



# High-Grade Silver, Gold & Base Metal Projects

**On-Going High Impact Exploration  
Success in a Tier 1 Jurisdiction**

Investor Presentation  
April 2024

ASX:LDR



# Disclaimer

## Competent Person's Statement

The material in this presentation contains certain technical information, including regarding possible or assumed future performance or potential growth of mineral deposits. Such information is not a guarantee of future performance and involve unknown risks and uncertainties, as well as other factors, many of which are beyond the control of Lode Resources Limited ('Lode'). Actual results and developments may differ materially from those expressed or implied by these forward-looking statements depending on a variety of factors. No representation or warranty, expressed or implied, is made or given by or on behalf of Lode, any of Lode's directors, or any other person as to the accuracy or completeness or fairness of the information or opinions contained in this presentation and no responsibility or liability is accepted by any of them for such information or opinions or for any errors, omissions, misstatements, negligent or otherwise, or for any communication written or otherwise, contained or referred to in this presentation. Accordingly, neither Lode nor any of the Lode directors, officers, employees, advisers, associated persons or subsidiary undertakings shall be liable for any direct, indirect or consequential loss or damage suffered by any person as a result of relying upon the statement or as a result of any admission in, or any document supplied with, this presentation or by any future communications in connection with such documents and any such liabilities are expressly disclaimed. Nothing in this material should be construed as either an offer to sell or a solicitation of an offer to buy or sell securities.

## Competent Person's Statement

The information in this Report that relates to Exploration Results and Conceptual Exploration Targets is based on information compiled by Mr Mitchell Tarrant, who is a Member of the Australian Institute of Geoscientists. Mr Tarrant, who is the Project Manager for Lode Resources, has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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 Tarrant has a beneficial interest as option holder of Lode Resources Ltd and consents to the inclusion in this Report of the matters based on the information in the form and context in which it appears.

## Silver Equivalent Grades Used for Webbs Consol Silver Project<sup>1</sup>

Since the commencement of drilling at Webbs Consol Silver Project it was deemed that silver was the appropriate metal for equivalent calculations as silver is the most common metal to all mineralisation zones. This is still the case however zinc is becoming increasing dominant with depth and therefore LDR has decided to calculate both silver and zinc equivalent grades to demonstrate overall grades. Webbs Consol silver and zinc equivalent grades are based on assumptions:  $AgEq(g/t) = Ag(g/t) + 32.3 * Zn(\%) + 27.5 * Pb(\%) + 107 * Cu(\%) + 87.1 * Au(g/t)$  &  $ZnEq(g/t) = 0.031 * Ag(g/t) + Zn(\%) + 0.850 * Pb(\%) + 0.2.694 * Cu(\%) + 2.57 * Au(g/t)$  calculated from 12 February 2024 (previously 29 August 2022) spot metal prices of US\$22.7/oz silver, US\$2325/t zinc, US\$2060/t lead, US\$8100/t copper, US\$2020/oz gold and metallurgical recoveries of 97.3% silver, 98.7%, zinc, 94.7% lead, 76.3% copper and 90.8% gold which is the 4th stage rougher cumulative recoveries in test work commissioned by Lode and reported in LDR announcement 14 December 2021 titled "High Metal Recoveries in Preliminary Flotation Test work on Webbs Consol Mineralisation". It is Lode's opinion that all the elements included in the metal equivalents calculation have a reasonable potential to be recovered and sold.

## Most recent reference documents used in this presentation

LDR announcement 31 May 2022 titled "High grade silver-lead-zinc drill results"  
LDR announcement 2 June 2022 titled "Drilling Intersects 26.5m of Lead-Zinc-Silver Mineralisation"  
LDR announcement 21 June 2022 titled "Over 1,000g/t Silver Eq Intercepted at Tangoa West"  
LDR announcement 23 June 2022 titled "Another Thick (31.0m) Intercept of Sulphide Mineralisation"  
LDR announcement 7 July 2022 titled "Further Mineralised Lodes Discovered at Webbs Consol"  
LDR announcement 18 July 2022 titled "Most Significant Drill Intercepts to Date at the Webbs Consol"  
LDR announcement 25 July 2022 titled "Mineralisation Extended to 150m Depth at Webbs Consol"  
LDR announcement 17 August 2022 titled "Completion of Placement"  
LDR announcement 18 August 2022 titled "Phase II Drilling to Commence at Webbs Consol"  
LDR announcement 21 September 2022 titled "Phase II Drilling Commences at Webbs Consol"  
LDR announcement 4 October 2022 titled "Webbs Consol Silver Project area expanded four-fold"  
LDR announcement 11 October 2022 titled "Phase II Drilling Intersects 47m of Sulphide Mineralisation"  
LDR announcement 26 October 2022 titled "Sixth Sulphide Lode Discovered at Silver Project"  
LDR announcement 8 November 2022 titled "1,899 g/t Silver Eq Intercepted at Copy Cat Lode Discovery"  
LDR announcement 17 January 2023 titled "54m High grade Silver Eq Intercept"  
LDR announcement 1 February 2023 titled "Outstanding High-Grade Drill Intercept"  
LDR announcement 27 February 2023 titled "Diamond Drilling Program Recommences at Webbs Consol"  
LDR announcement 18 May 2023 titled "High-Grade Drill Intercepts at Webbs Consol"  
LDR announcement 13 June 2023 titled "High-Grade Mineralisation Extended to 280m Vertical Depth"  
LDR announcement 6 July 2023 titled "New Targets Defined at Webbs Consol Silver Project "  
LDR announcement 18 July 2023 titled "CSIRO Collaboration Study"  
LDR announcement 10 August 2023 titled "Webbs Consol Silver Project Exploration Update"  
LDR announcement 9 October 2023 titled "High-Grade Drill Intercepts At Webbs Consol Silver Project"  
LDR announcement 16 October 2023 titled "Significant Drill Target Defined at WC Silver Project"  
LDR announcement 22 November 2023 titled "Drilling Commences On Large Surface Silver Anomaly"  
LDR announcement 19 February 2024 titled "Drilling at Webbs Consol North Delivers Solid Silver-Zinc Intercepts"  
LDR announcement 12 March 2024 titled "Significant Auger Drill Program Completed At Uralla Gold Project"  
LDR announcement 9 April 2024 titled "CSIRO Research Enhances Upside at Webbs Consol Silver Project"

## No Material Changes

The Company confirms it is not aware of any new information or data that materially affects the information included in this presentation and that all material assumptions and technical parameters underpinning the exploration activities in this market announcements continue to apply and have not materially changed.



# Overview

- ✔ Lode Resources listed 2 July 2021 on ASX (ASX Code: LDR)
- ✔ Focus on the New England Fold Belt
- ✔ Fully Funded for upcoming programs
- ✔ 100% ownership of 6 Silver, Base Metal & Gold projects
- ✔ Webbs Consol Silver, flagship project #1 - multiple high-grade silver-zinc intercepts  
Best intercepts: **116.3m @ 721 g/t AgEq or 22.33% ZnEq (WCS045)**  
**221.2m @ 392 g/t AgEq or 12.13% ZnEq (WCS052)**
- ✔ Uralla Gold, flagship project #2 – multiple high-grade gold intercepts  
Best intercepts: **14.0m @ 4.82 g/t Au within 26.0m @ 2.80 g/t Au (SGRDD002)**  
**7.0m @ 7.47 g/t Au within 18.0m @ 3.51 g/t Au (SGRDD004)**
- ✔ Board and Management are highly experienced in exploration and equity markets

# Directors & Management

## Andrew Van Heyst

Executive Chairman

With more than 30 years' experience in Institutional Equities and Advisory. Andrew has worked at Merrill Lynch in New York as Head of Australian Sales and for ABN AMRO as Head of Australian Sales and Head of Americas Client Account Management for Global Equity product.

