



Mitre Mining Corporation

Mitre Mining Corporation ACN 645 578 454

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Location and Overview

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**Mitre Mining Corporation
Exploration Licence (EL)**

Located in the major mineral province of the eastern Lachlan Fold Belt near Batemans Bay on the NSW southern coast, in a resource development friendly jurisdiction with strong local support.

Comprising multiple Reduced Intrusion Related Gold System (RIRGS) and associated sheeted vein targets; Sn-W skarn targets, and pegmatites with potential to host lithium and rare earth elements.

The area contains numerous historical mines, such as Donkey Hill, Francis Creek, Moruya Gold Mine and Bimbimbie group of mines.

Investment Overview



Lachlan Fold Belt – hosts several multi-million ounce gold deposits and significant base metal deposits



Targeting **large scale** gold, base metal and lithium commodities



Australian based - a **world-class** mining investment locality



Close proximity to historical **high-grade** reef gold mines



Close to **infrastructure** and readily available processing mills



Tight capital structure with low Enterprise Value (EV)



Strong management team with track record of discoveries and project acquisitions

Project Overview

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- **Close proximity to Dargues Reef high grade gold mine** - ASX:AMI market cap ~\$400 million
- **Adjacent to the Moruya goldfield** with the surrounding area containing several historical mines including Candoin, Moruya silver mine and Bimbimbie group of mines
- **Large EL contains Nelligen & Buckenbowra Granodiorite targets** which have potential to host Reduced Intrusion Related Gold System (RIRGS) deposits and associated sheeted vein
- Strong, large scale radiometric signatures indicative of fractionated granodiorites

- Project contains **numerous multi-commodity exploration target zones**
- Lithium associated with NW, N-S and NNE- SSW trending pegmatite dykes
- **Pervasive structural controls, chemically fractionated, I-type intrusives and presence of pegmatite dykes** in the SE part of the Tenement
- These pegmatite swarms need to be followed up as **potential source for lithium, caesium, tantalum (LCT) and other rare earth elements (REE)**

Dargues Reef Gold Mine – ASX: AMI Market Cap ~\$475 million
Ore Reserve (Proved & Probable) of 770 Kt @ 5.0 g/t Au for 123 Koz
Mineral Resource Estimate of 2.1 Mt @ 5.1 g/t Au for 472 Koz
Aurelia Metals ASX Release, 23 July 2021 – 2021 Group Mineral Resource and Ore Reserve Statement

Scottsman Gully Gold Mine

Araluen Valley Gold Mine
Historical high-grade reef mining

Black Flat Gold Mine

Mitre Mining Corporation
Exploration Licence (ELA6160)

Bimbimbie Group of Gold Mines
Historical reef mining

Donkey Hill Gold Mine
Historical high-grade reef mining
Known extensions to high-grade vein system and potential for large scale Reduced Intrusion Related Gold System (RIRGS)

