



Advancing a district scale epithermal gold system in a Tier 1 Mining Province

The Lachlan Fold Belt, NSW, Australia

Brisbane Mining Conference, 23 March 2023



ASX: LGM

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This presentation contains exploration results and historic exploration results as originally reported the Company's Prospectus dated 28 July 2021 and released 9 September and subsequent ASX market announcements. The Company confirms that it is not aware of any new information that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified from the original market announcements.

The information in this presentation that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Thomas Wall, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr Wall is the Technical Director is a full-time employee of Legacy Minerals Limited and a shareholder, who 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 Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Wall consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The release of these presentation materials has been authorised by the Board.



Portfolio

Bauloora Au-Ag Epithermal

Rockley Cu-Au Porphyry

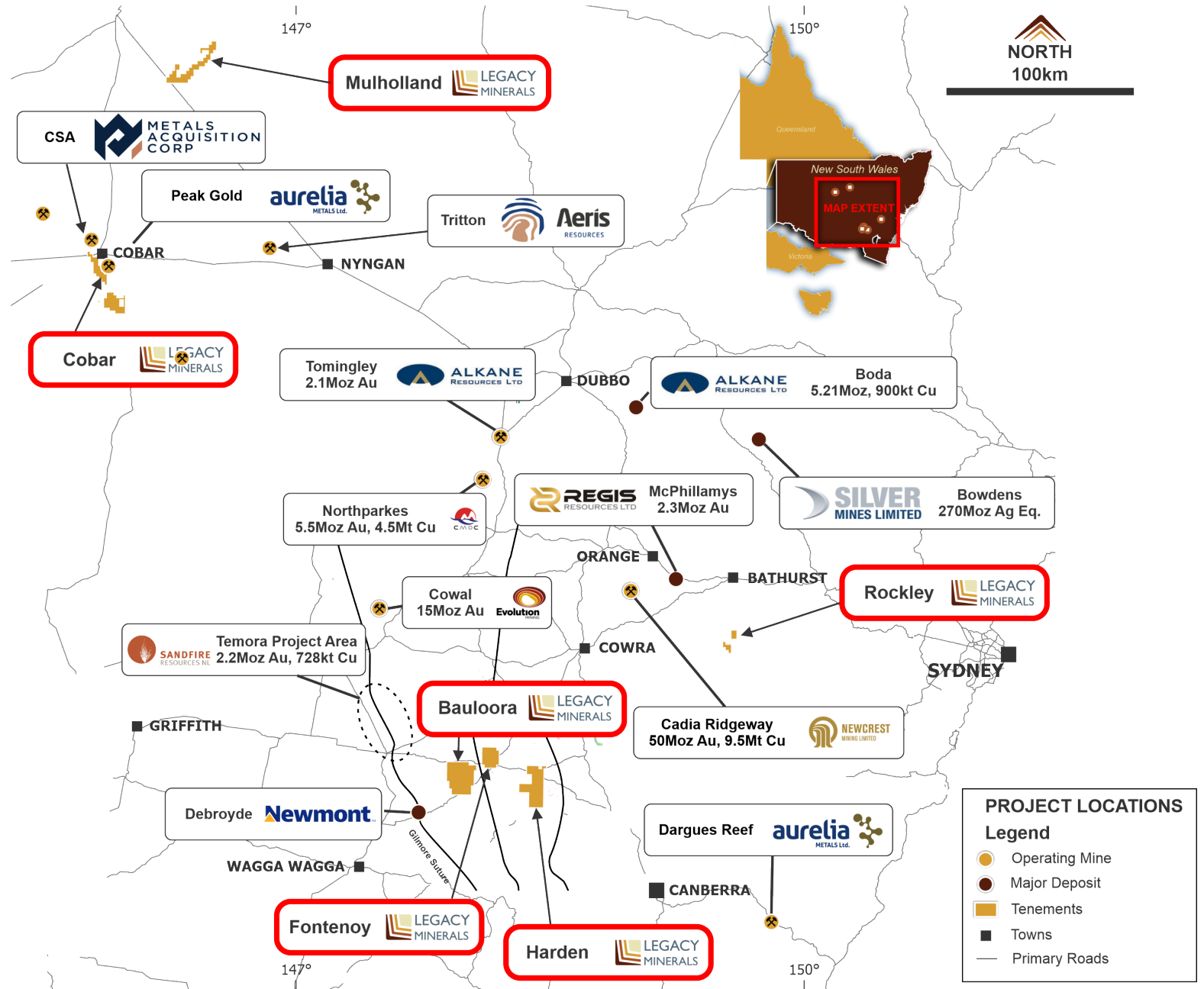
Cobar Au-Cu Cobar Type

Fontenoy Cu-Au Porphyry

Mulholland Ni-Sn-REE Skarn

Harden Au Orogenic

100% ownership of 1,830km² of exploration tenements

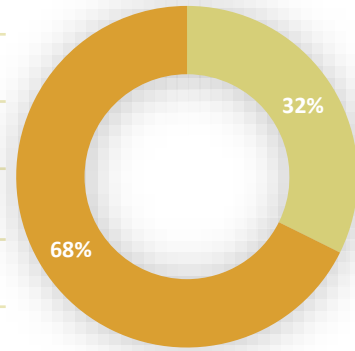


Company overview

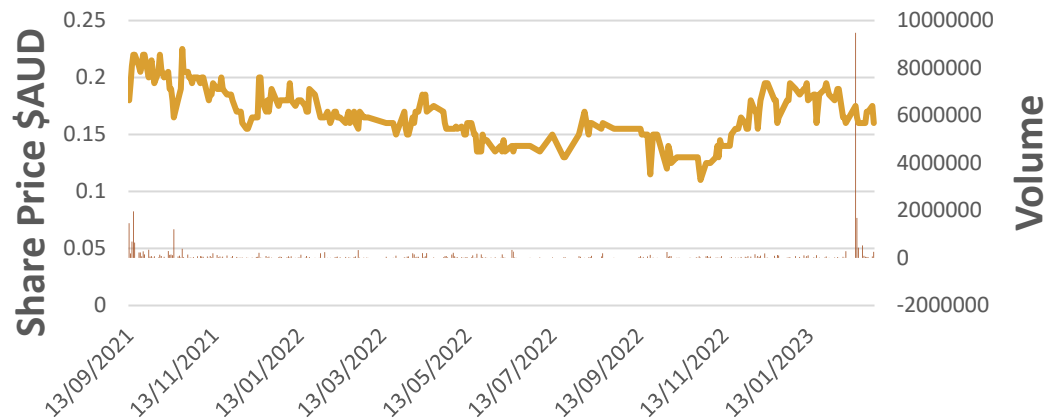
Capital Structure¹

ASX Share Price	\$0.16
Shares on Issues	83M
Options on Issue (30c, 22.5c)	4.9M, 0.4M
Market Capitalisation	\$13M
Cash (at Dec-31)	\$2.7M
Debt	Nil
Top 20	56%

Issued Capital



■ Board and Management
■ Other Shareholders



Directors



Dr David Carland
Non-Executive
Chairman

Investment banker with over 40 experience. Has held senior positions at UBS, Bankers Trust, CRA (now Rio Tinto). David was recently the Non-Executive Chair of Rex Minerals (RXM).



Douglas Menzies
Non-Executive
Director

Geologist with 28 years of widespread experience in the porphyry gold-copper districts of PNG and Australia, epithermal gold-silver projects in Australia, Indonesia, Fiji, Laos, Chile. Doug has held positions at Rio Tinto, Wafi-Golpu, and is the VP of Inflection Resources.