In 2005 Andrew moved back to Australia joining Shaw and Partners as a Corporate Advisor focussing on Small Cap resources and was recently Executive Director at Bridge Street Capital Partners.

## Ted Leschke

Managing Director

Ted has more than 30 years' experience in the resources industry including MD of ASX listed companies that have been advance from start-up to project development and stock market listing.

Covering areas such as project identification, acquisition and generation, geological mapping, exploration drilling, local community and government liaison, financial management, strategy, fund raisings, ASX listing and statutory reporting.

Previously he worked as a resources analyst in stockbroking and funds management as well as a geologist in the mining industry.

## Keith Mayes

Non-Exec Director

Keith has over 30 years' experience in the resources sector in exploration, business development, operational and financial roles with major mining companies including North Ltd, Newmont, Rio Tinto and Oxiana in Australia, Europe, Middle East and Africa.

Keith was formerly GM of RDG subsidiary Australian Garnet and formerly COO at ASX listed KGL Resources that is undertaking exploration and development of the large Jervis copper/silver/gold project in central Australia and COO at Altura Mining Ltd where he discovered the world class Pilgangoora lithium deposit.

## Jason Beckton

Non-Exec Director

With more than years of geological corporate experience in Australia, Europe, the Americas and Asia. Jason was Project Manager for Bolnisi Gold NL's Palmarejo silver/gold project in Mexico where he managed a program defining 3.1moz AuEq.

He also managed the discovery of Exeter Resource Corp's 30 moz AuEq Caspiche Porphyry prospect in the Maricunga Gold Copper Belt of Chile.

Previously MD of ASX listed Chinalco Yunnan Copper Resources exploring the Mt Isa, Lao and Chilean copper districts. Holds BSc (Hons) Melbourne and a Masters of Economic Geology from the University of Tasmania. Currently Managing Director of Prospech Ltd (ASX:PRS) and a Corporate Advisor to Baker Young Stockbrokers Ltd.

## Mitchell Tarrant

Project Manager

Mitchel has more than 15 years' experience in the resources sector working as a geologist in both exploration and mining roles with companies including Red River Resources, Hillgrove Mines and Crocodile Gold.

His most recent roll was at the Hillgrove Mine where he was the holder of the statutory Mining Engineering Manager Certificate in recent years.

Mitchell also managed Hillgrove's 51 tenement and conducted all exploration from geological mapping to managing drilling campaigns. Mitchell is a member of the Australasian Institute of Mining and Metallurgy (AusIMM).

# Corporate Snapshot

## Share Price Price (A\$/sh)



## Corporate Structure



|   |                |
|---|----------------|
| Share Price (12/4/24)                                       | <b>A\$0.11</b> |
| Cash (Dec Qtr 2023)   | <b>\$3.2m</b>  |
| Shares on Issue   | <b>106.8m</b>  |
| Market Capitalisation (at \$0.11/share)                     | <b>\$11.8m</b> |
| Listed Options (\$0.24 strike price expiring August 24)     | <b>13.3m</b>   |
| Unlisted Options (\$0.24 strike price expiring December 24) | <b>1.4m</b>    |
| Unlisted Options (\$0.40 strike price expiring February 25) | <b>2.5m</b>    |
| Unlisted Options (\$0.24 strike price expiring December 25) | <b>1.0m</b>    |

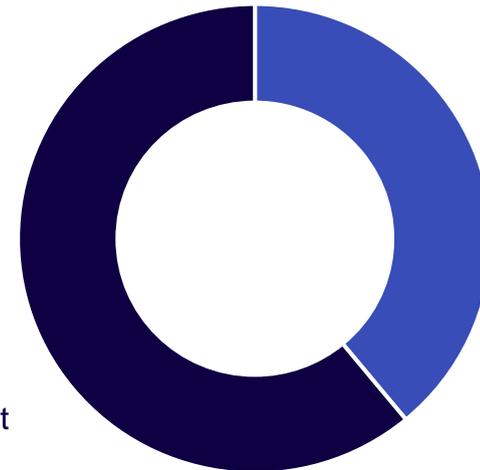
## Major Shareholders



|                                 |              |
|---------------------------------|--------------|
| ANDREW VAN HEYST                | <b>17.2%</b> |
| TED LESCHKE                     | <b>16.8%</b> |
| <b>INSTITUTIONAL INVESTORS:</b> |              |
| TECHNICAL INVESTING             | <b>4.2%</b>  |



**65%**  
Free Float



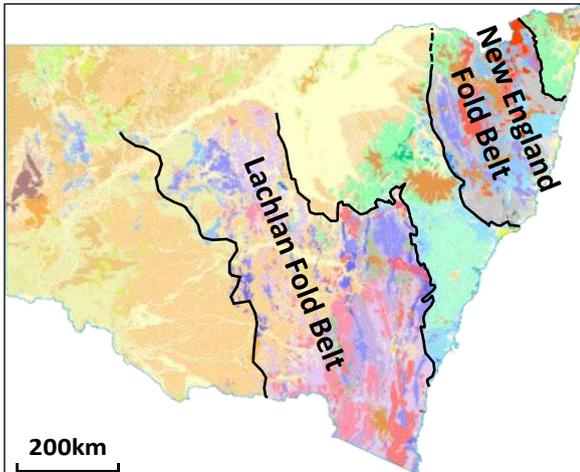
**35%**  
Directors & management

# New England Fold Belt – Highly Prospective but Very Under Explored

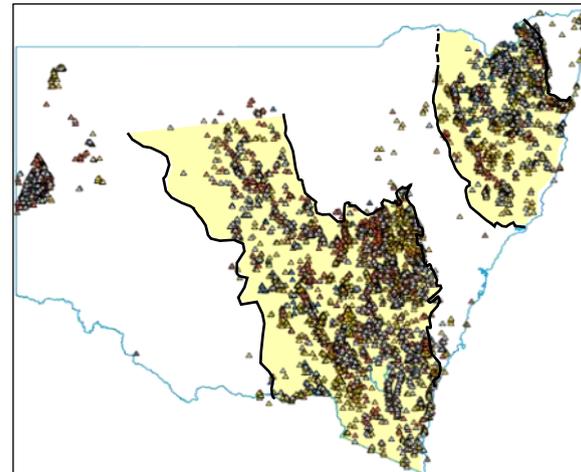
- ✔ New England Fold Belt (NEFB) most significant mining period was from 1850's up to WWI
- ✔ Estimated US\$7billion output at today's prices or up to 20% of the entire state's GDP for that period
- ✔ Mining company expenditure in 2021 was \$0.3b (mainly in coal) or 2.1% of \$14.6b for entire NSW
- ✔ Newmont Gold and FMG Resources now active in the area
- ✔ Current in situ resource value is estimated to be just 2% of the entire state due a lack of exploration
- ✔ New England FB has just 1 exploration hole for every 13 holes drilled in the Lachlan FB

|                       | Area (000's sqkm) | Holes Drilled | Metres Drilled (000's m) |
|-----------------------|-------------------|---------------|--------------------------|
| <b>New England FB</b> | 91.1              | 5,497         | 493.3                    |
| <b>Lachlan FB</b>     | 182.1             | 70,831        | 2,791.8                  |