10 km

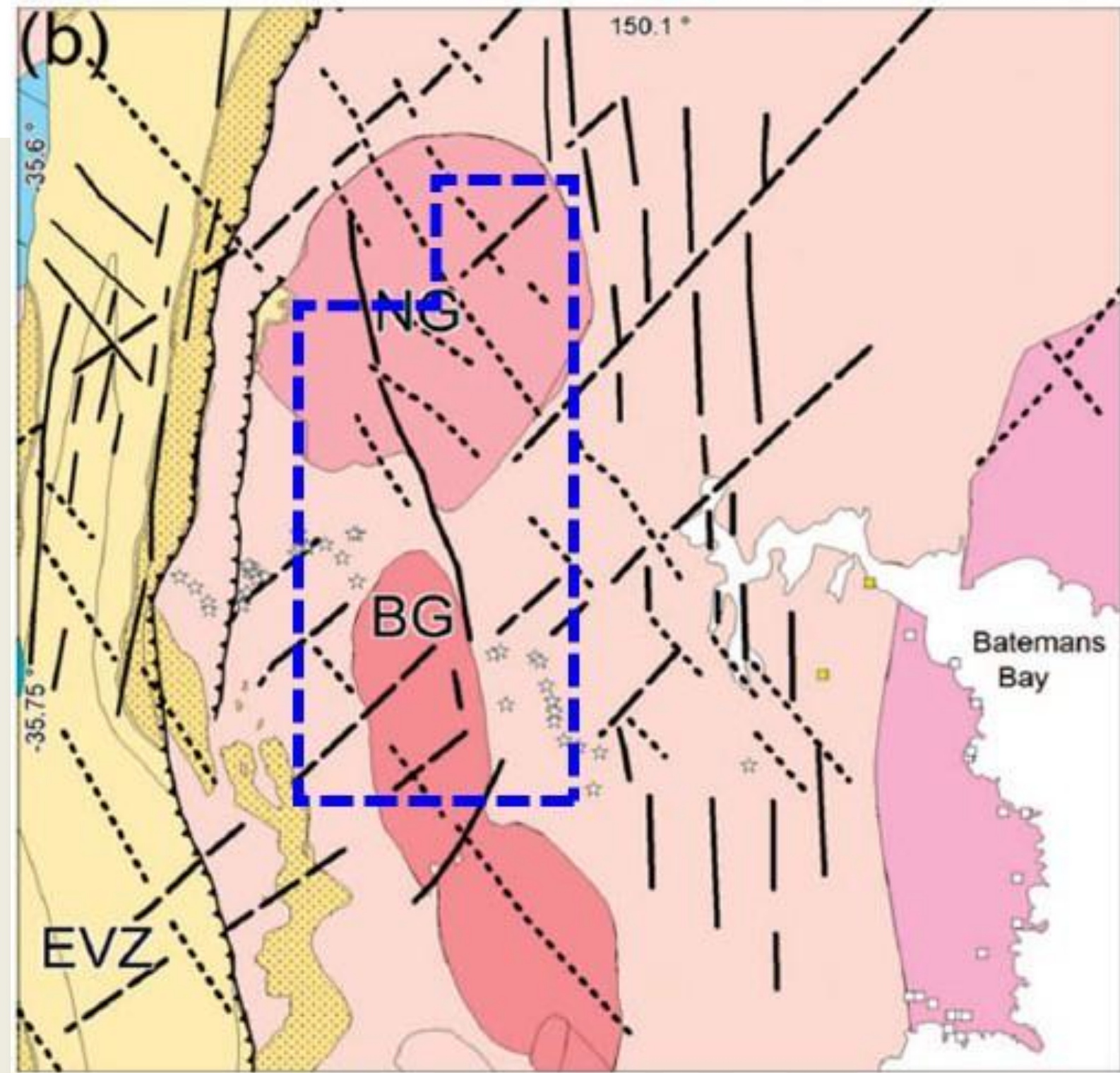
