

4 June 2025

## REVISED RELEASE – INVESTOR PRESENTATION

Lodestar Minerals Limited hereby provides investors with a revised investor presentation, taking into account the following changes as advised by ASX:

- Removal of sample images and statements alluding to visual mineralisation in slides 8 and 13;
- Cross-referencing of geophysical survey imagery on slide 9 to the relevant ASX announcement previously released.

This announcement has been authorised by the Board of Directors of the Company.

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### Contacts

<b>Ross Taylor</b>
Non-executive Chairman <a href="mailto:info@lodestarminerals.com.au">info@lodestarminerals.com.au</a> +61 8 9435 3200

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*Presentation*  
June 2025

**ASX: LSR**

# Important Notices



*This presentation has been prepared by Lodestar Minerals Limited (Lodestar). The information contained in this presentation is a professional opinion only and is given in good faith. Certain information in this document has been derived from third parties and though Lodestar has no reason to believe that it is not accurate, reliable or complete, it has not been independently verified or audited by Lodestar.*

*Forward Looking Statements: This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Lodestar Minerals' exploration program and other statements that are not historical facts. When used in this document, the words such as "could", "plan", "estimate", "expect", "intend", "may", "potential", "should" and similar expressions are forward-looking statements. Although Lodestar Minerals believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements.*

*Lodestar makes no representation or warranty as to the accuracy, reliability or completeness of information in this document and does not take responsibility for updating any information or correcting any error or omission which may become apparent after this document has been issued. To the extent permitted by law, Lodestar and its officers, employees, related bodies corporate and agents (Agents) disclaim all liability, direct indirect or consequential (and whether or not arising out of the negligence, default or lack of care of Lodestar (and/or any of its Agents) for any loss or damage suffered by a Recipient or other persons arising out of, or in connection with, any use or reliance on this presentation or information.*

*Visual estimates of mineral abundance should never be considered a proxy or substitute for laboratory analyses where concentrations or grades are the factor of principal economic interest. Visual estimates also potentially provide no information regarding impurities or deleterious physical properties relevant to valuations.*

## Competent Persons Statement

*The information in this report that relates to Exploration Targets and Exploration Results is based on information compiled by Ms Coraline Blaud, who is a Competent Person and a Member of the Australian Institute of Geoscientists. Ms Blaud is a Non-executive Director of Lodestar Minerals Limited. Ms Blaud has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for the reporting of Exploration Results, Mineral Resources and Ore Reserves". Ms Blaud consents to the inclusion in the report of the matters based on her information in the form and context in which it appears. The information in this announcement that relates to previously released exploration results was disclosed under JORC 2012 in the ASX announcements dated:*

- **Lodestar Minerals ASX announcement 15<sup>th</sup> December 2021**
- **Lodestar Minerals ASX announcement 10<sup>th</sup> July 2023**
- **Future Battery Minerals announcement 7<sup>th</sup> August 2023**
- **Lodestar Minerals ASX announcement 9<sup>th</sup> December 2024**
- **Lodestar Minerals ASX announcement 16<sup>th</sup> December 2024**
- **Lodestar Minerals ASX announcement 15<sup>th</sup> January 2025**
- **Lodestar Minerals ASX announcement 12<sup>th</sup> May 2025**

*These announcements are available to view on the Lodestar website. The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.*

## Board and Senior Management

### **Head of Exploration / Non-ex Director – Coraline Blaud**

- Geologist with 10 years' experience in the junior mining sector working across multiple commodities including base metals, precious metals, lithium and potash in Western Australia, Europe and Africa
- Significant experience in Greenfields exploration and Resource Definition including the Abra Base Metal Deposit (Galena Mining Ltd) and the Menzies Gold Project (Kingwest Resources Ltd) in Western Australia

### **Executive Chairman – Ross Taylor**

- Chartered Accountant and finance professional with extensive experience in global investment banking and financial markets
- Senior positions with Deutsche Bank, Bankers Trust and Barclays Capital
- Largest shareholder in Lodestar

### **Non-Executive Director – David McArthur**

- Chartered Accountant with broad range of experience in financial and corporate management of public listed companies
- 35+ years experience in the mining industry including being an executive director for gold producing companies in Australia and overseas
- 2<sup>nd</sup> largest shareholder in Lodestar

## Capital structure

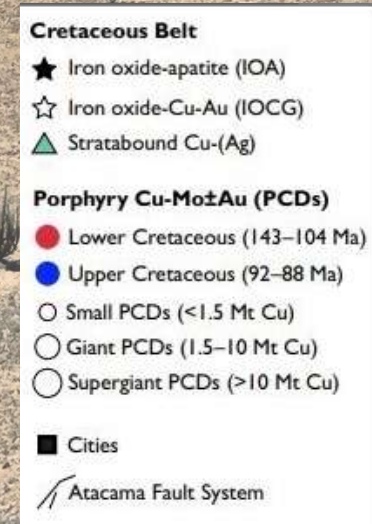
ASX code	LSR
Shares on issue	318,423,882
Options on issue	133.1m
Share price	\$0.006
Market capitalisation	A\$1.9m
Directors	15.31%
Top 20 shareholders	35%

### **Technical Adviser – Chile – Gonzalo Henriquez**

- Chilean geologist with 20+ years of experience on mineral exploration combined with applied geoscience, specialist on magmatic-hydrothermal mineral deposits.
- Lead exploration programs in companies such as SRK, BHP and EPG Partners (Chilean Private Equity Fund), exploring for base and precious metals in Chile.