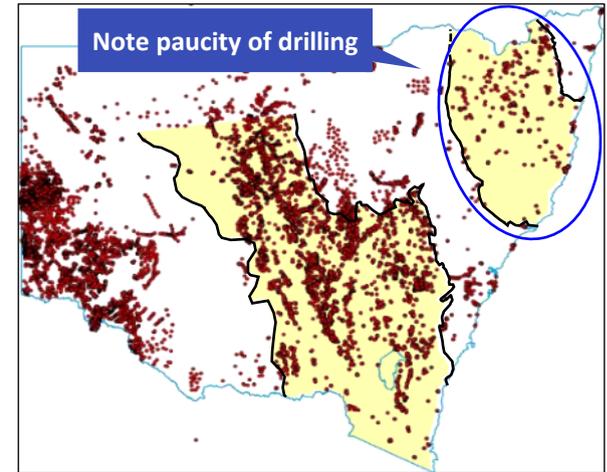
**New England & Lachlan Fold Belts (FB)**



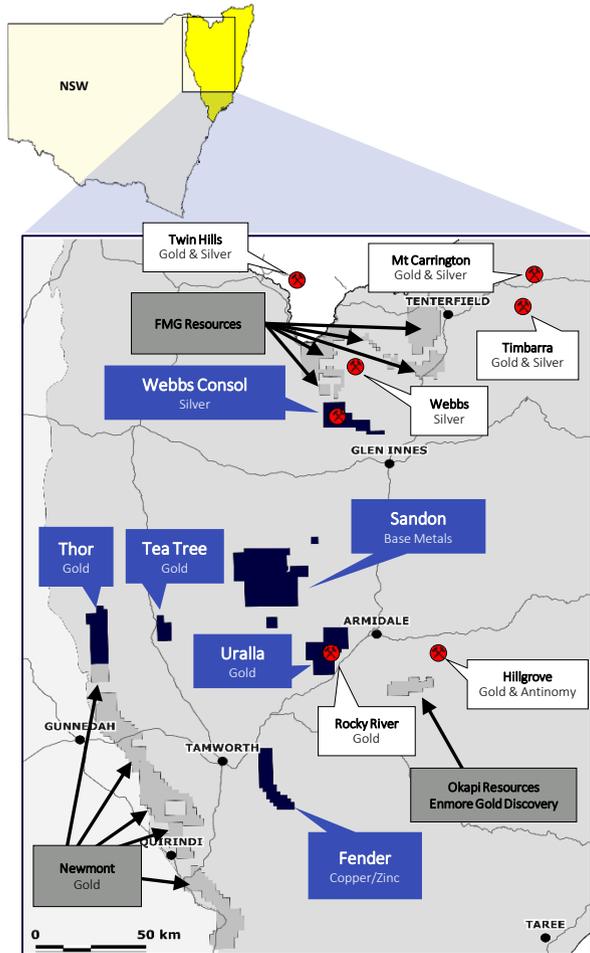
**New England & Lachlan FB Gold, Silver & Copper Occurrences**



**New England & Lachlan FB Drill Holes**



# Six Prospective Projects



| Project               | Licence | Commodity           | Units      | Area (km <sup>2</sup> ) | Status  |
|-----------------------|---------|---------------------|------------|-------------------------|---------|
| Webbs Consol          | EL8933  | Silver/Zinc/Lead    | 16         | 48                      | Granted |
| Webbs Consol Expanded | EL9454  | Silver/Zinc/Lead    | 53         | 155                     | Granted |
| Uralla                | EL8980  | Gold                | 80         | 237                     | Granted |
| Uralla West           | EL9087  | Gold                | 22         | 65                      | Granted |
| Fender                | EL9003  | Copper/Zinc         | 76         | 223                     | Granted |
| Tea Tree              | EL9084  | Gold                | 24         | 71                      | Granted |
| Thor                  | EL9085  | Gold                | 78         | 231                     | Granted |
| Sandon                | ELA9319 | Cu, Pb, Zn, Ag & Sb | 273        | 758                     | Granted |
|                       |         |                     | <b>622</b> | <b>1,788</b>            |         |



1. **Webbs Consol Silver** – High grade Silver, Zinc, Lead bearing lodes – **Excellent high-grade drill results**
2. **Uralla Gold** – Intrusive Related Gold System (IRGS) constituting a significant gold field – **Solid early drill results**
3. **Trough Gully (Fender) Base Metals**– High grade Zn, Cu (Au) VMS style copper deposit – **Solid early drill results**
4. Thor – Large gold anomaly potentially associated with high level intrusions or major regional fault structures
5. Tea Tree – Underexplored goldfield
6. Sandon – Bundarra Copper Project and Abington Base Metal Project exploration targets

# Webbs Consol Silver Project – Silver & Base Metals



**Location:** 16km west-south-west of Emmaville.



**History:** Discovered in 1890, intermittent mining activity until mid-1950s.



**Host Geology:** Webbs Consol Leucogranite, intruded Late Permian Emmaville Volcanics and Early Permian sediments.



**Deposit Style:** High-grade Silver/Zinc/Lead lodes hosted in Webbs Consol Leucogranite.



**Processing:** Very high metallurgical recoveries in preliminary bulk conc flotation test

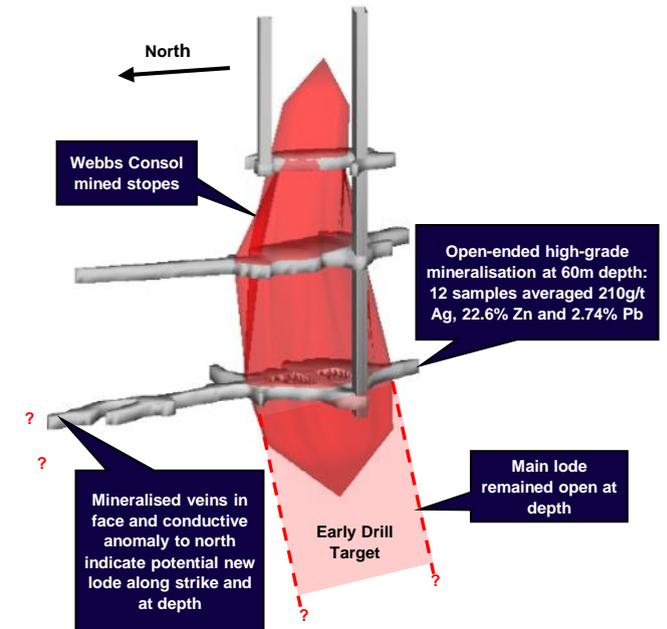


## LDR Exploration:

- Extensive geophysical surveys – Gravity, Drone Magnetics, Downhole EM (DHEM), LiDAR, Loupe TEM, CSIRO study
- Mapping and geochemical sampling
- Detailed lithological and structural interpretations
- Drilling achieving multiple thick high-grade Silver/Zinc/Lead intercepts
- Several Silver/Zinc/Lead lodes tested/delineated to date
- Currently drilling substantial geochemical anomaly defined at Webbs Consol North

## Webbs Consol Main Shaft

- An example of an obvious drill target not tested by previous explorers
- LDR achieved 27.5m @ 357 g/t AgEq from 104.6m in first drill hole



# Webbs Consol Silver Project – Silver & Base Metals



Webbs Consol Silver Project located within EL8933 - recently renewed for max. 6 years