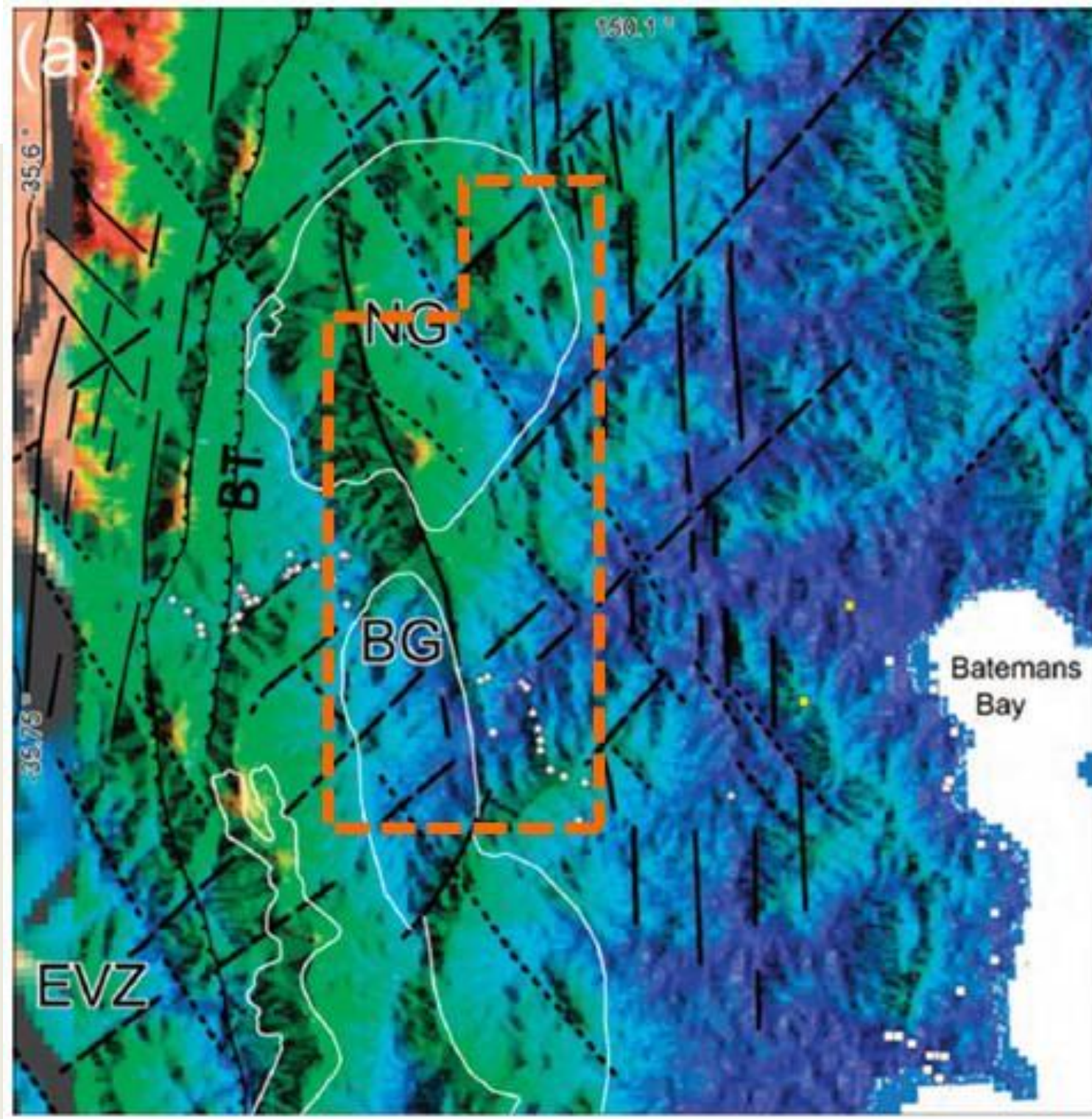
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