## The Right Location for Discovery: Chile

- Chile is the largest Cu producer in the World and home to numerous IOCG - IOA and Cu-Au Porphyry deposits as well as high-grade Au deposits
- In the centre of Chile's Iron Oxide-Copper-Gold (IOCG) and Porphyry Copper Deposit (PCDs) belt, the largest in the World
- Very high-grade Cu-Au mineralisation from extensive rock chip samples including:
  - Au grades of 247 g/t Au, 229 g/t Au, 195 g/t Au, 185 g/t Au, and 166 g/t Au
  - Cu grades of 8.09% Cu, 7.78% Cu, 4.75% Cu, 3.43% Cu, 3.34% Cu and 3.14% Cu
- Multiple large magnetic anomalies with the potential for IOCG style and PCDs mineralisation at depth



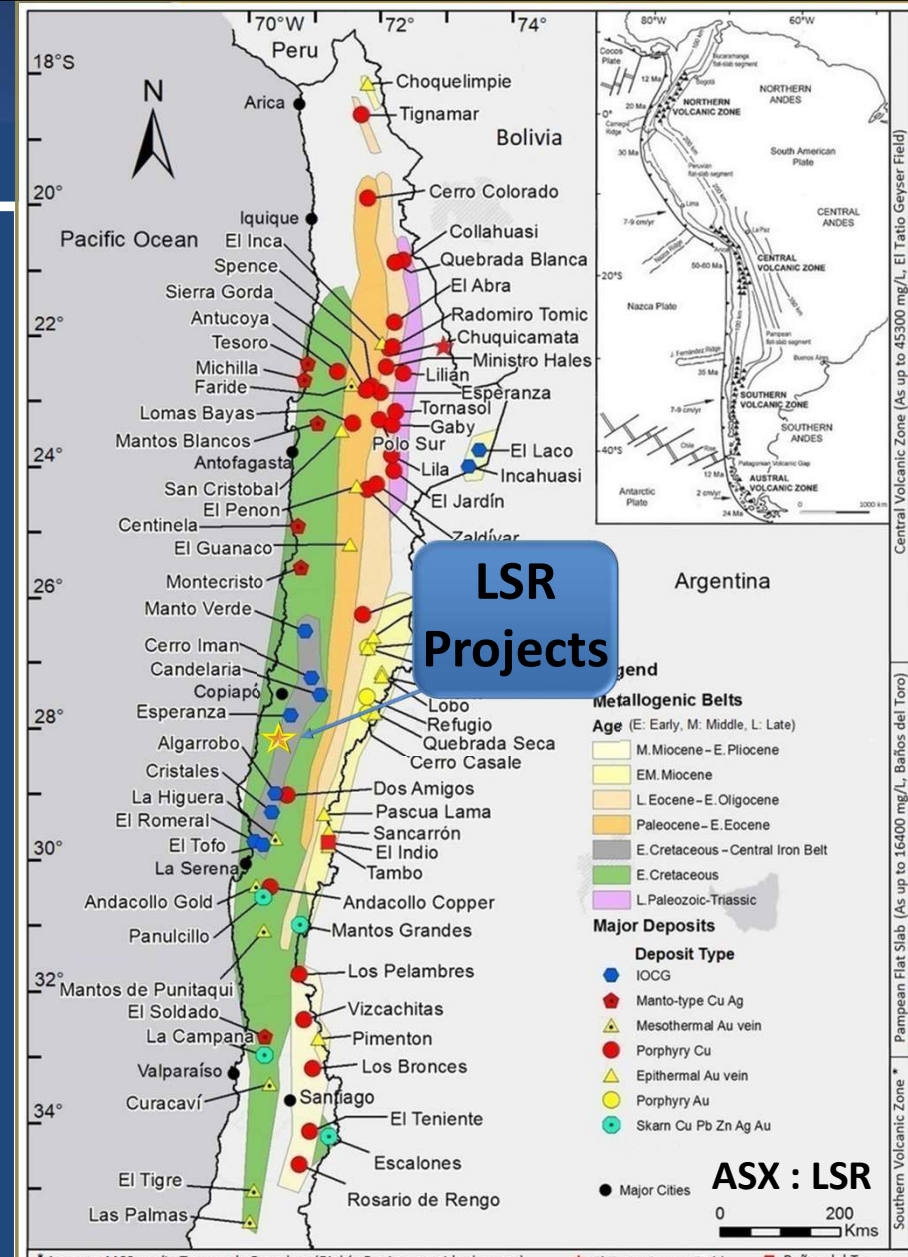
# Darwin and Three Saints Projects: A strategic location

## ➤ Infrastructure:

- Sealed access road crossing the tenement
- 20 km from the main highway, Ruta 5, with high voltage electricity running along the highway
- 75 km southwest of a large mining hub, the city of Copiapó, in Region III, the main mining district of Chile
- 30 km to the sea & 90 km north of the industrial port of Huasco
- In the Coastal Mountain Range, a low altitude range with access all year long