Matthew Wall
Non-Executive
Director

Commercial specialist with over 35 years of experience in metals and mining across sales, marketing, logistics, trading, and risk management. Matt has held senior management roles with Rio Tinto, EDF Trading and Wood Mackenzie and is a director with Allegiance Coal (AHQ)

Management



Christopher Byrne
CEO & Managing
Director

Electrical Engineer with diverse experience in the mining sector with Anglo American across maintenance, operations, and capital works. Proven record of delivering large and complex mining and infrastructure projects in greenfield and brownfield environments



Thomas Wall
Exploration Manager
& Executive Director

Exploration Geologist with wide ranging exploration industry experience with senior roles at Peak Gold Mines and New South Resources. Demonstrated exploration and mining success across a variety of commodities and deposit styles

**NSW's largest, underexplored
low sulphidation epithermal**

Drilling assays pending

Bauloora Au-Ag



Regional Setting

NSW - home to several large low-sulphidation systems

Cowal, Evolution Mining, ~15Moz¹

- Pre-discovery 'Gold Zone' defined by 15km² of >0.1g/t Au (1988)

Bauloora (100% Legacy Minerals)

- Pre-discovery 'Gold Zone' defined by 15km² of >0.2g/t Au in rock chip sampling (2022)

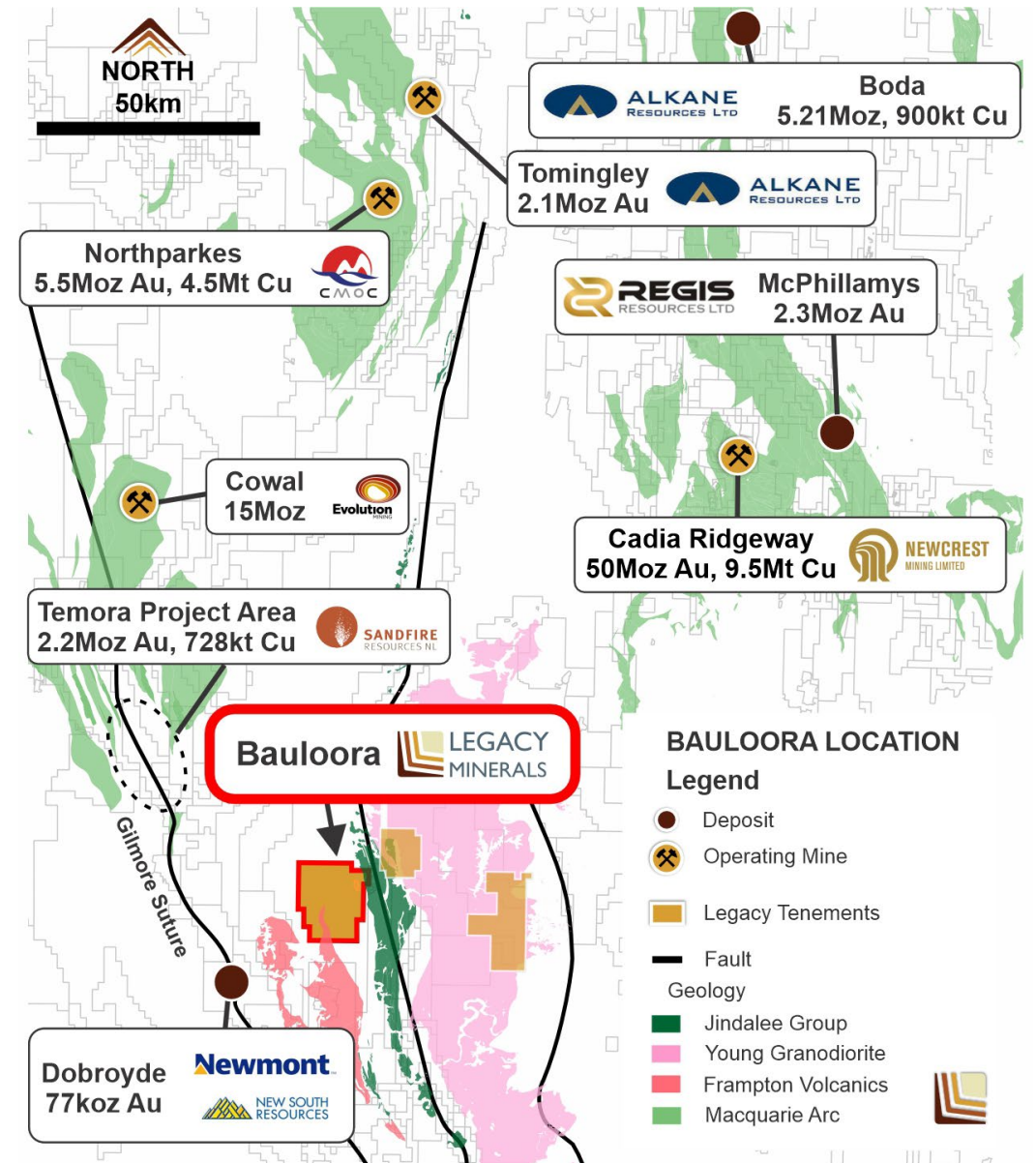
Bowdens, Silver Mines 275Moz Ag Eq²

- Australia largest undeveloped silver deposit

Mineral Hill, Kingston Resources

BAULOORA

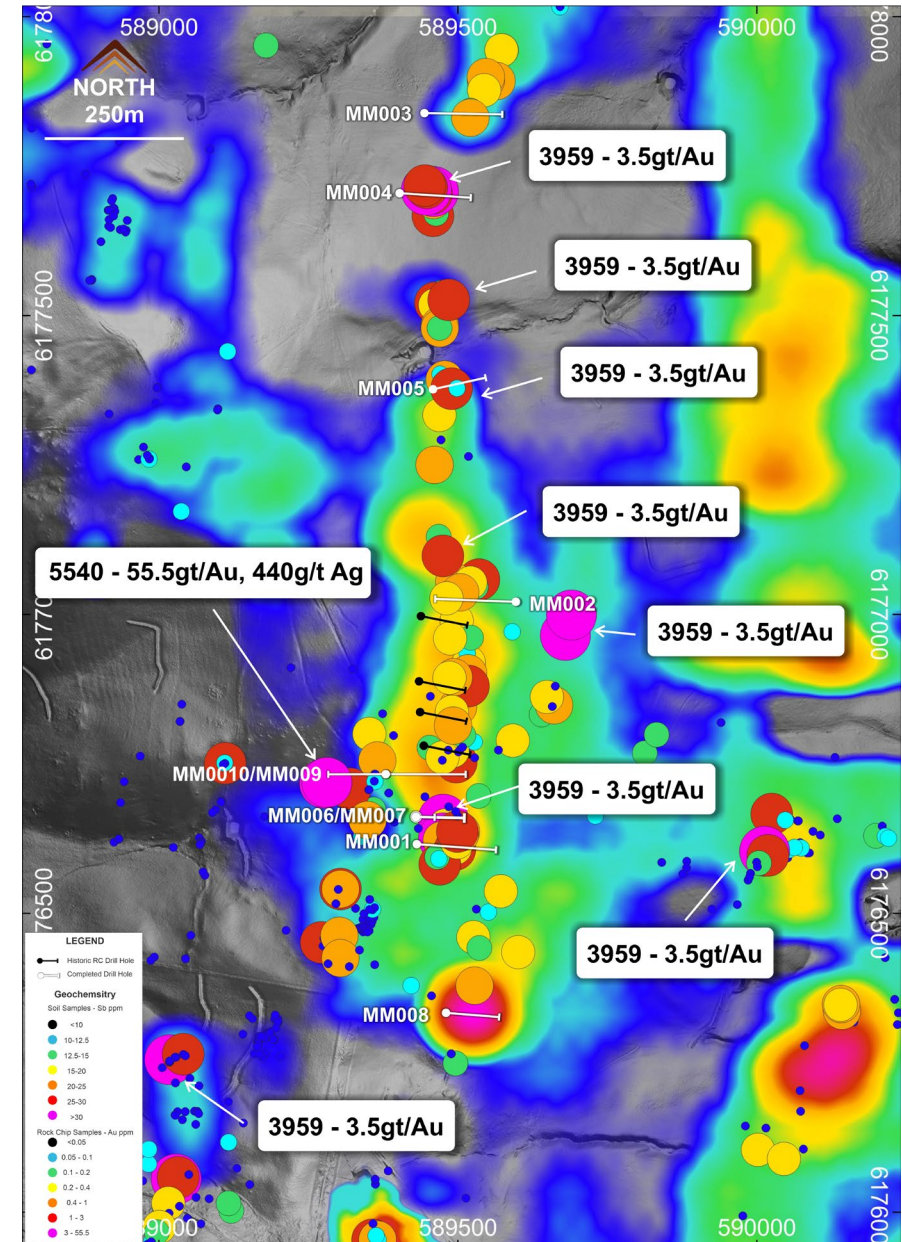
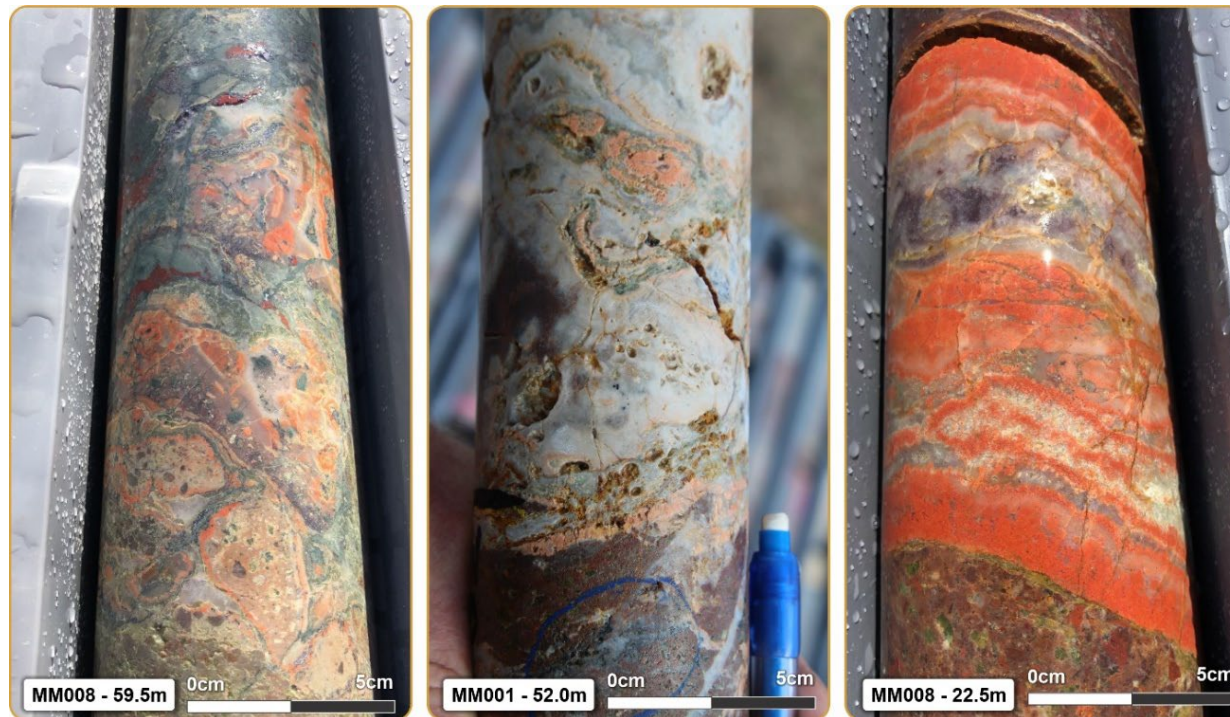
“Scale, grades with exceptional metallurgy in a world class location”



Drilling Completed – Assays pending

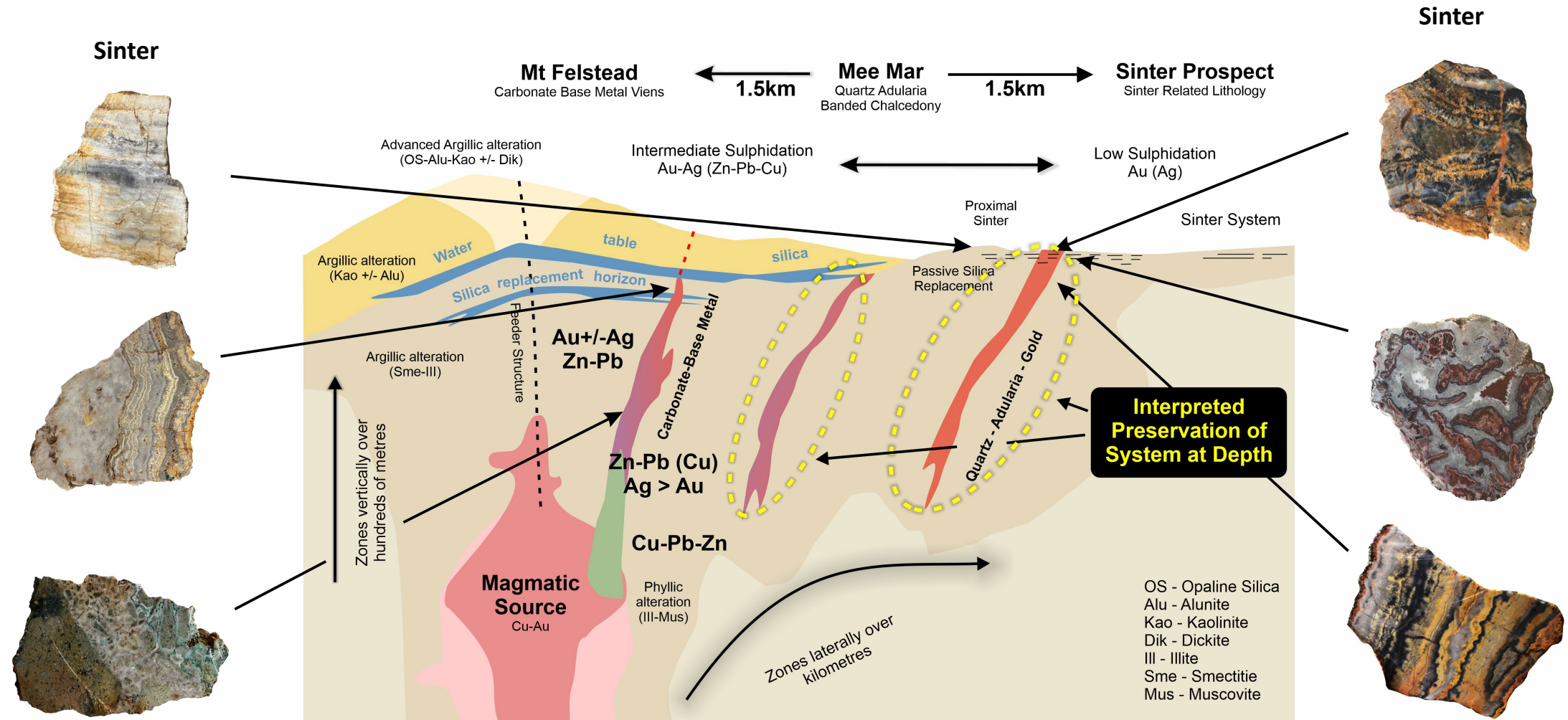
Targeting undrilled high order geochemical anomalous vein trends