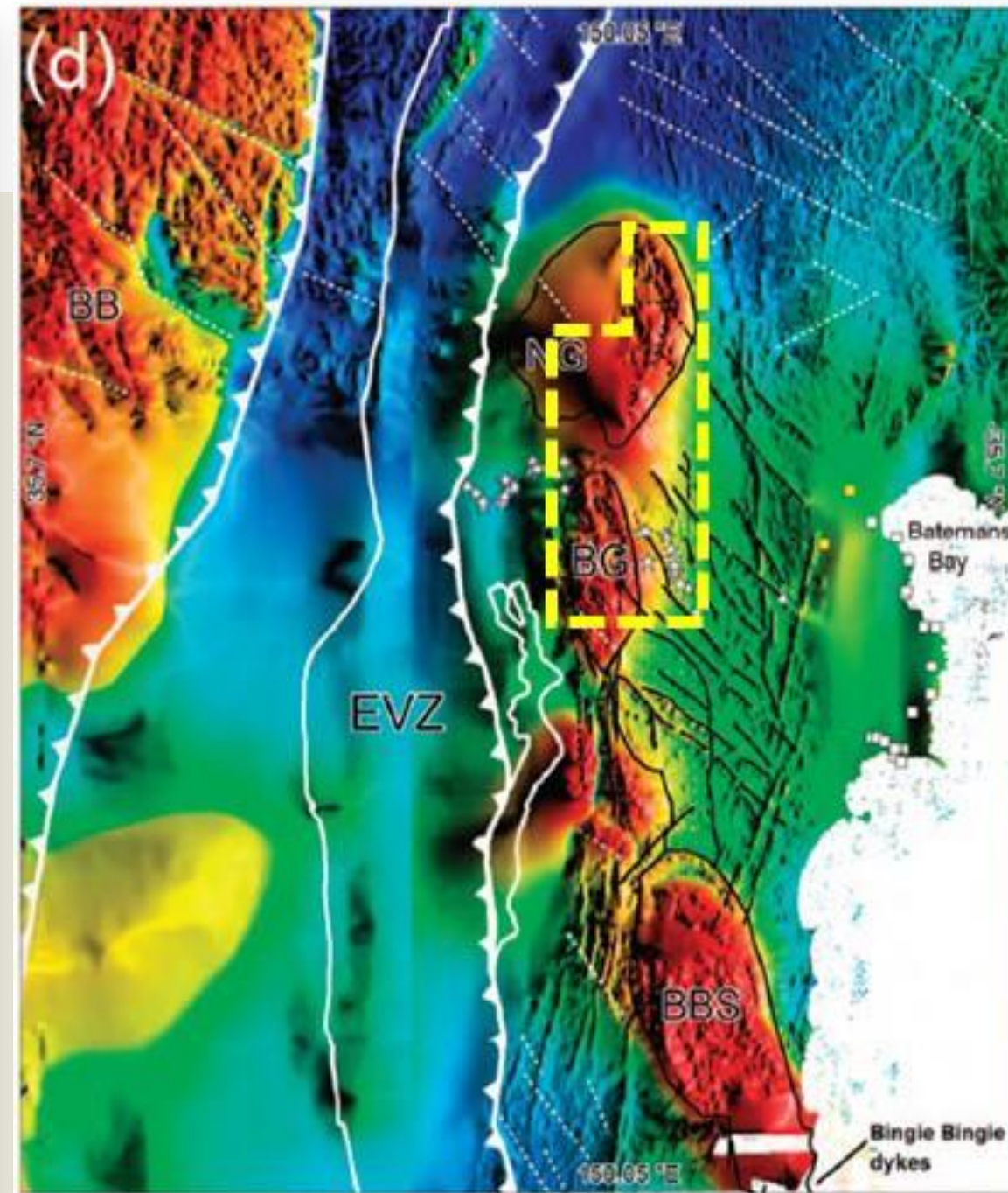