## ➤ Largest near by Mines:

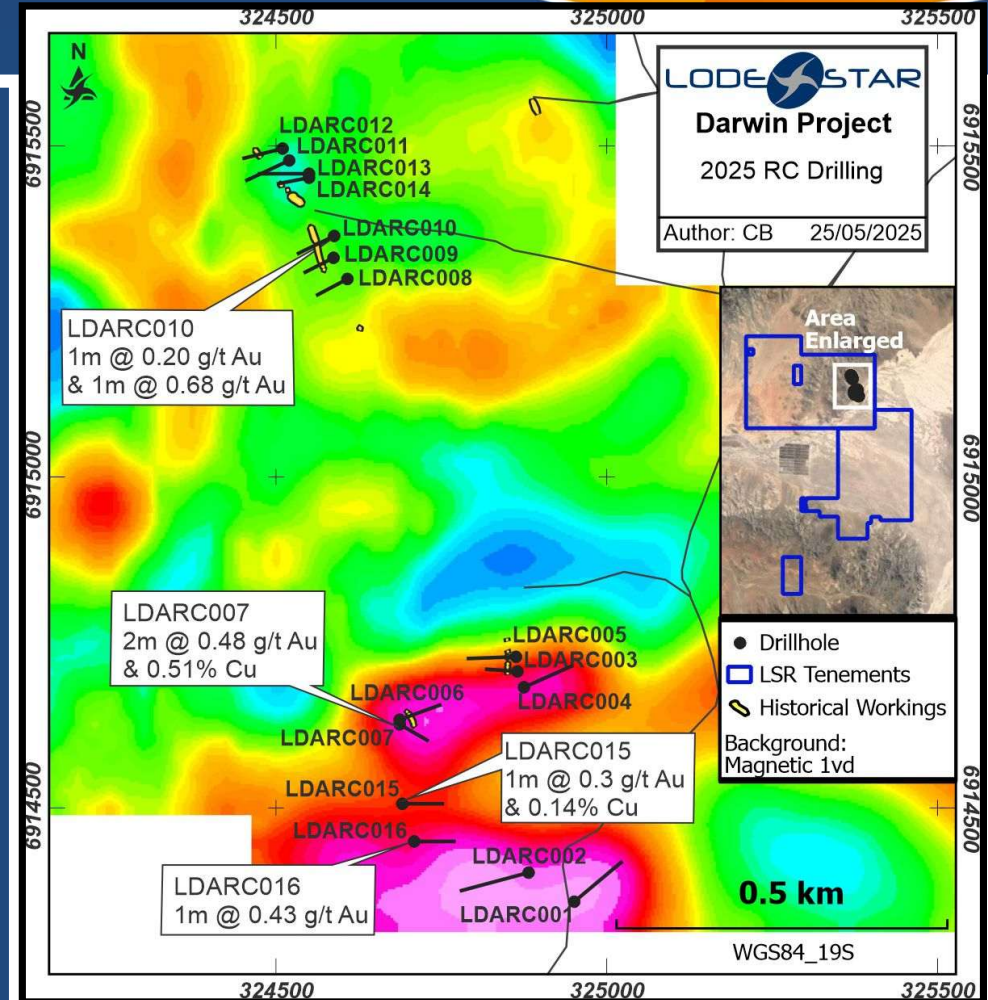
- Candelaria Mine (IOCG), 70 km northeast with a current Measured and Indicated combined resources of 1.4 Mt @ 0.56% Cu, 0.12 g/t Au & 1.9 g/t Ag operated by Lundin Mining (TSX: LUN)<sup>1</sup>
- Dos amigos & Tricolor mines (PCDs), 120 km south with a current inferred resources in the sulphide zone of 320 Mt @ 0.36% Cu and 0.26 g/t Au (CuEq: 0.51%) owned by Tintina Mines Limited (TSXV: TTS)<sup>1</sup>



<sup>1</sup> Source: Mineral Resource for each project sourced from publicly available materials (used without the consent of the source), see Appendix for details

# Darwin and Three Saints Projects: *Identified exploration targets*

- First pass RC drilling targeted small magnetic anomalies and historical workings
- RC drilling first assays received with > 60% assays still awaited
- Presence of alteration minerals indicating the potential for Porphyry and IOCG type mineralisation as well as high-grade gold veins
- **Strong presence of Quartz/Calcite-rich veins oriented N-S or NW-SE, which correspond to the orientation of the Atacama Fault System, the main mineralised corridor of the Region**
- **Large areas of both projects are under cover, with strong potential for undiscovered mineralisation at shallow depths**