- 1,649.6m of diamond drilling completed
- Wide spaced proof of concept drilling tested 1.5km of strike
- New epithermal vein discovery (MM008)
- Impressive, **shallow**, continuity of mineralisation across entire strike length



Mee Mar Prospect showing the location of completed diamond-cored drill holes, over Sb soil sample results and Au rock chip results

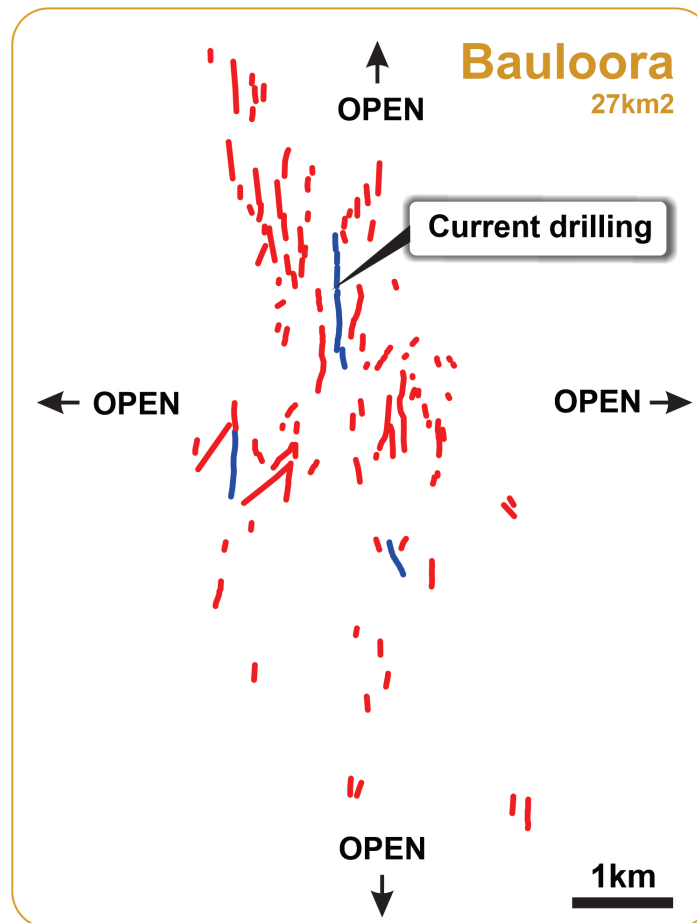
Bauloora epithermal system rock textures



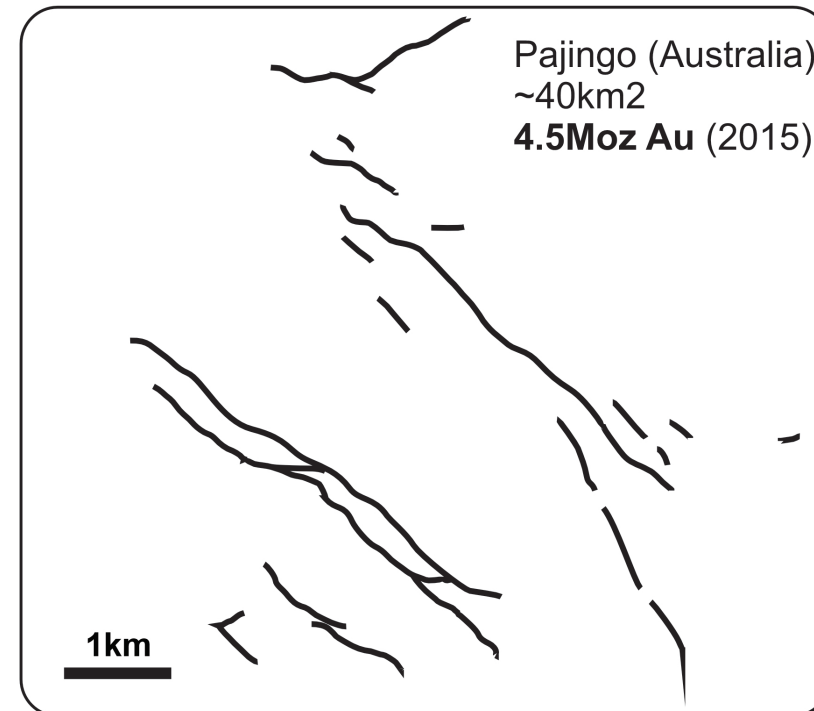
Interpreted depositional setting with rock sock samples from the Bauloora Project
based on vein texture relationships¹ (adapted from GlobalOre)

Globally Significant Project Scale

- The Bauloora vein field is of similar scale to typical multi-million oz vein fields found globally¹
- The Company is actively stepping out and mapping the system which is **open in all directions**
- Technical comparisons from the textures, vein field, and geochemistry to globally significant projects including Cracow and Cerro Negro



Vein Fields



High Grade Drill Intercepts

Mt Felstead Prospect¹

- 9m at 8.5g/t Au Eq. from 145m inc. 2m at 24.1g/t Au Eq. from 148m
- 3m at 7.1g/t Au Eq. from 149m

Mee Mar Prospect

- 3m at 5.8g/t Au Eq. from 69m (HB1)
- 5m at 1.8g/t Au Eq. from 70m (HB4)
- **Drill hole MM008 - New epithermal vein discovery - estimated 12m true width**