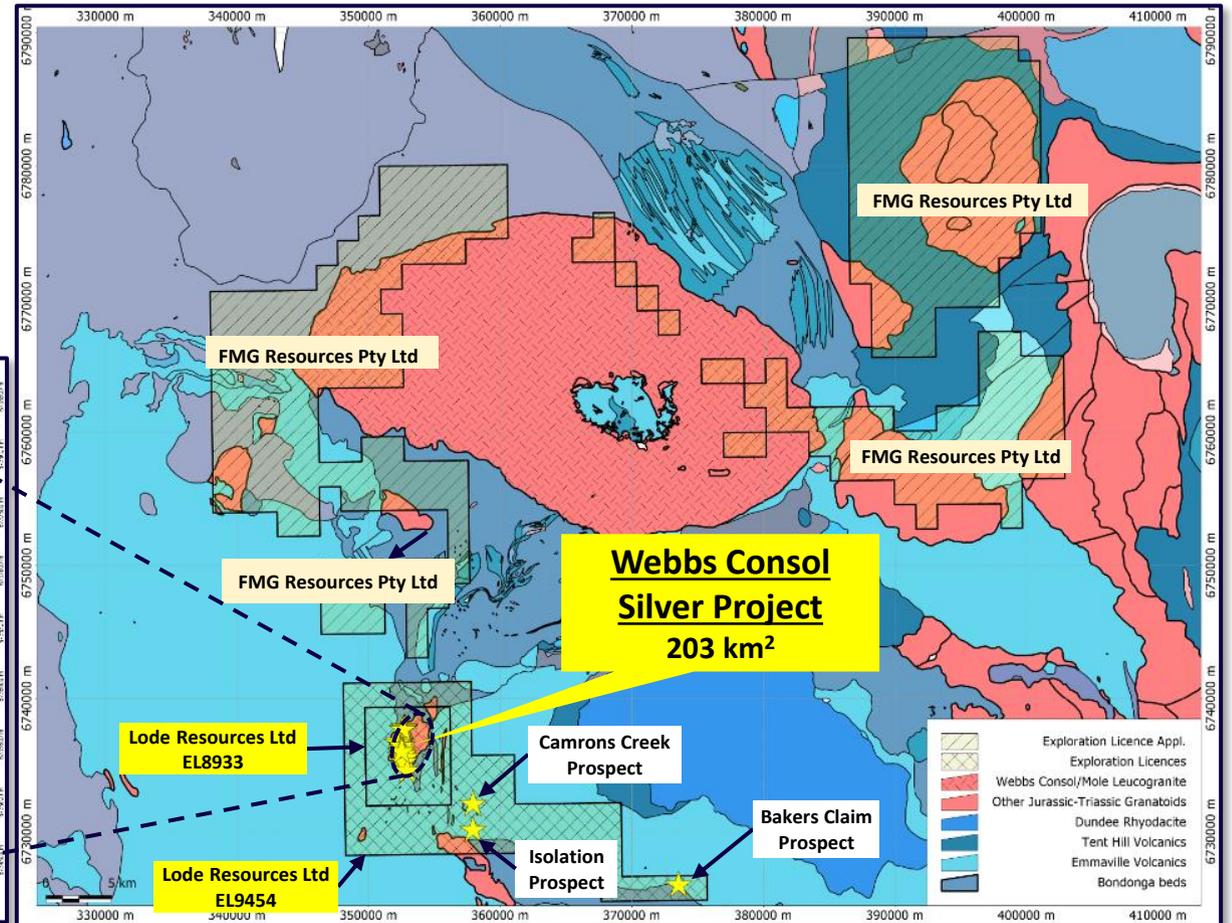
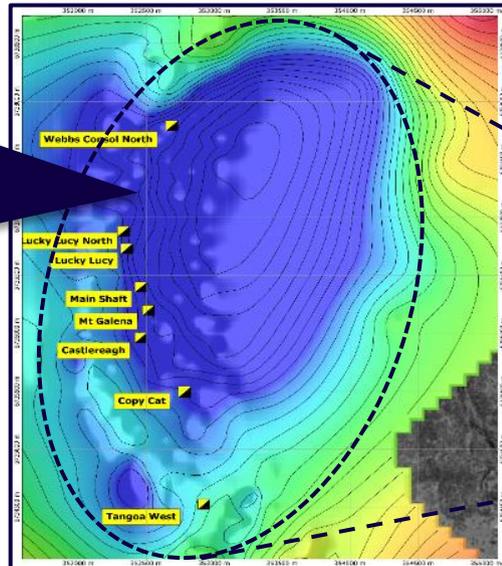
LDR controls 203 km<sup>2</sup> in the Emmaville area



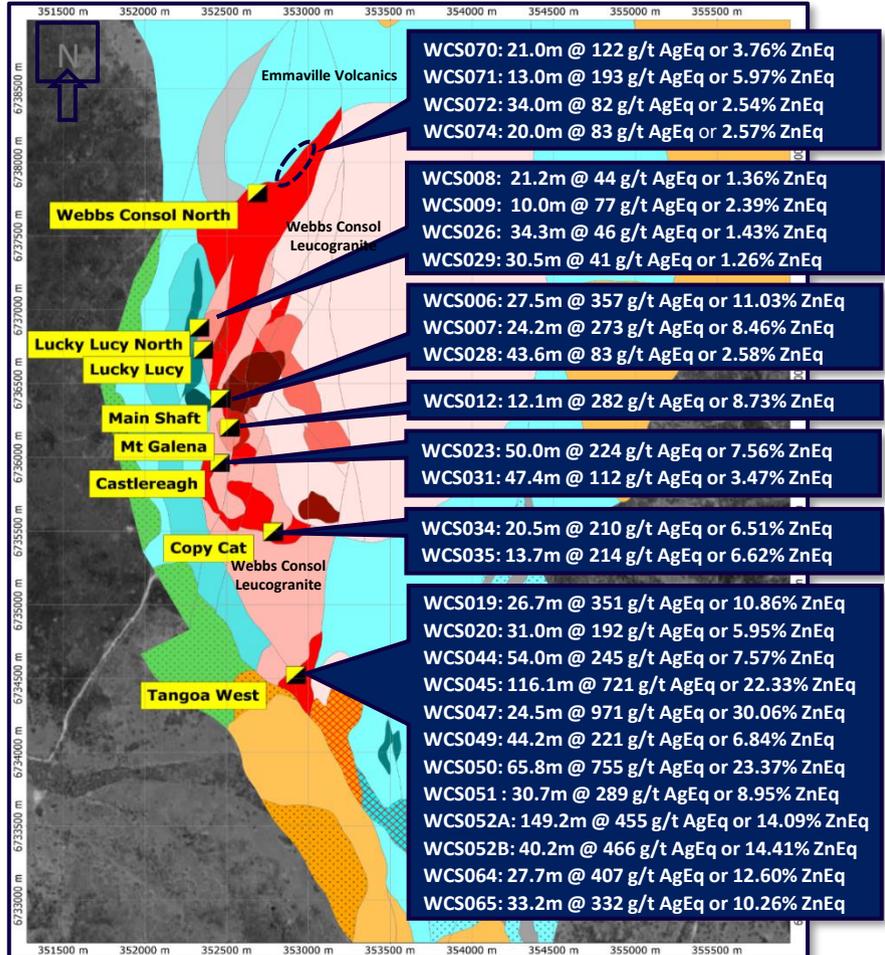
LDR controls 1,788 km<sup>2</sup> in the New England Fold Belt

## Webbs Consol Leucogranite

- A metalliferous engine room
- Reflected as a significant regional gravity low
- Entire unit is prospective for Tangoa West style mineralisation
- Only 3km of 12km long contact explored in detail to date