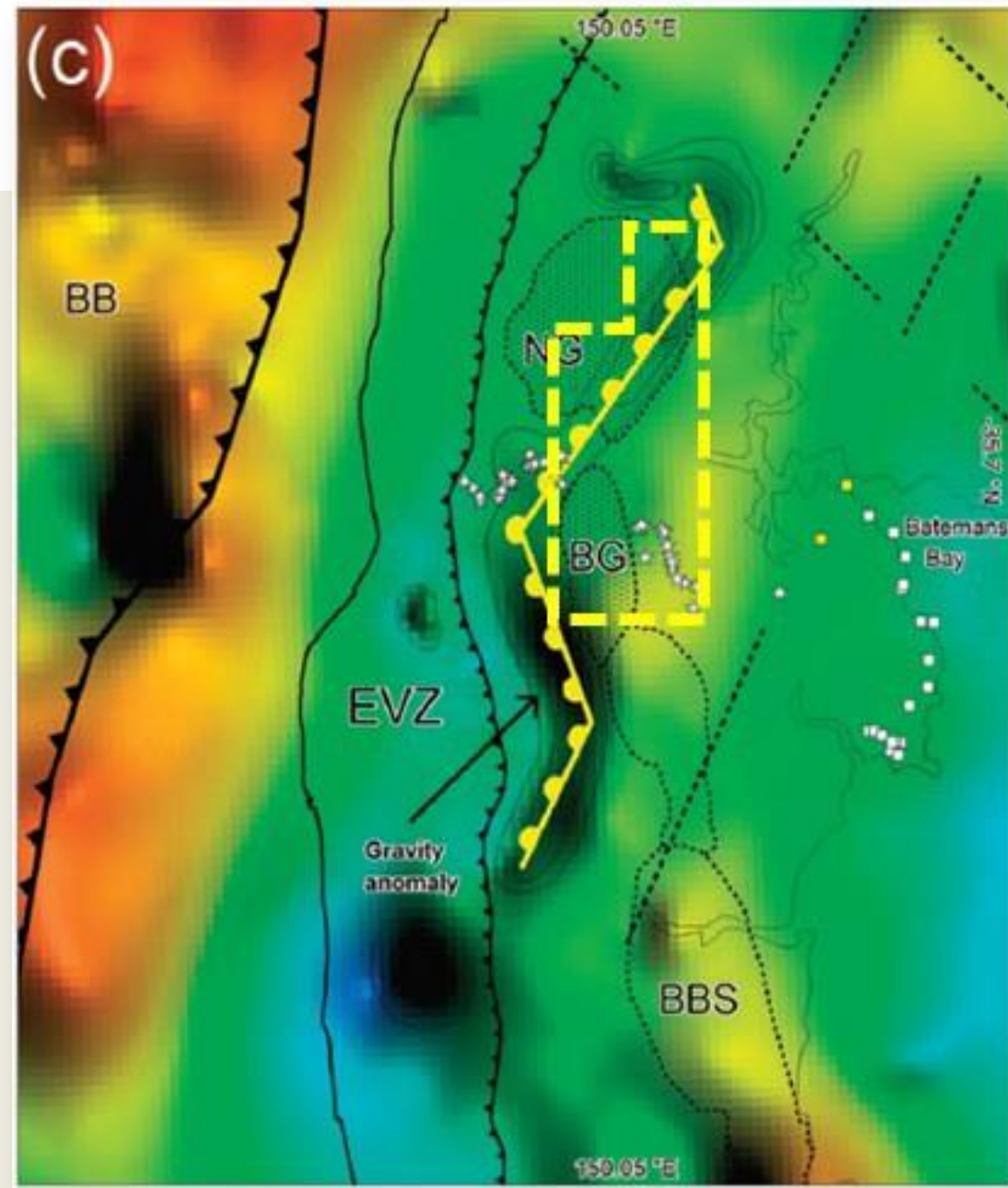
Geology & Mineralisation