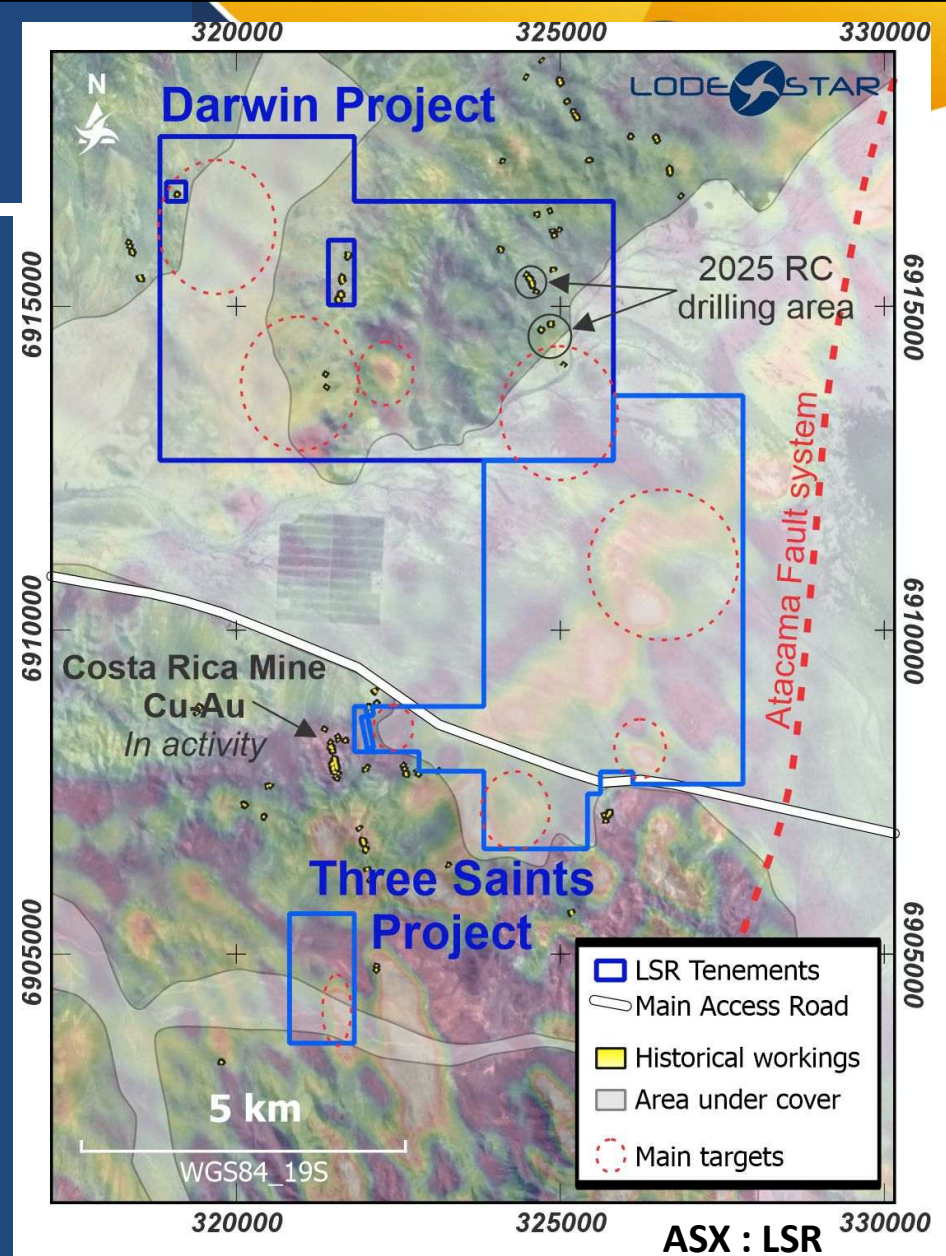


Significant results from first assays of RC Drilling completed in April 2025, overlaying a magnetic 1vd<sup>2</sup>

2. See Lodestar Minerals ASX release dated 12<sup>th</sup> May 2025

# Darwin and Three Saints Projects: New targets

- Multiple historical workings within and surrounding the tenements
  - Historical workings surrounding our tenement extend up to 1.8km in strike length (Costa Rica 1 mine<sup>3</sup>), and reaching depth up to 240m with mines classified as IOCG and IOA as well as Porphyry
- Multiples mineralised trends with historical mines outside our tenement boundary extending under cover into our tenements
- **Large untested magnetic anomalies** identified under cover as well as numerous structures branching of the main feeder structure: the Atacama Fault system
- The tenements are underexplored and prior to our last drilling program, no drilling had taken place on the tenements
- **Geochemistry surface sampling to be completed in July 2025 over the newly defined targets**



<sup>3</sup> Source: Mine information sourced from publicly available materials (used without the consent of the source), see Appendix for details