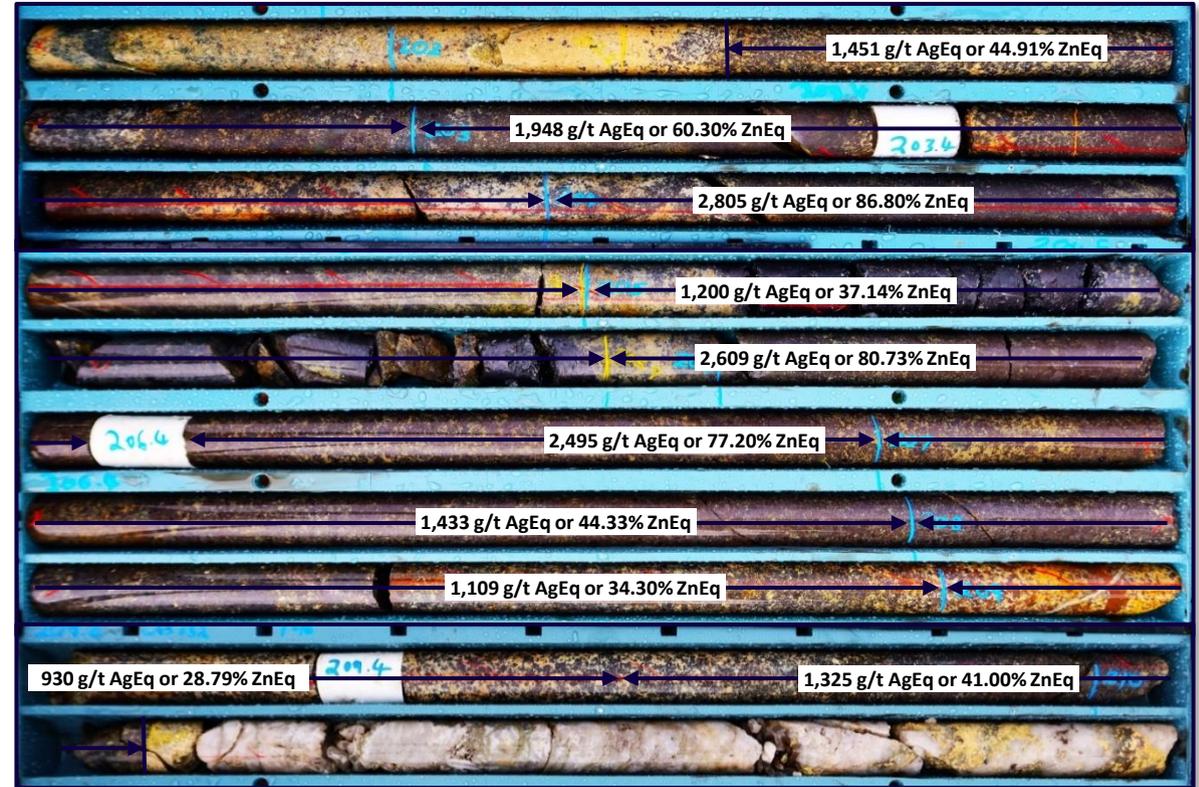


# Webbs Consol Silver Project – Multiple Lodes Discovered

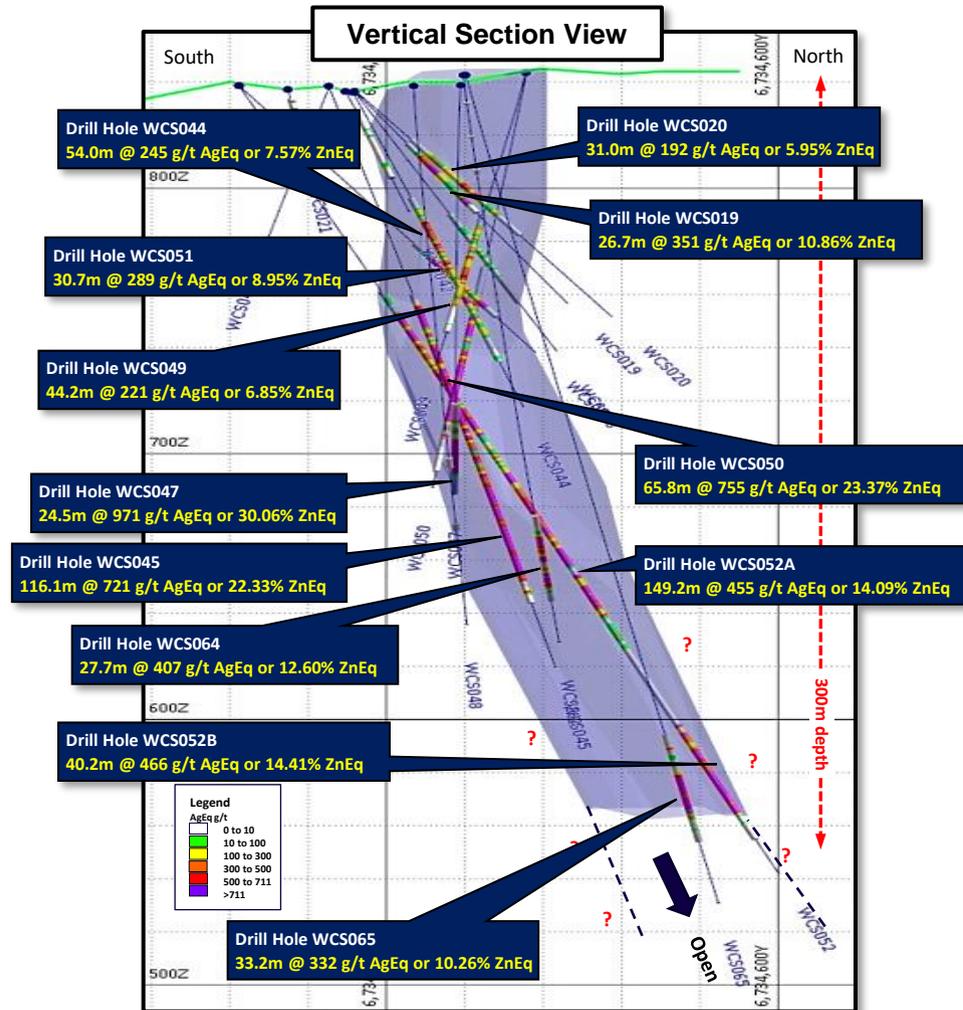


## Very high-grade drill core from Tangoa West

Drill hole WCS052A: **7.9m @ 1,716 g/t AgEq or 53.11% Zn** (from 202.2m)  
 within: **149.2m @ 455 g/t AgEq or 14.09% Zn** (from 98.0m)