- **Adjacent to the Moruya Goldfield**, close proximity (**less than 40km**) to **Dargues Reef Gold Mine** and the Bimbimbie group of mines in the eastern Lachlan Fold Belt
- Ordovician sediments overlain by Late Devonian volcanics and intruded by Nelligen and Buckenbowra Granodiorites – **ideal depositional condition**
- Fractionated granodiorites have **potential to host large-scale Reduced Intrusion Related Gold Systems** (e.g. Fort Knox, Dublin Gulch)

- **Major tensional zones** (faults/fractures) provide ideal environment for **base metal mineralization**
- **Pervasive structural controls, chemically fractionated, I-type intrusives and presence of pegmatite dykes** in the SE part of the Tenement
- Pegmatite swarms have **potential for LCT and REE's**
- **Potential for Sn-W skarns** proximal to with fractionated, granitoid plutons



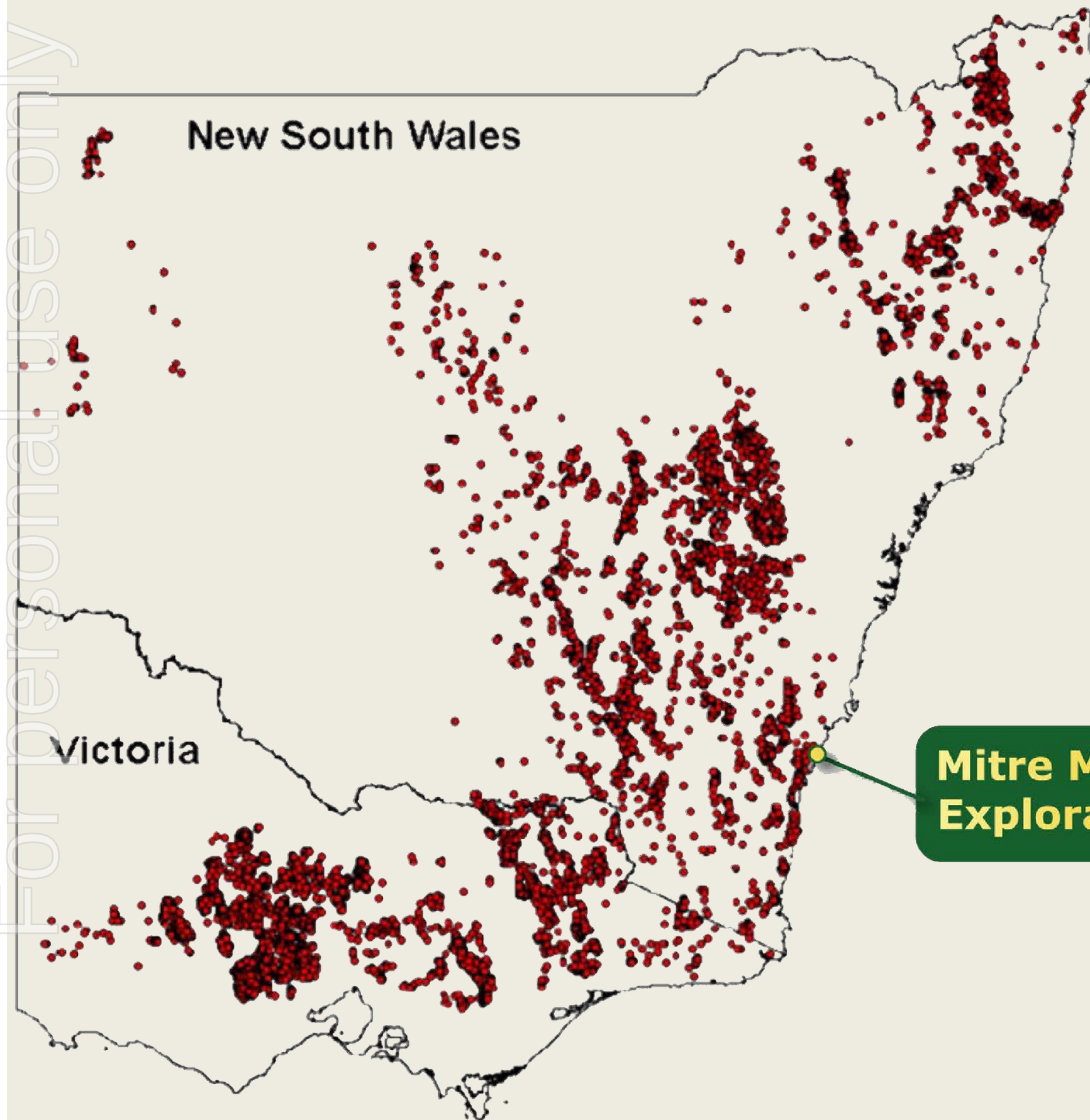
Structural interpretation draped over (a) DEM image and (b) regional geology showing NNW–ESE and N–S-trending lineaments/faults. Strong mineralising structures



(c) Tectonic elements shown on isostatic gravity image showing deep crustal scale lineaments sub-parallel to the boundaries of the Nelligen (NG) and Buckenbowra Granodiorites (BG).