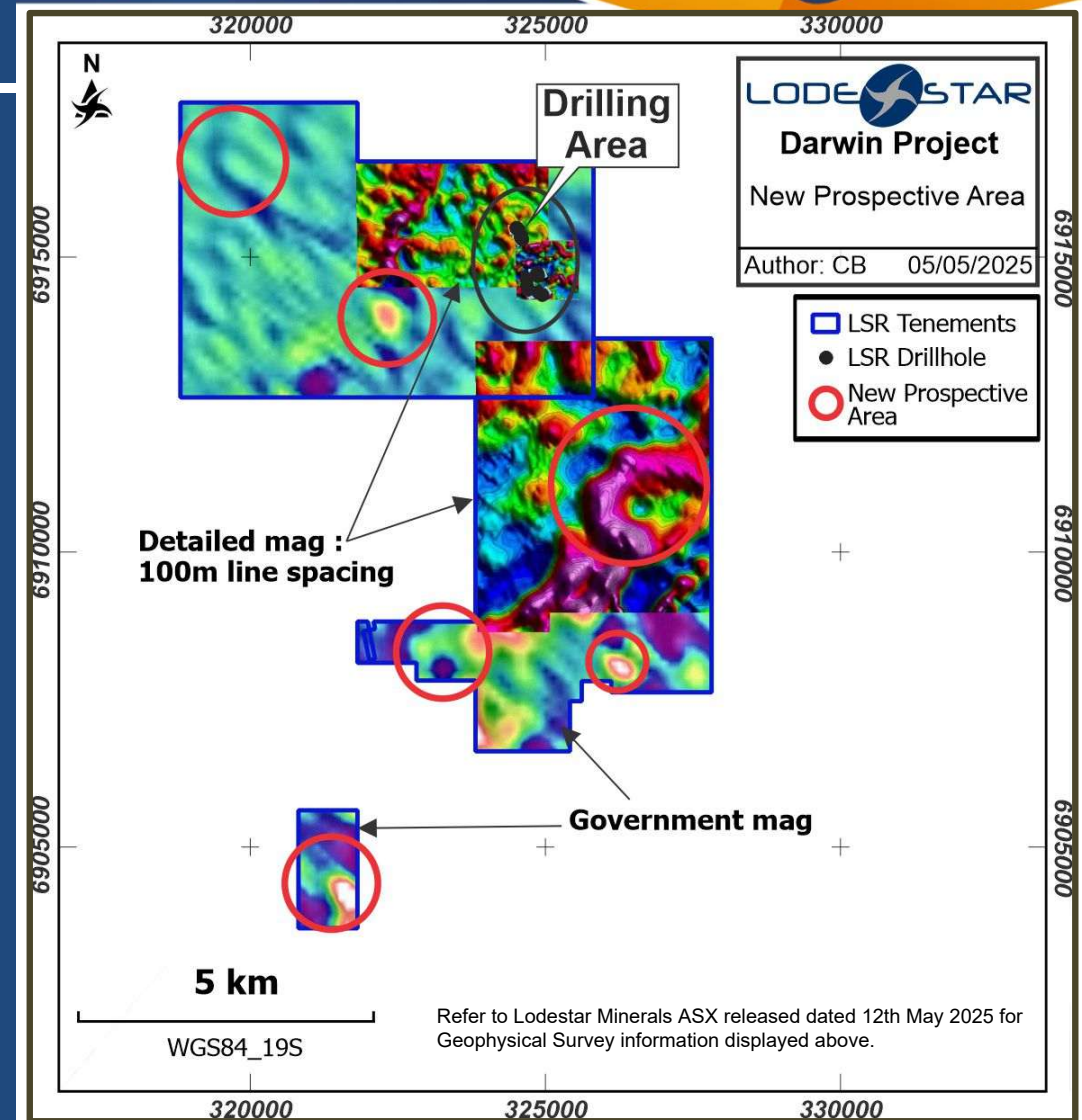
# Darwin and Three Saints Projects: *Improved knowledge*

- A geological mapping and review of the drilling logging data was completed to evaluate the potential of mineralisation in different areas across our tenements