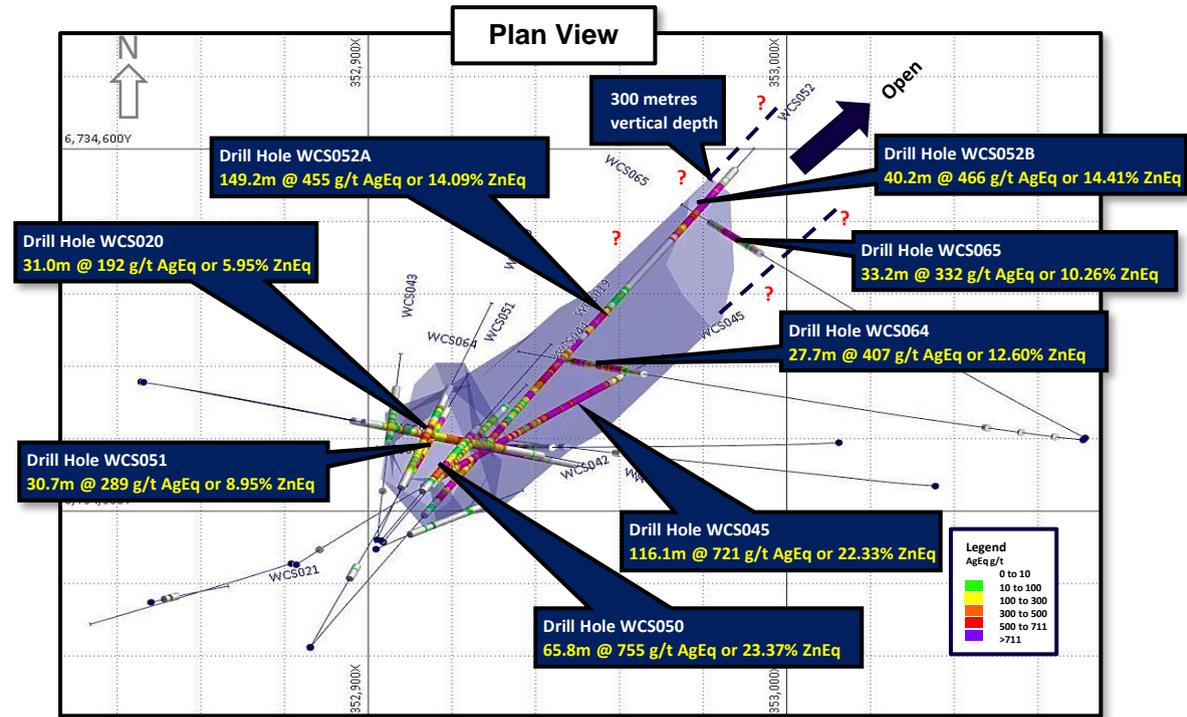


# Tangoa West – High-Grade Lode Remains Open At Depth and Along Strike



**High-grade core from Tangoa West**

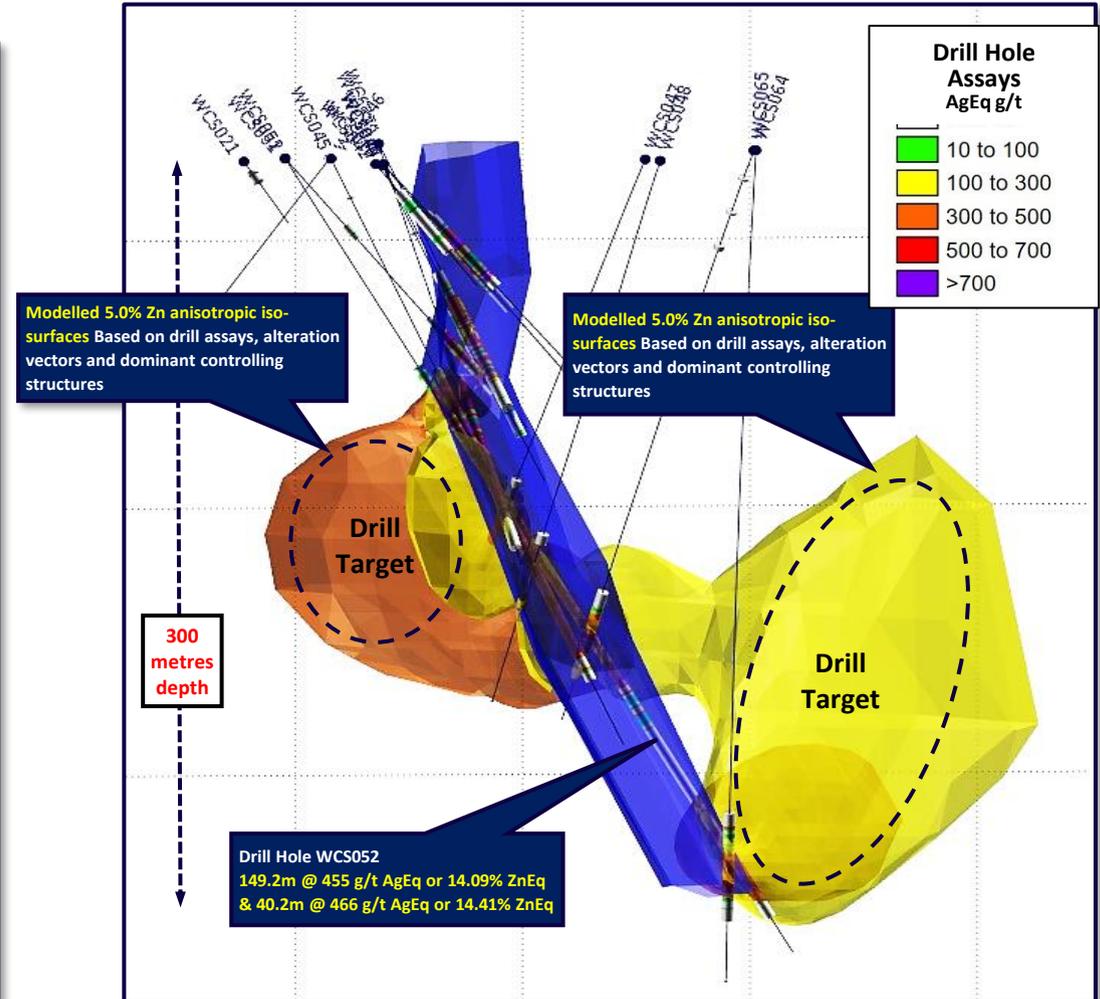
Drill hole WCS064: **0.7m @ 1,896 g/t AgEq or 58.68% ZnEq** (from 222.4m)  
within: **27.7m @ 407 g/t AgEq or 12.06% ZnEq** (from 203.3m)



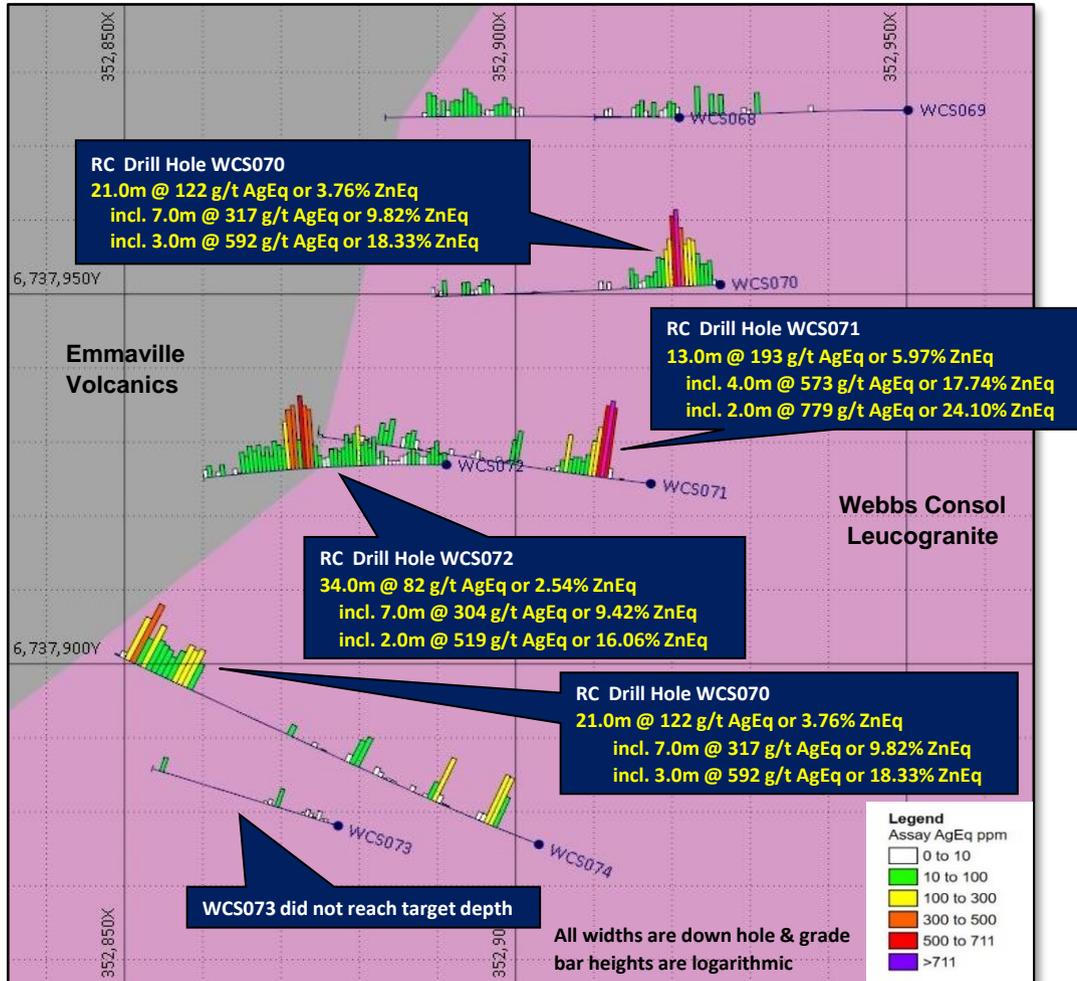
# Webbs Consol Silver Project – CSIRO Research Enhances Upside