(d) Tectonic elements shown on magnetic image with linear anomalies representing NW, N-S and NNE-SSW-trending dykes. Strong regional mineralising structures

"Golden Network" Address



The 22,240 Gold deposits in South-eastern Australia (including the Lachlan Fold Belt) - termed the "Golden Network" - preferred location for significant gold deposits

Diagram and terminology from, "The Spatial and Temporal Distribution of the Metal Mineralisation in Eastern Australia and the Relationship of the Observed Patterns To Giant Ore Deposits" - Larry J. Robinson, PhD Thesis, May 2007.

**Mitre Mining Corporation
Exploration Licence Area**

Lachlan Fold Belt Deposits

Location of Mitre Mining Corporation
Exploration Licence area in relation to some
major deposits in the Lachlan Fold Belt

**Mitre Mining Corporation
Exploration Licence Area**

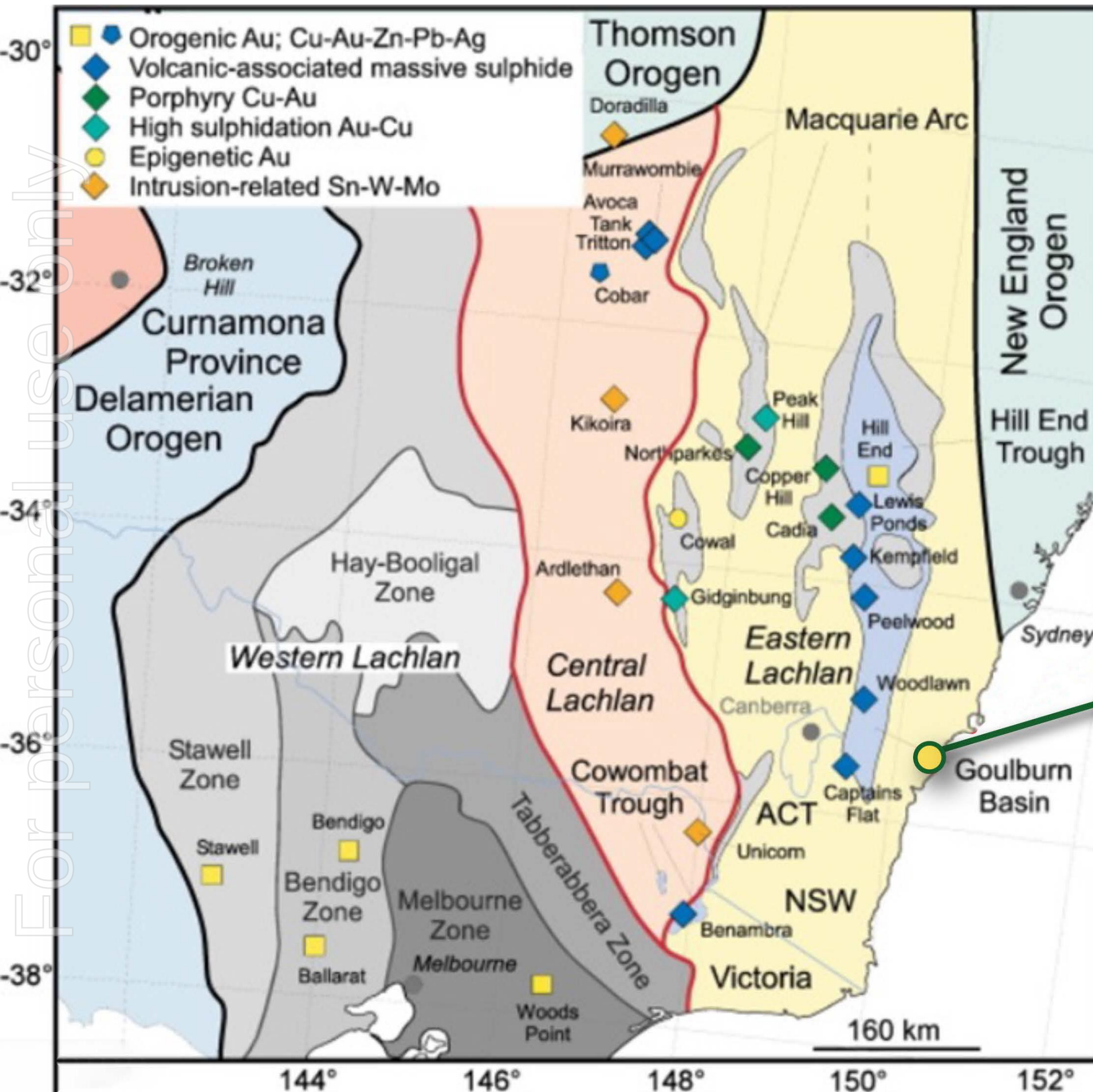


Diagram from, "Metallogensis and geodynamics of the Lachlan Orogen: New (and old) insights from spatial and temporal variations in lead isotopes." Authors David L. Huston, David C. Champion, Terrence P. Mernagh, Peter M. Downes, Phil Jones, Graham Carr, David Forster, Vladimir David. Ore Geology Reviews, Volume 76, July 2016, Pages 257-267

Next Steps



Geochemical Surveying

Major roll-out of pXRF, soil and rock chip sampling on a gridded pattern across key areas within the tenement

Geological Mapping

Systematic mapping over key target zones supported by whole rock geochemistry

Geophysics

Further field assessment and close spaced gravity, magnetics and radiometrics

Drilling Program

Systematic program of reverse circulation and diamond drilling to test anomalies/targets from extensive geochemical survey

Review

(Pre- and post-drilling)
Extensive review of all technical data to fully inform next program of work around key target areas within the tenement

Ongoing work

Use review findings to develop follow up programs which may comprise:

- Additional detailed geophysical surveys