- The presence of alteration minerals linked to PCDs and IOCG-type mineralisation is highly encouraging for the prospectivity of the ground



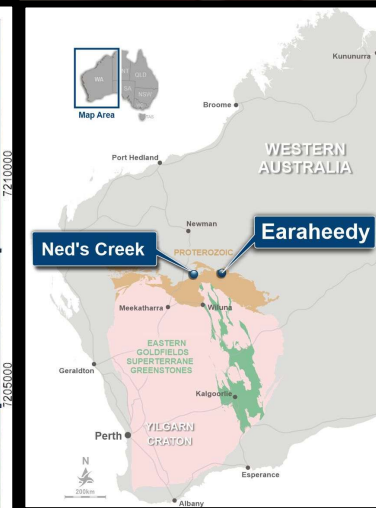
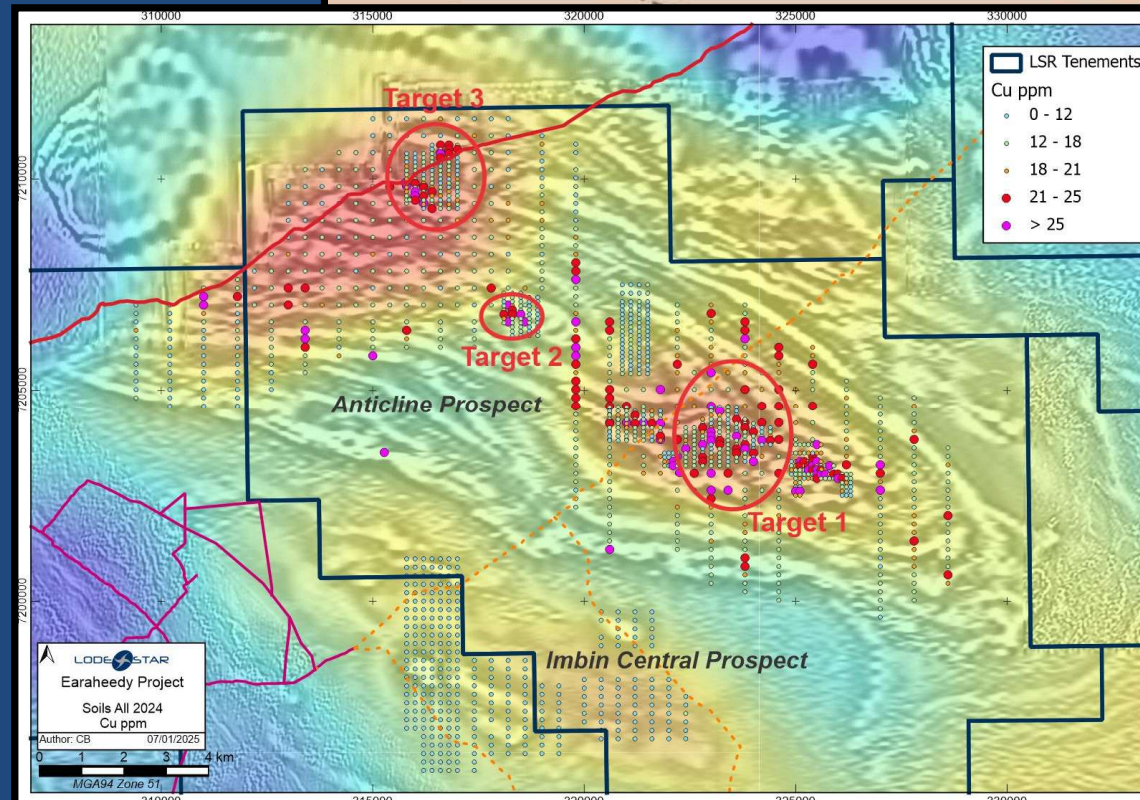
# Darwin and Three Saints Projects: *Next steps*