Breccia Sinter Prospect

- 20m at 0.44g/t Au from surface

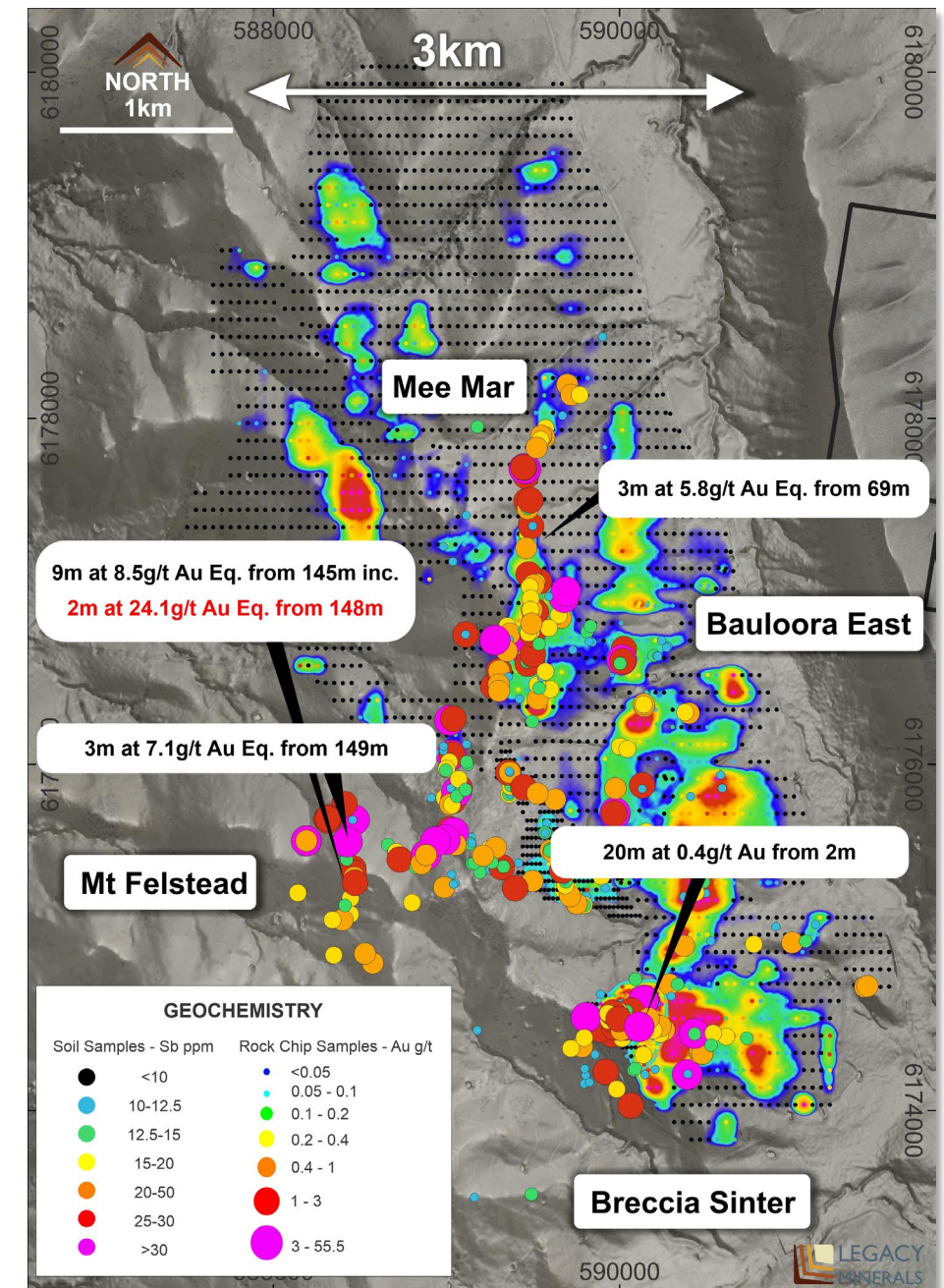
Representing the tip of the iceberg?

- Potential to represent top of a larger system
- These systems are known for vertical zonation and world-class low sulphidation systems develop at depth

Multiple undrilled targets across the district

- **Drilling areas constitute less than 1% of the anomalous gold zone**

Bauloora gold reported equivalents are based on assumptions: $AuEq(g/t) = Ag(g/t) + 49 * Zn(\%) + 32 * Pb(\%)$ and $ZnEq(\%) = Zn(\%) + 0.021 * Ag(g/t) + 0.648 * Pb(\%)$ calculated from 31 August 2022 spot prices of US\$1,710/oz gold, US\$18.88/oz silver, US\$3,540/t zinc, US\$7,719/t copper, US\$1,949/t lead and metallurgical recoveries of 88.3% gold, 96.9% silver, 97.4% zinc, 94.6% copper, and 95.5% lead which is 3rd stage rougher concentration stage average recoveries in test work commissioned by LGM and reported in the ASX announcement dated 4 July 2022 titled "Exceptional Gold-Silver-Lead-Zinc Recoveries at Bauloora". It is LGM's opinion that all the elements included in the metal equivalents calculation have a reasonable potential to be recovered and sold.



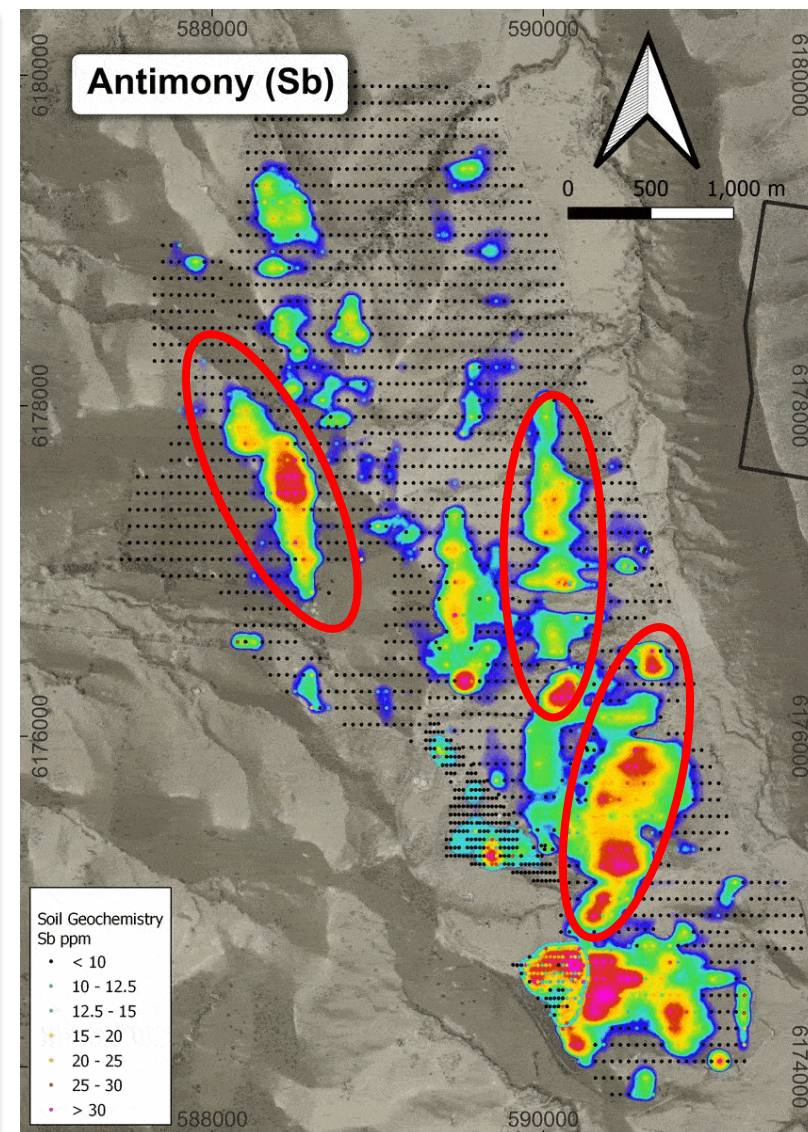
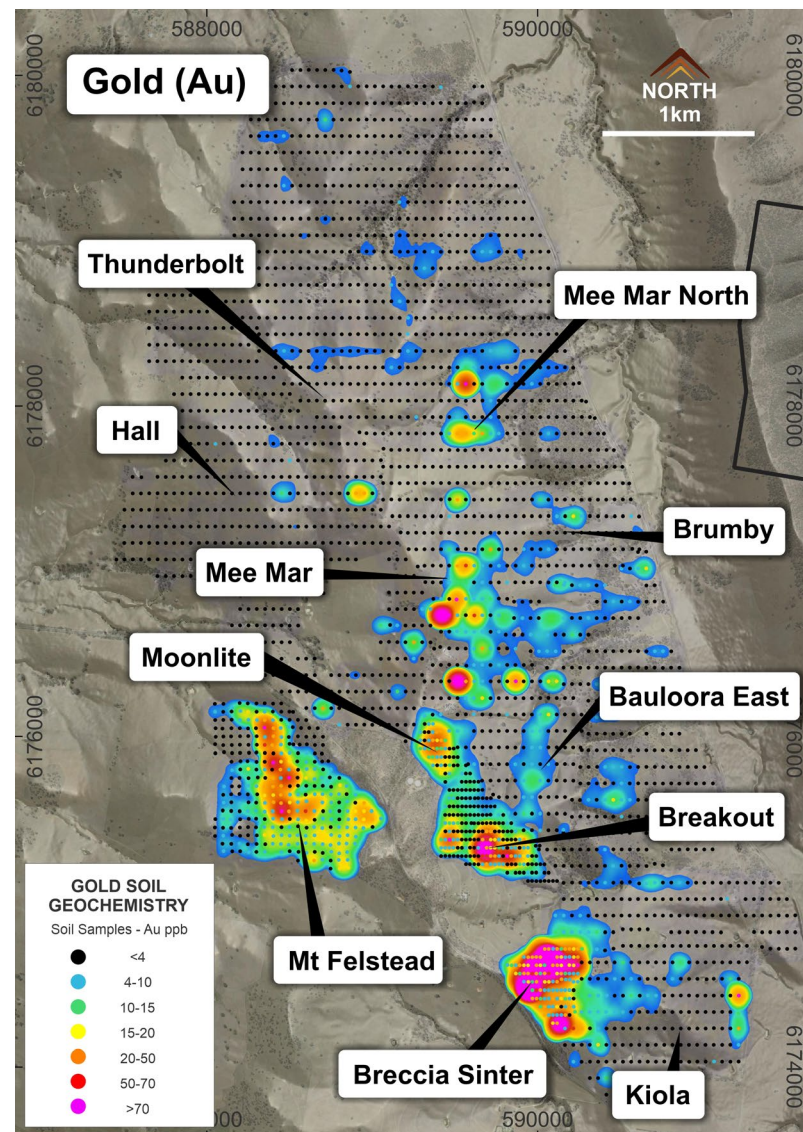
Significant geochemical targets¹

