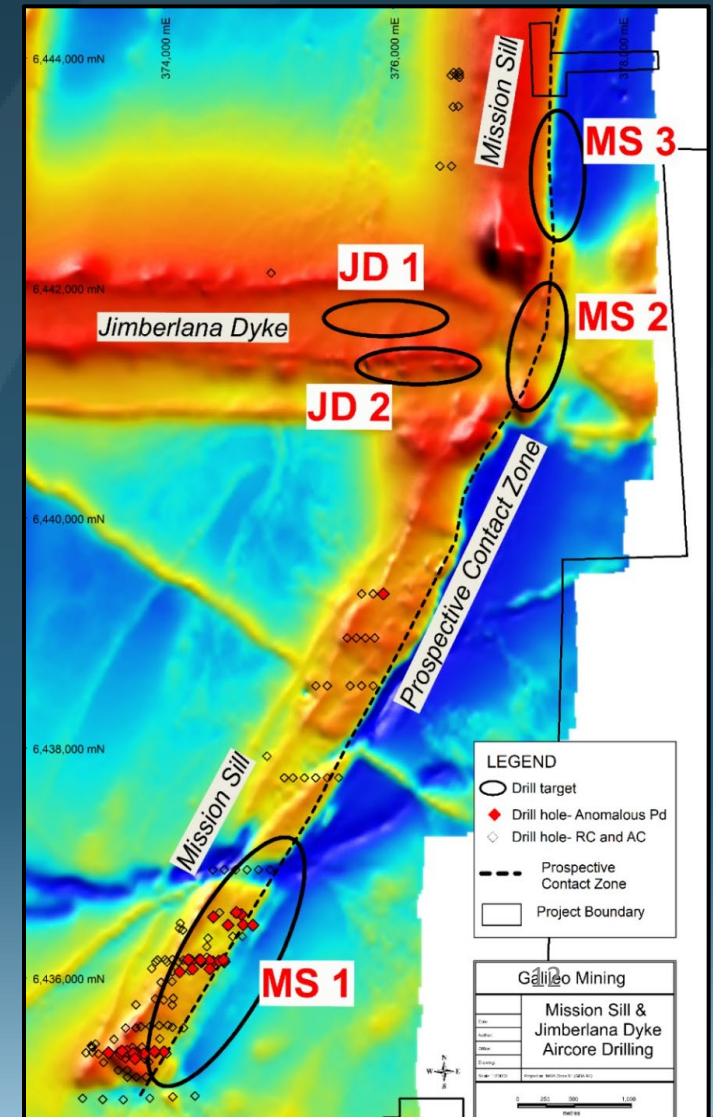
- Aircore drilling program encountered massive nickel-copper-palladium sulphide just 60m downhole
- Aircore drilling unable to substantially penetrate massive sulphide and follow up EM surveying and RC drilling required
- Assays include: 1m @ 0.24% nickel, 0.35% copper, 0.04% cobalt and 0.25 g/t palladium (from 60m in bottom of hole NAC105)



Massive sulphide intercepted in aircore drilling at Jimberlana

## Mission Sill Prospect

- Palladium and platinum drill results over 9km strike length
- Results include: 8m @ 1.44 g/t 2E (palladium + platinum), 0.11% nickel, 0.01% copper from 8m in NAC151