- A magnetometry drone-based survey will be completed over the new tenement in June
- A reconnaissance field visit is planned for mid-June:
  - Re-assay of the Quartz Vein encountered during the RC drilling
  - Planning for soil samples location for early July fieldwork
  - Geological mapping
- A soil sampling program targeting the newly defined targets will be completed in July over the outcropping areas
- Set up of a skilled Chilean geological team with on ground knowledge
- Next stage drilling program expected September



# Earaheedy Project: Cu & Au

- 800 square km land package in the Earraheedy Basin
- VMS Style potential: Emerging Earraheedy metallogenic terrane, same age as DeGrussa (Cu)
- E69/3532 recently granted and has undergone first pass soil Geochem sampling (650 samples identified three new target areas requiring follow up)
- Copper in historical drilling at Main Gossan intersected **2m at 4.65% Cu and 3m at 1.97% Cu<sup>5</sup>**
- Detailed geological mapping is planned for these targets in 2025



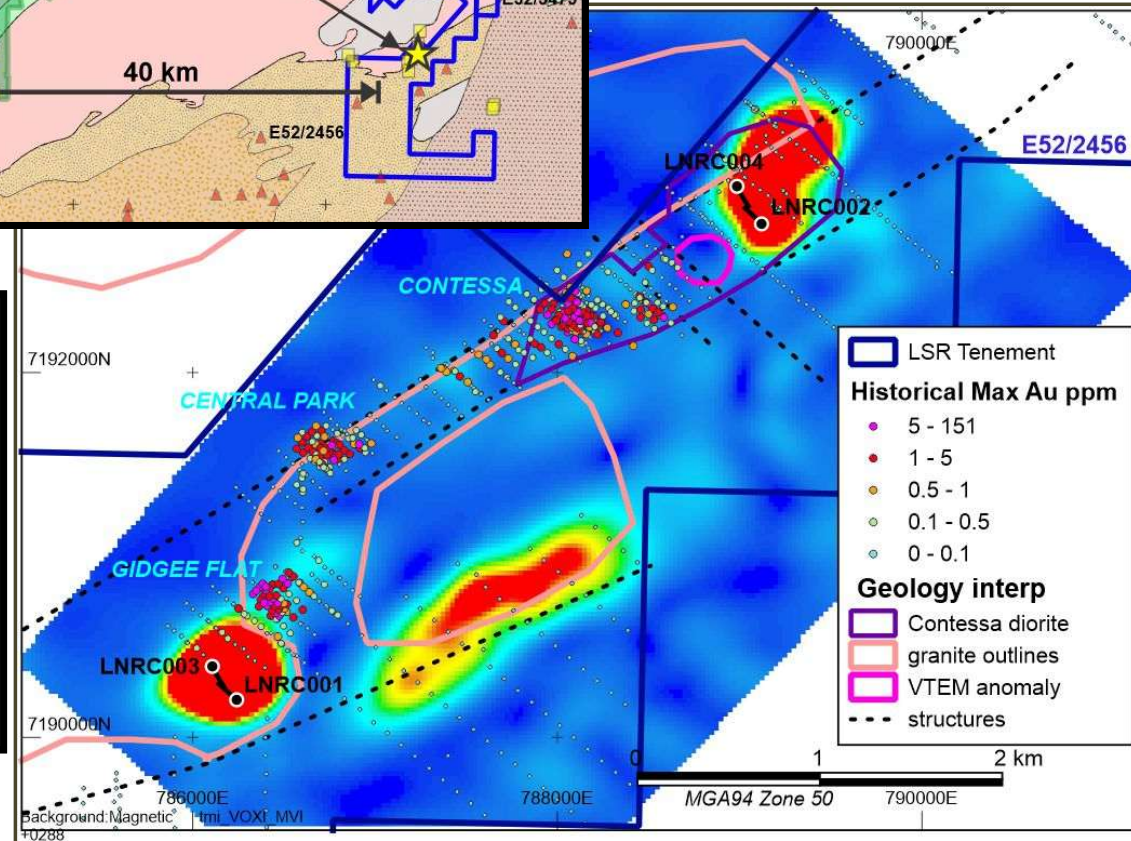
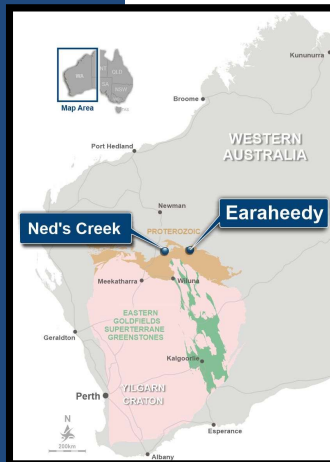
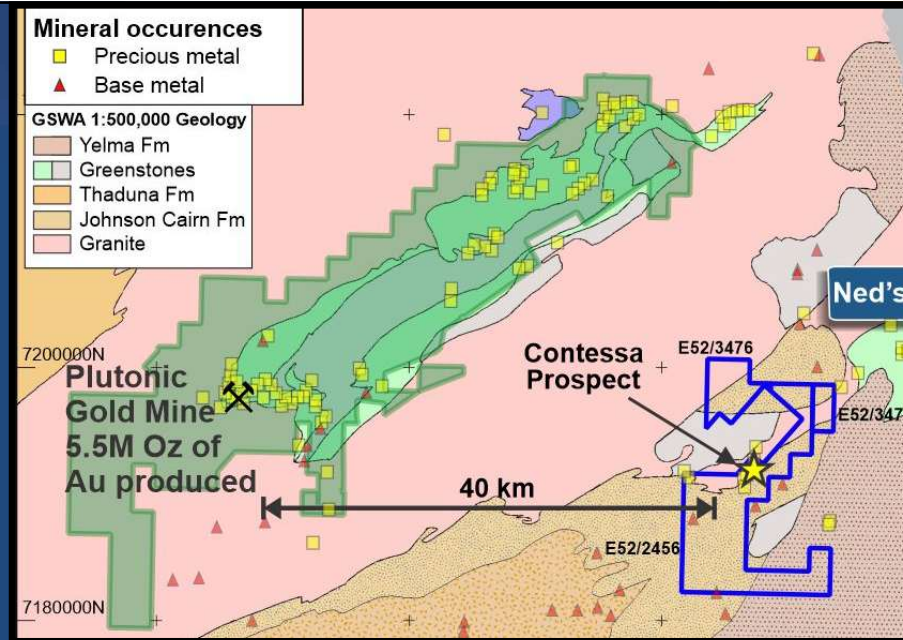
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5. See Lodestar Minerals ASX release dated 15<sup>th</sup> December 2021