Scale - Widespread Footprint

- A vast (kilometre-scale) zone of anomalous geochemical values coincident with mapped alteration and low sulphidation epithermal-style system exhibiting strong associated metal content.

Strong, coherent drill targets

- The field work evidence near many of these geochemical anomalies includes **high-grade gold (up to 55.5g/t Au)** and **silver (up to 904g/t Ag)** rock chip samples with quartz vein textures consistent with low sulphidation epithermal style mineralisation

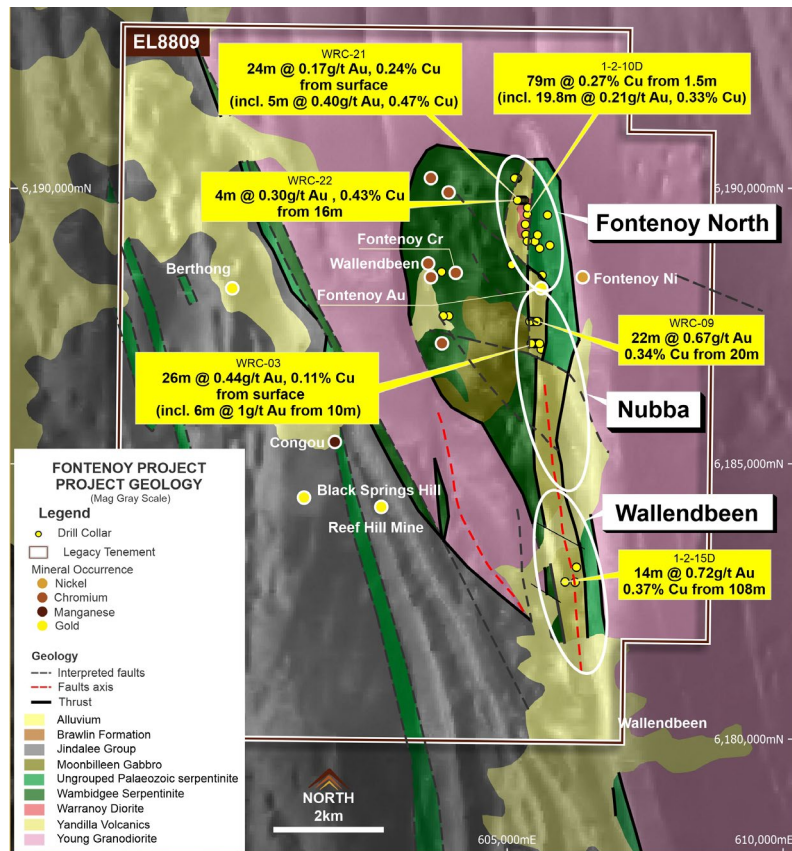


¹ ASX: LGM 5 December 2022: Bauloora soil results define multiple gold drill targets

Realising value through strategic partners

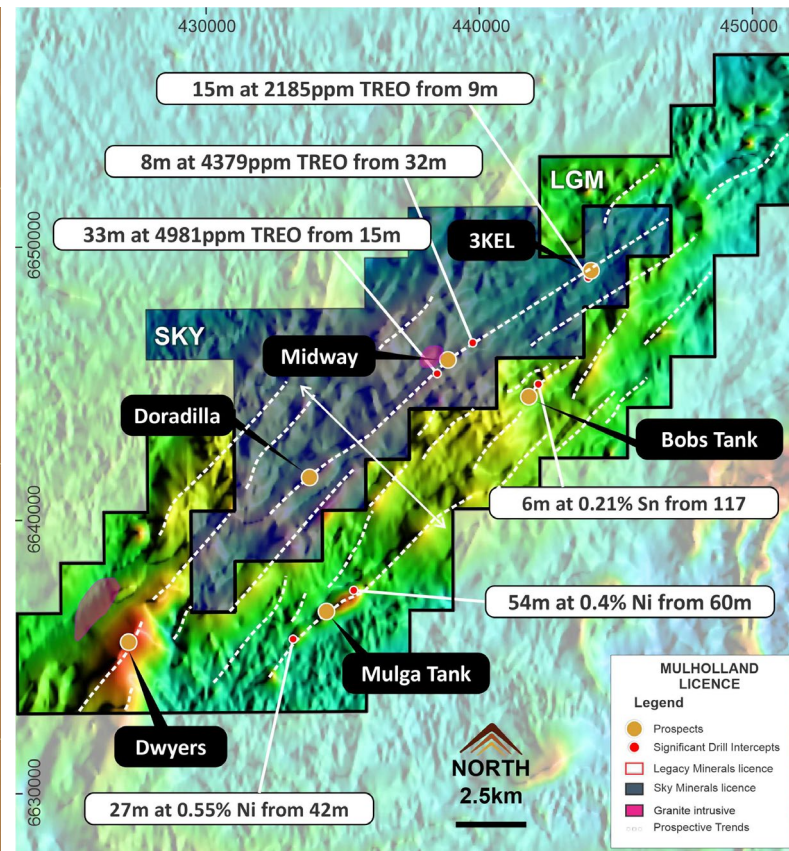
Fontenoy – Cu, Au, PGE

8km of copper and gold mineralisation with limited drill testing



Mulholland – Ni, Sn, REE

Known skarns and untested anomalies with several significant drill ready nickel and tin prospects