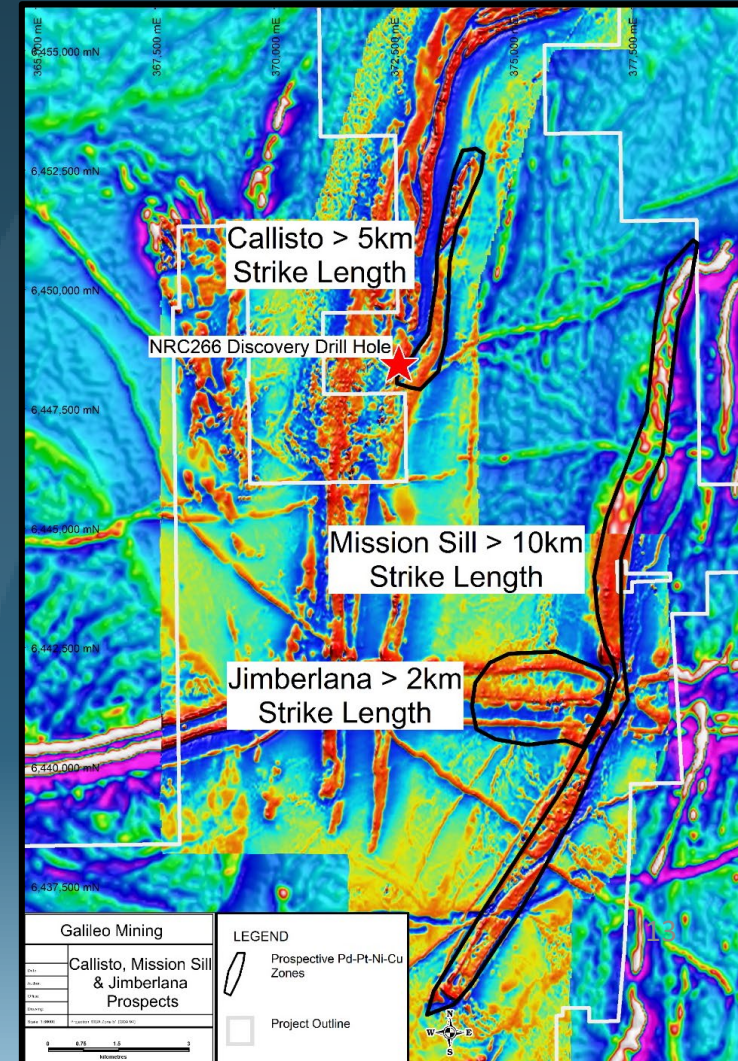




# Norseman Project – Next Steps

- Third round of RC drilling at Callisto (10,000 metres for ~ 50 holes) is underway- aims to expand the known mineralisation along strike and to the west.
- Sequence of 12 RC drill holes planned between 300m and 1,000m north of current drilling with opportunity for additional discoveries
- Next assays from ongoing drill programs at Callisto are anticipated in early to mid-September.
- First diamond drilling at Callisto has commenced and will focus on the down dip zones to the east.
- The drilling programs allow for a broader interpretation of the mineralisation setting, and a better understanding of the regional potential for more discoveries.
- Drilling at Mission Sill and Jimberlana planned for later this year.

*Extent of Galileo's Norseman project area with the interpreted palladium-platinum-copper-nickel prospective zones.*





# Fraser Range JV Project

(67% Galileo / 33% Creasy Group)





# Exploration in the Fraser Range

## Geophysics – the key to undercover discoveries

- Magnetic and gravity interpretation as a guide to the location of prospective intrusions
- Regional EM surveying to define target positions beneath cover rock
- Two intrusions with sulphides identified to date at separate prospects
- Lantern South: Mafic/Ultramafic intrusion with disseminated nickel-copper sulphides, 23m @ 0.19% Ni & 0.14% Cu (LARC013D) and 41m @ 0.19% Ni and 0.14% Cu (LARC012)
- Delta Blues: Felsic/Mafic intrusions with semi-massive copper sulphide, 4m @ 0.29g/t Au and 0.29% Cu (DBRC001) and 4m @ 0.21g/t Au and 0.27% Cu (DBRC003)