# Ned's Creek Project: Au

## Multiple Gold Prospects

- Previous exploration of the Ned's Creek Project returned grades up to **11m @ 29 g/t Au inc 1m @ 151 g/t Au at Contessa<sup>6</sup>**
- 40km from the Plutonic Gold Mine and Processing Plant which produced 5.5M Oz of Au since 1990
- **All the mineralisation is located along the granite intrusive contact**
- Magnetic and VTEM targets tested with four RC holes and did not intersect significant Au but have not fully tested these targets



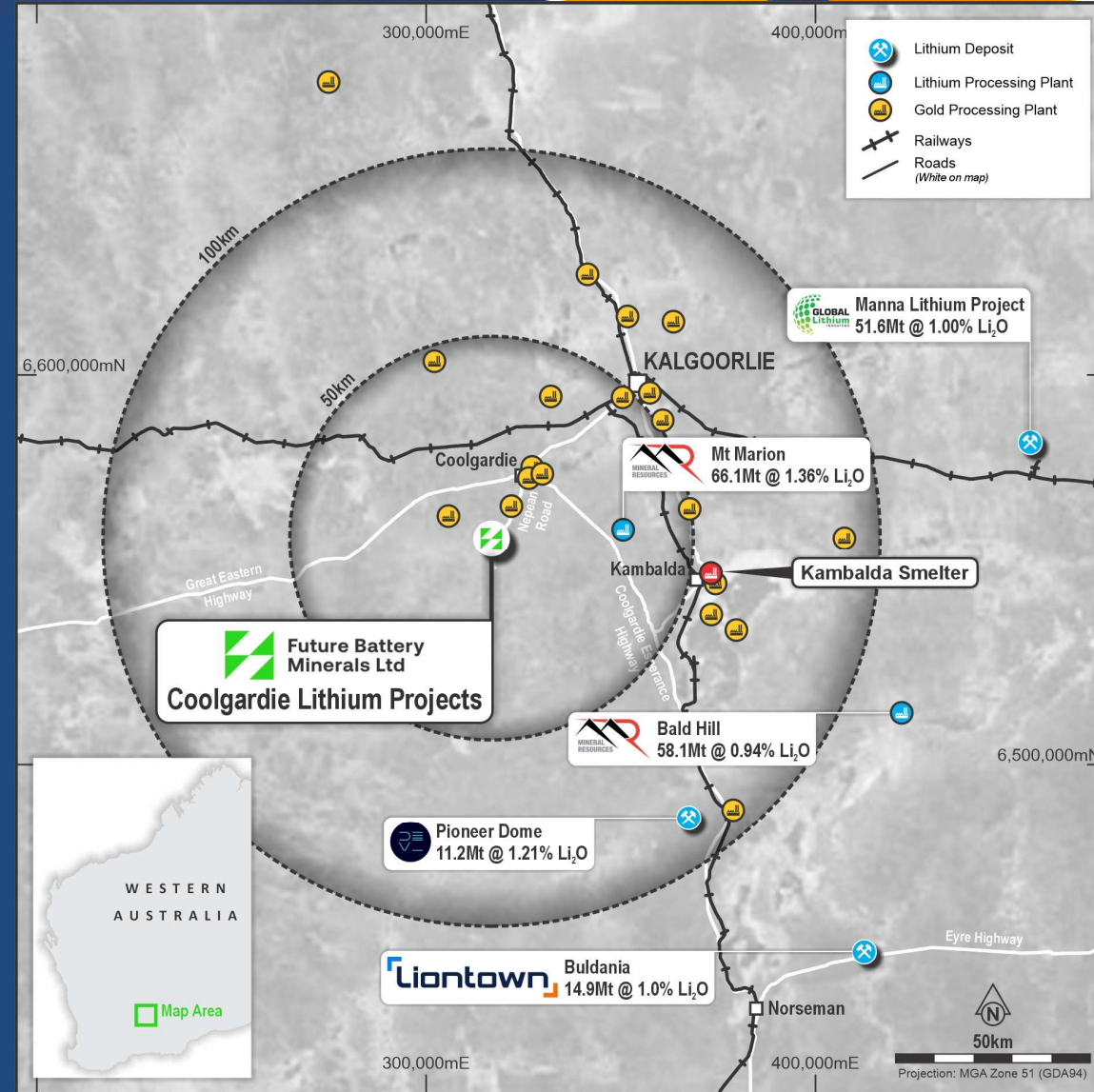
6. See Lodestar Minerals ASX release dated 15<sup>th</sup> December 2021

# Strategic Exposure: *Future Battery Minerals*



## A new LCT Pegmatite Discovery

- Future Battery Minerals (FBM) owns the Coolgardie Lithium Project in WA
- Coolgardie Lithium Project is 25km south of Coolgardie
- LSR has 27.5M Performance Rights convertible upon FBM proving a Mineral Resource (MRE) of >10Mt @ 1.0% Li<sub>2</sub>O<sup>7</sup>



7. See Lodestar Minerals ASX release dated 7 August 2023

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## *Why Invest in Lodestar Now?*

*Exciting new project creating a busy news flow pipeline over the next 6 months with on the ground exploration:*

- ✓ *Last samples from the RC drilling yet to be received*
- ✓ *Re-assay of the quartz veins targeting Au mineralisation intercepted during the drilling*
- ✓ *Soil sampling across the outcrops of the new prospective area to be completed in July*
- ✓ *Expanding our footprint in Chile*
- ✓ *Second round of drilling targeted for Aug/ Sept*



Contact Lodestar Minerals



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Coraline Blaud – Head of Exploration /  
Non-Executive Director

Ph: +61 8 9435 3200

Email: [info@lodestarminerals.com.au](mailto:info@lodestarminerals.com.au)

Address: Level 1/31 Cliff St, Fremantle WA 6160

## Resource benchmarking data

Mine	Company	Measured				Indicated				Inferred				Total Resource				Resource date
		Mt	Cu %	Au g/t	Ag g/t	Mt	Cu %	Au g/t	Ag g/t	Mt	Cu %	Au g/t	Ag g/t	Mt	Cu %	Au g/t	Ag g/t	
Candelaria	Lundin Mining	518	0.39	0.09	1.3	589	0.58	0.13	1.8	122	0.56	0.11	1.4	1,442	0.56	0.12	1.9	Dec, 2024
Carmen de andacollo	Teck	126	0.32	0.1		112	0.29	0.1						238	0.31	0.1		Dec, 2024
Dos Amigos	Tintina Mines									320.6	0.36	0.26		320.6	0.36	0.26		Jan, 2025

## Reference data

Mine	Company	Hyperlink
Candelaria	Lundin Mining	<a href="https://lundinmining.com/operations/reserves-and-resources/">https://lundinmining.com/operations/reserves-and-resources/</a>
Carmen de andacollo	Teck	<a href="https://www.teck.com/media/AIF-2025.pdf">https://www.teck.com/media/AIF-2025.pdf</a>
Dos Amigos	Tintina Mines	<a href="https://tintinamines.com/wp-content/uploads/2025/01/20250123_TTS_News-Release_Files_-NI-43-101-for-the-Domeyko-Sulfuros-Project-.pdf">https://tintinamines.com/wp-content/uploads/2025/01/20250123_TTS_News-Release_Files_-NI-43-101-for-the-Domeyko-Sulfuros-Project-.pdf</a>
Costa Rica 1	Private	<a href="https://portalgeo.sernageomin.cl/sia/PDF_Complete/ficha_yacimiento_1567_23122014.pdf">https://portalgeo.sernageomin.cl/sia/PDF_Complete/ficha_yacimiento_1567_23122014.pdf</a>