Earth AI

Strategic Alliance putting LGM at the exploration forefront

- Exposure for LGM shareholders to the priority AI owned by Earth AI (EAI)
- EAI have locally based drilling operations
- EAI will spend pp to \$4.5M over 2 years
- Unlike a 'classic JV' – purely success based
- LGM retain 100% ownership

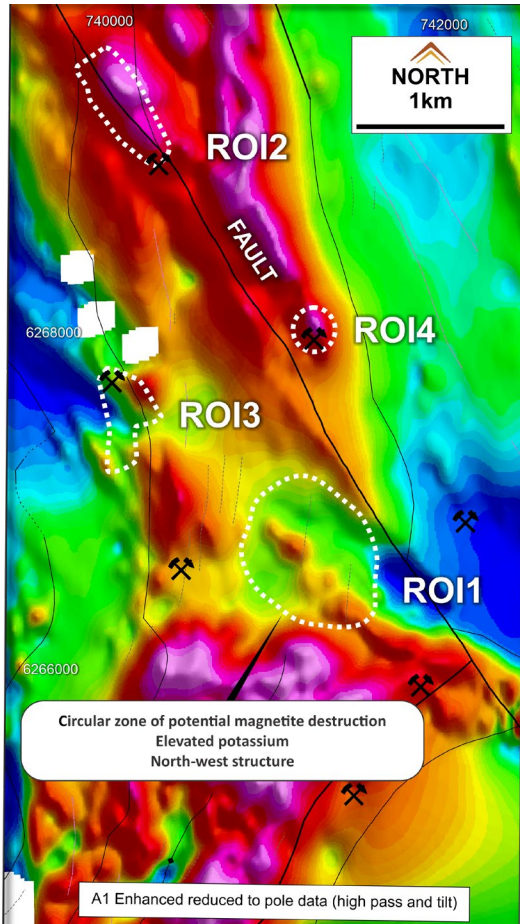


Accelerated exposure to discoveries while LGM remains focused at Bauloora

Depth of Projects in a World Class Location

Rockley

Copper anomalism over untested porphyry targets^{1,2}



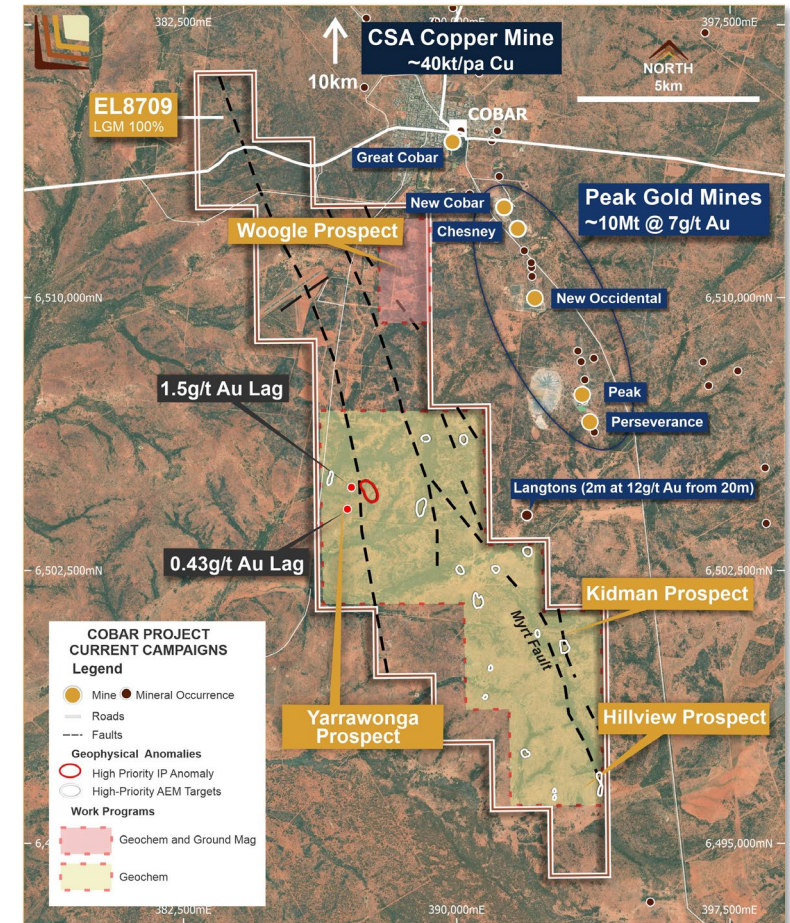
Harden

High-grade gold intercepted³ across historical mining district (0.46Moz)⁴



Cobar

Positioned in the heart of the Cobar Basin with untested gold and AEM targets



1: ASX: LGM 4 April 2022: Extensive Copper and Gold in Rock Chips and Rockley 2: ASX: LGM 27 July 2022 Geophysics Defines Porphyry Copper-Gold Targets at Rockley , 3: ASX: LGM 5 October 2021 Additional High-Grade Gold Assays at Harden, 4: Company's Prospectus dated 28 July 2021 lodged 9 September 2021 (ASX: LGM)

2023 Exploration Program and News flow

Bauloora Au-Ag Epithermal System

- Assays pending - due Q2 2023
- Drilling grant from the NSW Government
 - **Planned drilling Q3** - Breccia Sinter
- Geophysics grant from the NSW Government
 - **Planned survey Q2** - Detailed magnetics

Fontenoy Cu-Au

- Assays pending Q2 - Earth-AI reconnaissance from initial field work
- Large scale aerial electromagnetics (AEM) (NSW Government Program)

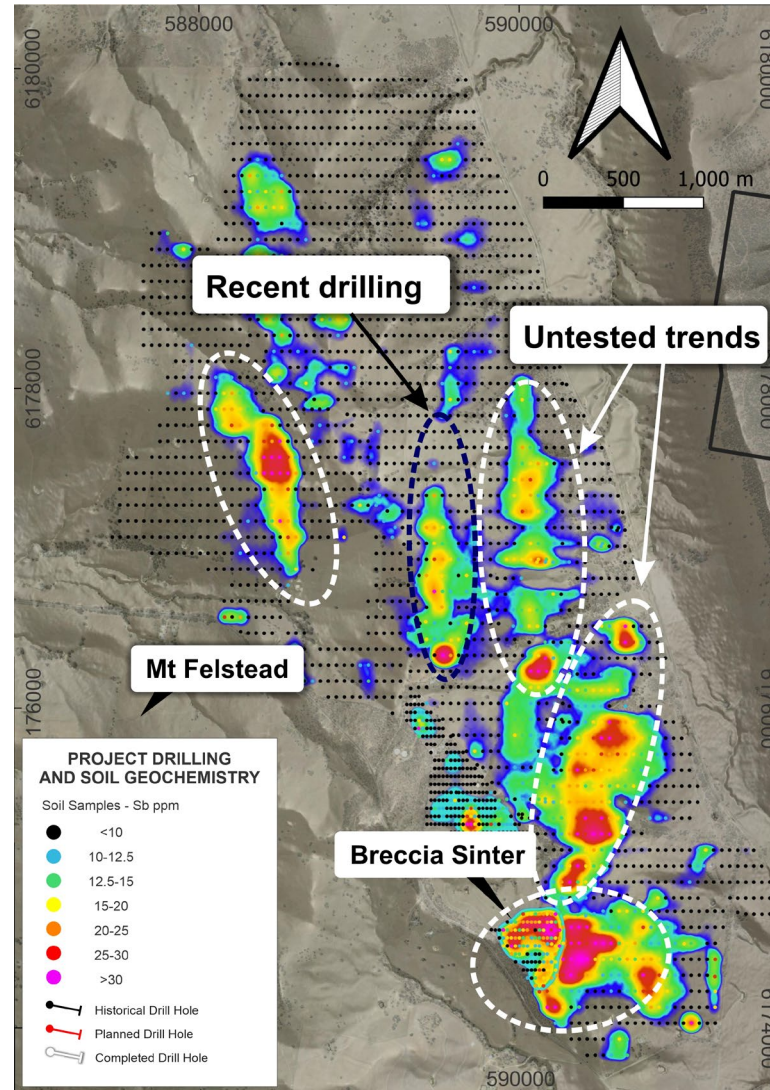
Cobar Au-Cu

- Completion of geochemical survey
- Seismic survey funded by NSW Government Program)