## Increased confidence in regional prospectivity



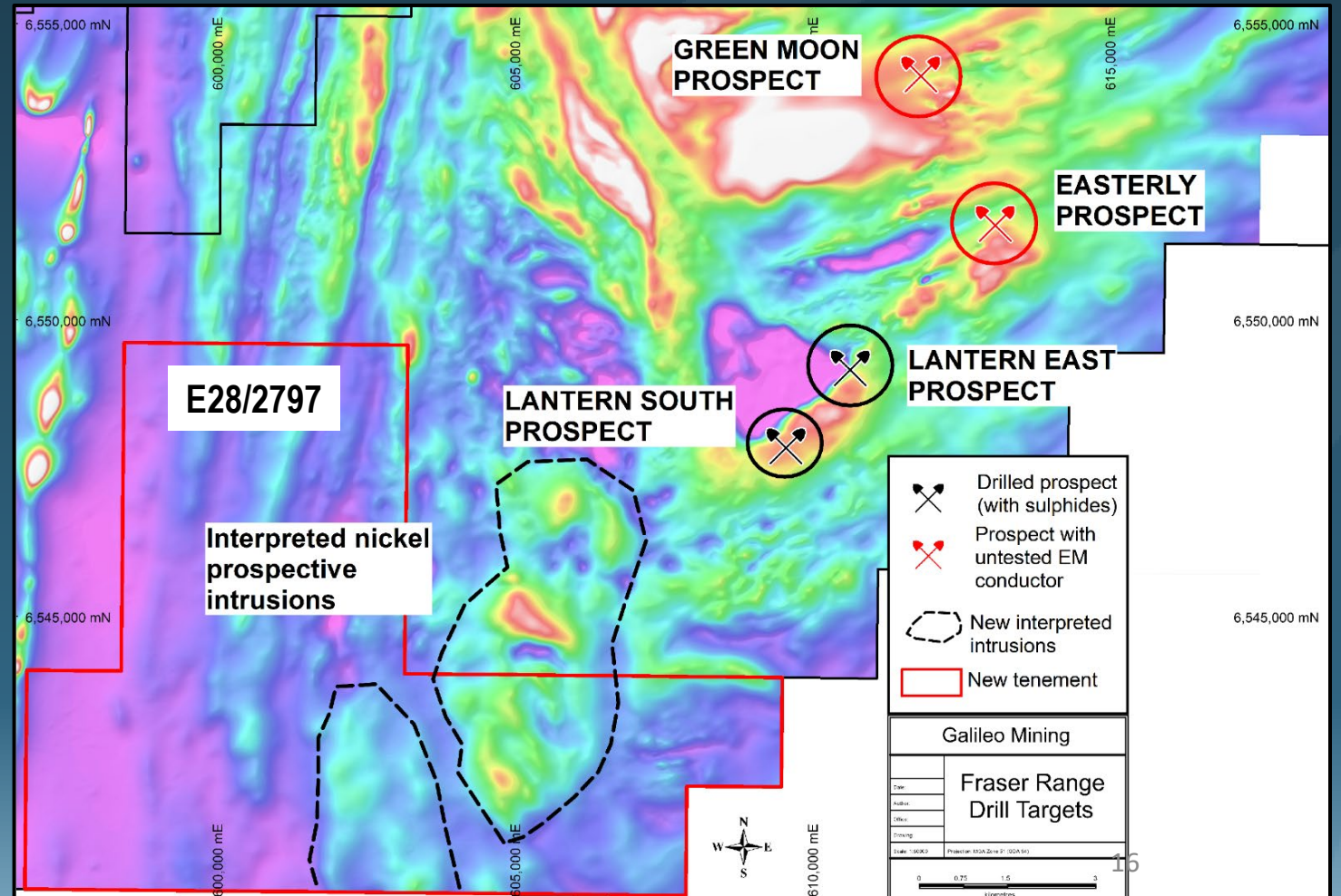


# Strategic new Fraser Range tenement

- Highly prospective greenfield tenement acquired along strike from Galileo's existing Fraser Range targets
- No previous exploration provides Galileo with a first mover advantage
- Tenement E28/2797 is six kilometres along strike from the Lantern South Prospect where previous drilling intersected nickel-copper sulphides
- Magmatic intrusions prospective for nickel mineralisation have been interpreted from detailed airborne magnetic data
- Ground EM surveying, with the aim of defining new drill targets, is ongoing