**CSIRO research has enhanced upside at the Webbs Consol Silver project. Findings include:**

- Structural analysis of Tangoa West and other prospects has identified potential areas of lateral extensions to mineralisation. This has significant implications for scale and greatly assists drill target planning.
- Through 3D models and the use of innovative geochemical indicators, validated by thorough mineralogical and mineral-chemical analyses, CSIRO have successfully discerned distinct mineralisation styles and ore zones, thereby providing essential knowledge for improved mineral exploration at Webbs Consol.
- The relative depth of the differing styles of alteration appears constant at all prospects suggesting very limited rotation or block faulting and likely preservation of mineralisation around the entire perimeter of the Webbs Consol Leucogranite.
- A comprehensive understanding of mineral deposit genesis has been gained by integrating structural, geochemical, mineralogical, and mineral-chemical data. This enables the direct comparison with other similar deposits.
- The successful outcomes of this research underscores the significance of multi-scale and multi-technique characterisations to constrain deposit parameters essential for mineral exploration.



# Webbs Consol North – Planned Follow-Up Drilling



- Numerous prospects are still at the early exploration stage
- Webbs Consol North prospect target initially defined by geochemical sampling of soil and subcrop as well as Loupe TEM survey
- First pass shallow RC drilling delivers significant silver and zinc mineralisation in several drill holes.
- Similar to initial drill intercepts encountered at Tangoa West Lode where follow-up drilling produced spectacular intercepts down to 300m vertical depth
- Considerably larger area potentially representing multiple lodes or a larger mineralised body
- Webbs Consol North is a further addition to a portfolio of several mineralise lodes discovered to date over a strike length of 3.5km at the Webbs Consol Silver Project
- Follow-up drill programme currently being designed to infill drill spacing as well as test extensions at depth at Webbs Consol North and other lodes discovered to date

# Webbs Consol Silver Project – Drill Target Inventory

|                     | Drill Target Development            |            |           |              |          |                |                  |                     |          |          |          |          |          |
|---------------------|-------------------------------------|------------|-----------|--------------|----------|----------------|------------------|---------------------|----------|----------|----------|----------|----------|
|                     | Tangoa West                         | Main Shaft | Mt Galena | Castle-reagh | Copy Cat | Lucky Lucy Nth | New Gossan Found | Loupe #1 (WC North) | Loupe# 2 | Loupe# 3 | Loupe #4 | Loupe #5 | Loupe #6 |
| Resources Drilling  | ↑                                   |            |           |              |          |                |                  |                     |          |          |          |          |          |
| Definition Drilling | ↑                                   |            |           |              |          |                |                  |                     |          |          |          |          |          |
| Extension Drilling  | ✓ & ↑                               | ↑          | ↑         | ↑            | ↑        | ↑              |                  | ↑                   |          |          |          |          |          |
| Scout Drilling      | ✓                                   | ✓          | ✓         | ✓            | ✓        | ✓              | ↑                | ✓                   |          |          |          |          |          |
| Rock Geochemistry   | ✓                                   | ✓          | ✓         | ✓            | ✓        | ✓              | ✓                | ✓                   | ↑        | ↑        | ↑        | ↑        | ↑        |
| Soil/Regolith       | Outcropping Mineralisation/Workings |            |           |              |          |                |                  | ✓                   | ↑        | ↑        | ↑        | ↑        | ↑        |
| Geochemistry        |                                     |            |           |              |          |                |                  | ✓                   | ✓        | ✓        | ✓        | ✓        | ✓        |
| Geophysics - Loupe  |                                     |            |           |              |          |                |                  | ✓                   | ✓        | ✓        | ✓        | ✓        | ✓        |