Rockley Cu-Au

- Completion of geochemical survey

Bauloora "Gold Zone"



Bauloora - Valuation creation through discovery success

District scale control – 330km² license

- Alteration across 150km² zone
- 27km² low sulphidation vein field

Untested potential

- Previously unrecognised opportunity
- 1 drill hole every 75ha, average depth 88m

High-Grades and Extensive Veining

- High-grade gold, silver and base metals
- Veins up to 3m wide at surface for >2km

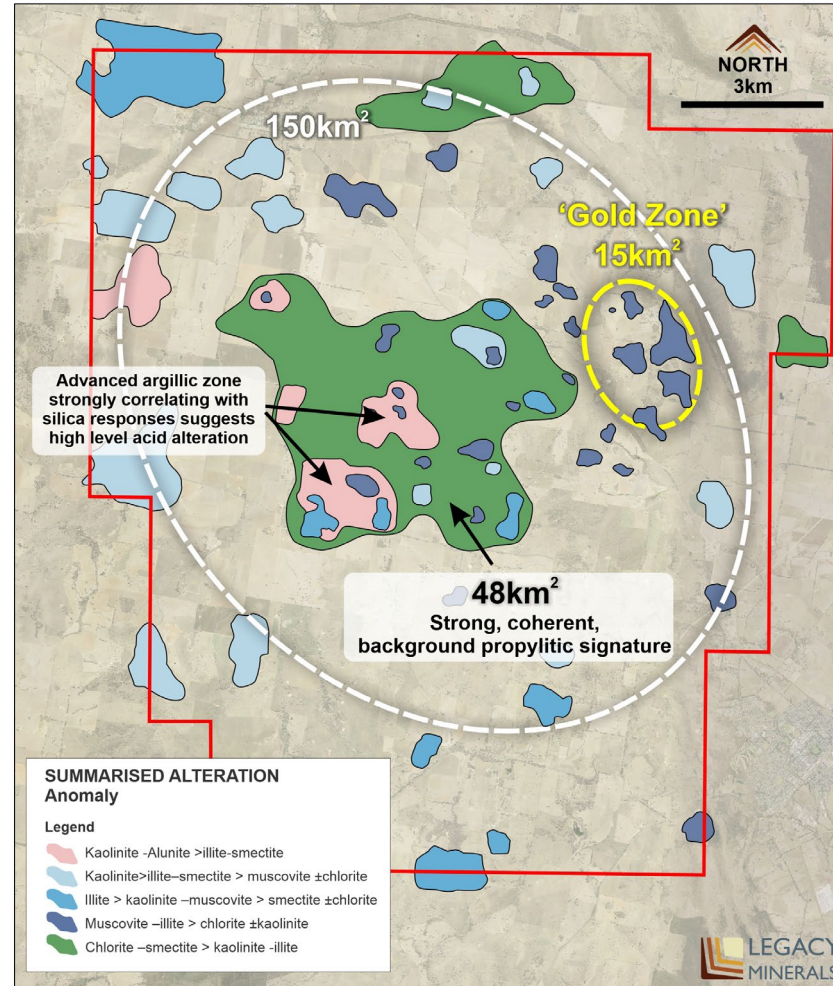
Preserved Epithermal System

- Widespread recognition of sinter
- Strongly elevated in Hg, Sb, and As

Clear Development Pathway

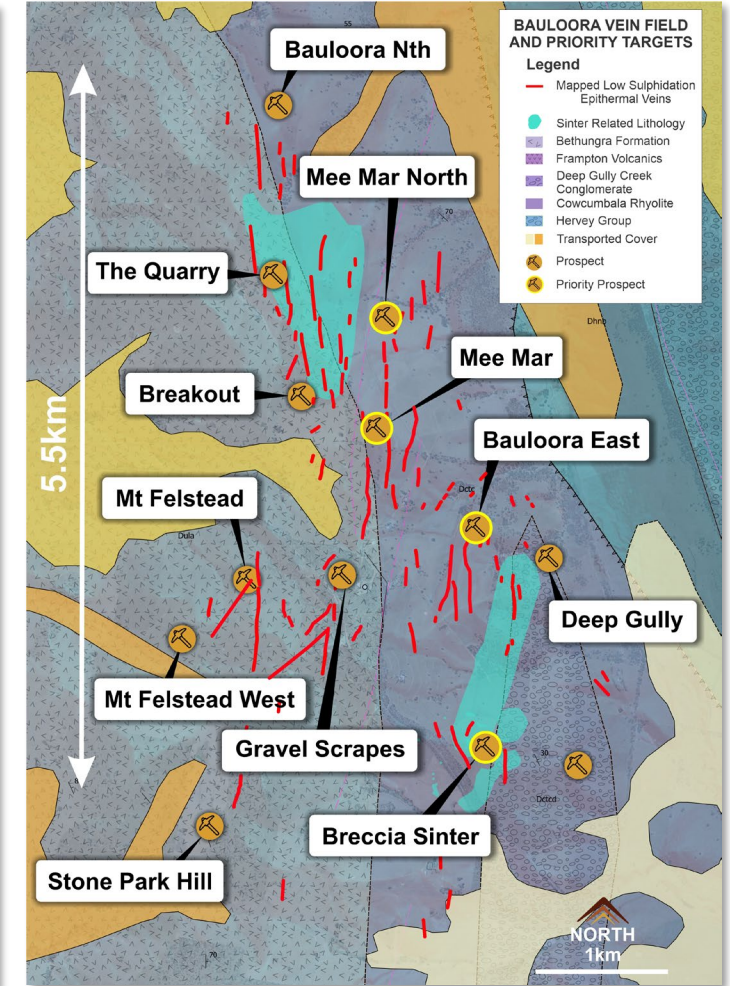
- Excellent metallurgical recoveries
- Close to infrastructure (power, rail, water)
- Cleared farmland with great land access

Bauloora Project



Bauloora tenure (red) with ASTER interpreted propylitic signature and anomalous spectral responses shown and currently defined 'gold zone'

Primary Vein Field



Current combined extent of low-sulphidation epithermal-style gold-silver mineralisation textured veins and sinter related lithology

Reasons to invest



Epithermal vein discovery -
assays pending



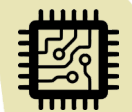
District scale gold discovery
opportunity – Bauloora



Depth of projects in a Tier 1
Province



Focused on delivering
shareholder value



Exploration forefront with
Artificial Intelligence

CONTACT

ASX:LGM

Chris Byrne

CEO and Managing Director

chris.byrne@legacyminerals.com.au

+61 (0) 499 527 547



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