## Green Moon / Easterly

- Infill EM surveying of highly conductive Green Moon prospect is planned to refine targets for drill testing
- Drill campaign planned at the Easterly Prospect & for new targets that develop from ongoing EM surveying



New Fraser Range Greenfield Tenement E28/2797, the interpreted intrusive targets on new tenement and location of untested EM targets at the Easterly and Green Moon prospects (TMI magnetic background imagery)

# A Significant Investment Opportunity

-  **Well funded** and supported junior exploration company
-  **Early discovery** valuation with upcoming drill programs
-  **Highly prospective** Norseman & Fraser Range projects
-  **Active explorer** with highly experienced management and team
-  **Focused on high demand metals**  
– palladium, platinum, nickel, copper, cobalt & rhodium







# GALILEO

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# Appendix – JORC Resources

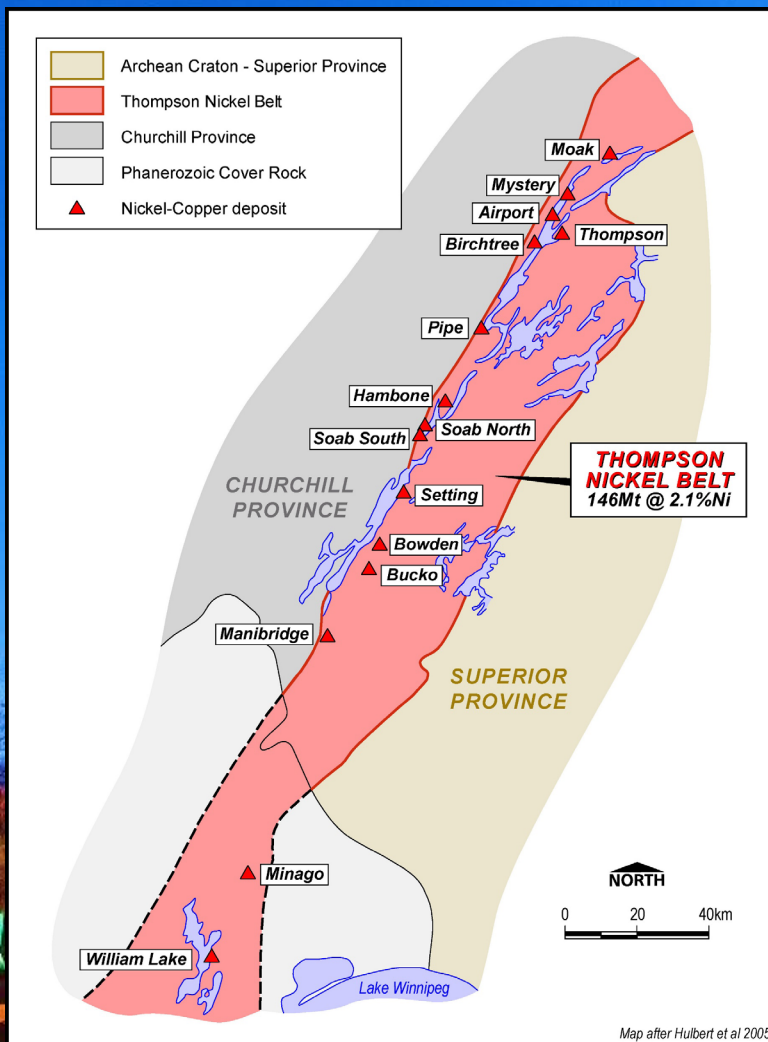
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# Thompson (Canada) vs Fraser Range (Australia)