- In-fill geochemical surveys using pXRF +/- full suite lab analysis
- Follow up drilling with a focus on diamond drilling over key targets to provide core for ongoing studies

Management Team

Clinton Carey - Managing Director

Mr Carey has 20+ years as a manager and director in a range of listed companies in the resources, Oil & Gas and technology sectors. Mr. Carey has extensive experience in the resource sector providing management, capital raising and corporate advisory services to a range of listed mining and energy companies. He has worked for mining and energy companies in Russia, Brazil, Australia and England.

Patrick Gowans – Non-Executive Director

Patrick Gowans is a partner of QR Lawyers, a Melbourne law firm. Patrick has over 10 years experience in corporate and commercial law with a focus on equity capital markets, ASX compliance and corporate governance which includes advising a number of ASX listed mining exploration entities.

Adrien Wing – Non-Executive Director

Mr Wing is a Certified Practicing Accountant. He practiced in the audit and corporate advisory divisions of a chartered accounting firm before working with a number of public companies listed on the Australian Securities Exchange as a corporate/accounting consultant and company secretary.

Highlights



Major exploration potential for large tonnage Reduced Intrusion Related Gold System (RIRGS) deposits



Large scale pegmatite swarms potential source for lithium, and rare earth elements (REE).



Exploration potential for high-grade, lode vein deposits



Close proximity to existing major mines and exploration ground



Strong management team with extensive industry experience



Access to infrastructure and amenities at all sites



Strategically located in major mineral province with known gold base metal endowment



Australian based - a world-class mining investment locality



For more information contact:

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