## Thomson Nickel Belt

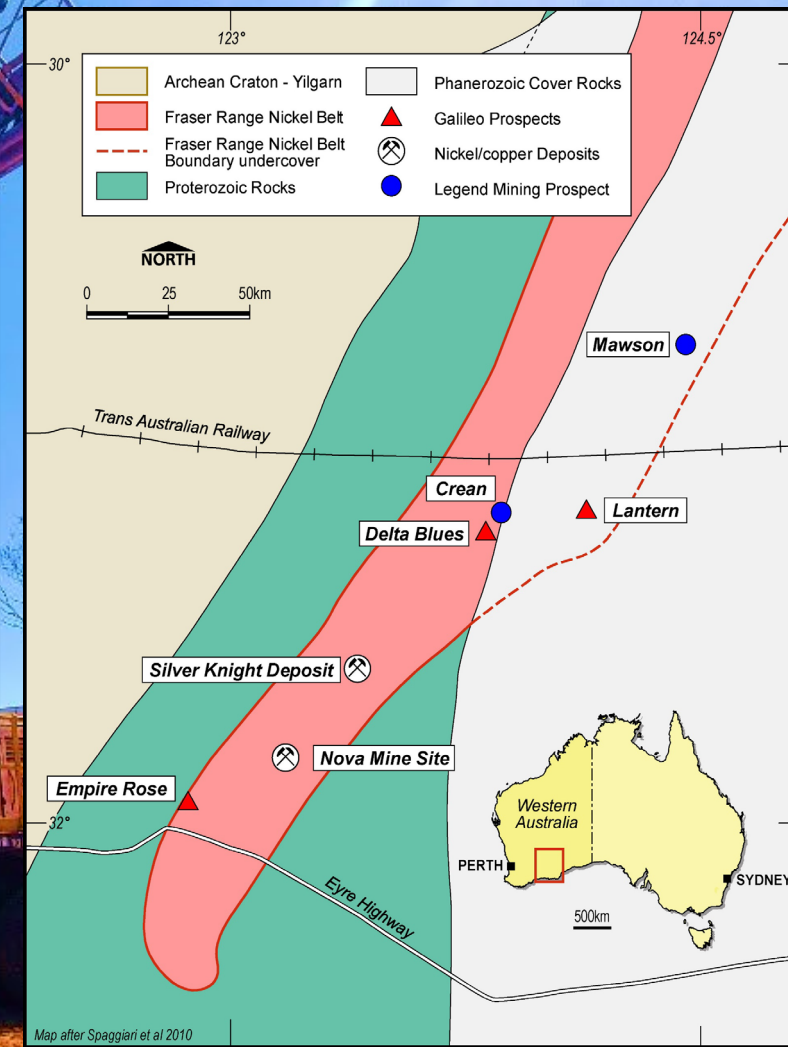
- More than 10 deposits over 100km of strike length
- Total known resources of 146Mt
- Over 50 years of mining and exploration



VS

## Fraser Range Nickel Belt

- Two deposits with over 150km of prospective strike length
- Total combined resources of 18Mt at Nova and Silver Knight
- Immature nickel belt with untapped potential





# Targeting Green Metals in Western Australia

Galileo is exploring for critical metals needed in a low-carbon future

## PALLADIUM, PLATINUM & RHODIUM

- Palladium, platinum & rhodium are critical components in auto catalysts to limit sulphur dioxide & nitrous oxide emissions.
- Palladium market supply dominated by Russia and South Africa (combined 75% global supply)
- Platinum & rhodium supplies dominated by South Africa - rising production costs with ageing infrastructure

## NICKEL & COBALT

- Essential components in lithium-ion batteries.
- Preferred cathode chemistries are reliant on nickel = expected increase in demand. Changing from NMC 111 to NMC 811 (more contained nickel)
- EV-driven nickel demand is forecast to increase Lack of new sulphide discoveries worldwide = forecast deficit in supply

## COPPER

- Used extensively in the green energy industry including in renewables, energy storage and EVs.
- Lack of new large-scale discoveries worldwide. Forecast deficit in copper supply
- Price has increased over 50% in last two years