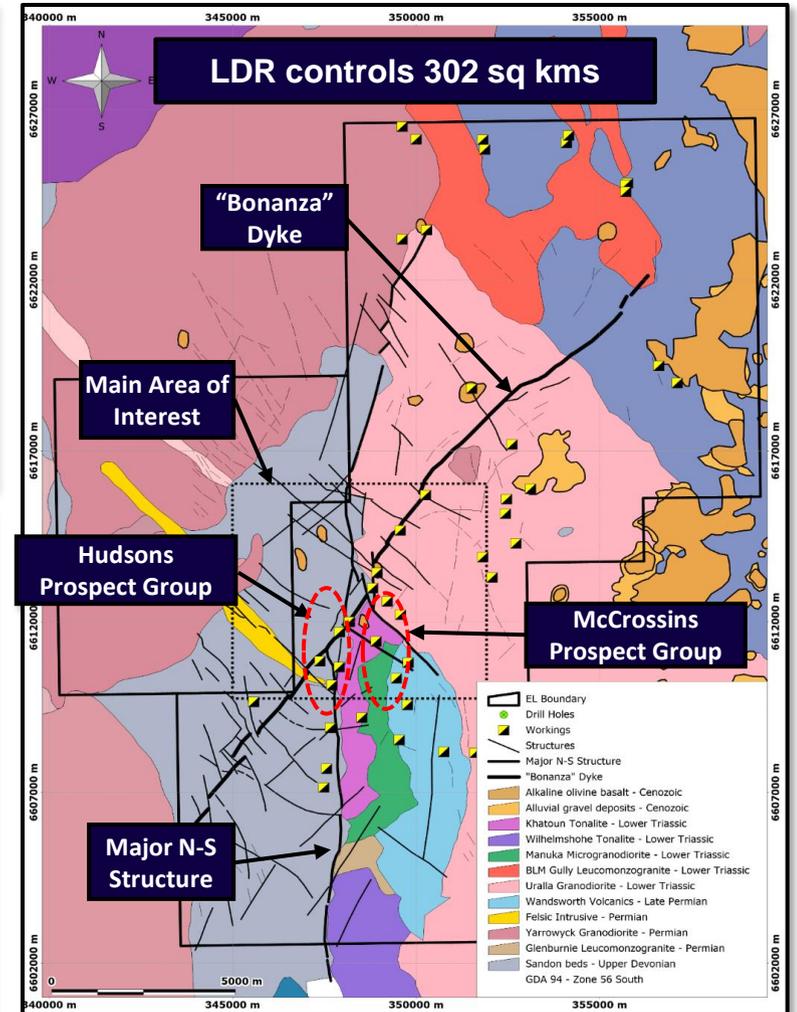


# Uralla Gold Project – Dominant Position In A Significant Goldfield

- The Uralla goldfield was one of the earlier goldfields discovered in NSW and a significant gold producer in the 1850's. LDR's holdings cover over 300 sqkm's
- Uralla Granodiorite and other intrusives, which intrude Yarrowyck Granodiorite and Sandon Beds, are believed to be responsible for gold mineralisation in the Uralla Goldfield
- Characteristics of an Intrusive Related Gold System (IRGS) only been recently recognised. Tintina Gold Province of Alaska and Yukon is the best known example of a IRGS with >50Moz of Au defined over the last 15 years – See <https://pubs.usgs.gov/sir/2007/5289/SIR2007-5289-A.pdf>
- “Bonanza” Dyke, N-S Structure and Felsic dykes appear to be strong controlling features within the Uralla goldfield. Zonation of indicator metals Bi, As, Sb, Cu, Zn and Pb is a potential tool for vectoring towards larger targets
- Drill results show significant gold intercepts, highlighting the Project's potential. Results from these earlier drill programs include:

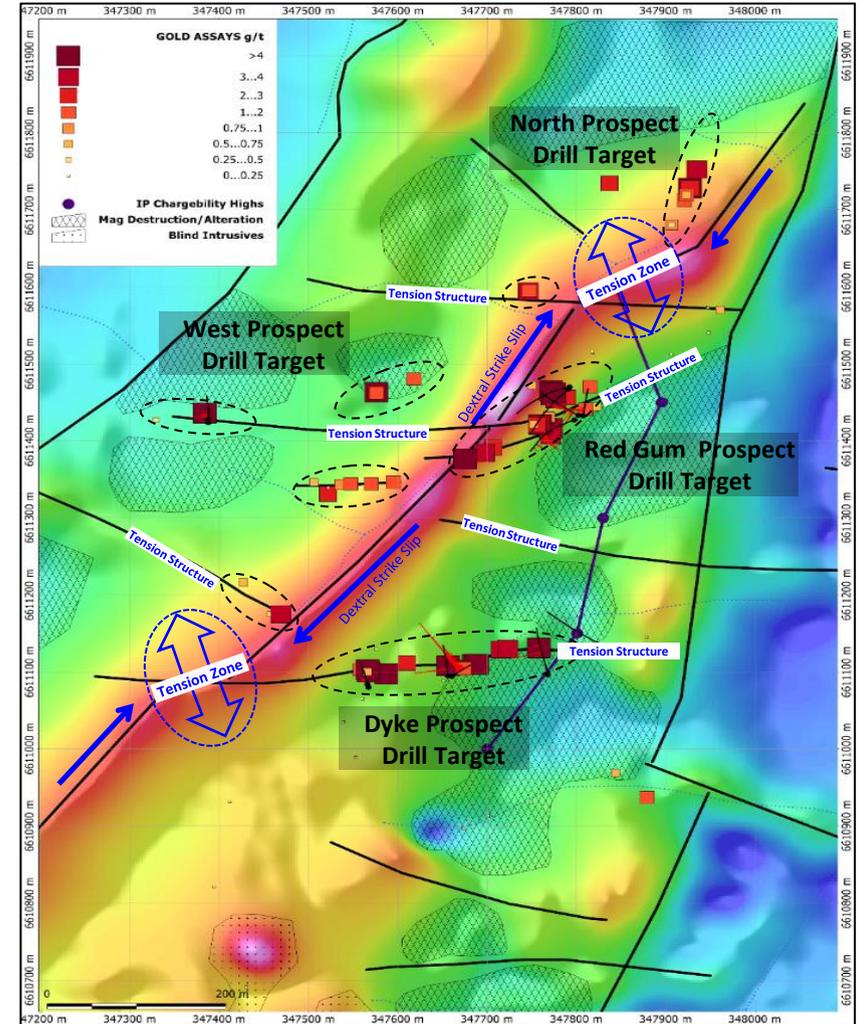
| Hole No. | From (m) | To (m) | Interval (m) | Gold (g/t) | Target       |
|----------|----------|--------|--------------|------------|--------------|
| SGRDD002 | 15.0     | 41.0   | 26.0         | 2.80       | Martin Shaft |
| incl.    | 24.0     | 38.0   | 14.0         | 4.82       |              |
| SGRDD004 | 52.0     | 70.0   | 18.0         | 3.51       | Martin Shaft |
| incl.    | 57.0     | 64.0   | 7.0          | 7.47       |              |
| SGRDD014 | 16.0     | 36.0   | 20.0         | 2.33       | Martin Shaft |
| incl.    | 21.0     | 29.0   | 8.0          | 5.40       |              |
| SGRDD008 | 73.0     | 97.0   | 24.0         | 1.88       | Martin Shaft |
| incl.    | 73.5     | 92.0   | 18.5         | 2.41       |              |
| SGRDD010 | 78.0     | 113.0  | 35.0         | 1.10       | Martin Shaft |
| incl.    | 84.0     | 89.0   | 5.0          | 3.29       |              |
| SGRRC004 | 4.0      | 28.0   | 24.0         | 1.60       | Martin Shaft |
| incl.    | 13.0     | 23.0   | 10.0         | 3.00       |              |
| KTN010   | 12.0     | 27.0   | 15.0         | 2.09       | Dyke         |
| incl.    | 15.0     | 22.0   | 7.0          | 3.65       |              |
| incl.    | 15.0     | 19.0   | 4.0          | 4.18       |              |
| SGRRC017 | 76.0     | 102.0  | 26.0         | 1.20       | Martin Shaft |

| Hole No. | From (m) | To (m) | Interval (m) | Gold (g/t) | Target       |
|----------|----------|--------|--------------|------------|--------------|
| SGRRC003 | 25.0     | 54.0   | 29.0         | 1.21       | Martin Shaft |
| incl.    | 39.0     | 45.0   | 6.0          | 2.90       |              |
| SGRDD003 | 29.0     | 62.0   | 33.0         | 0.91       | Martin Shaft |
| incl.    | 37.0     | 44.0   | 7.0          | 2.83       |              |
| SGRRC001 | 0.0      | 27.0   | 27.1         | 1.06       | Martin Shaft |
| incl.    | 15.0     | 24.0   | 9.0          | 2.41       |              |
| SGRRC006 | 35.0     | 52.0   | 17.0         | 1.61       | Martin Shaft |
| incl.    | 37.0     | 44.0   | 7.0          | 3.54       |              |
| SGRRC035 | 90.0     | 112.0  | 22.0         | 1.15       | Martin Shaft |
| SGRRC005 | 23.0     | 38.0   | 15.0         | 1.60       | Martin Shaft |
| incl.    | 25.0     | 32.0   | 7.0          | 3.13       |              |
| SGRRC011 | 46.0     | 64.0   | 18.0         | 0.95       | Martin Shaft |
| incl.    | 57.0     | 63.0   | 6.0          | 2.23       |              |
| SGRRC036 | 82.0     | 90.0   | 8.0          | 2.20       | Martin Shaft |
| KTN007   | 68.0     | 82.0   | 14.0         | 1.24       | Gum Tree     |
| incl.    | 73.0     | 75.0   | 2.0          | 2.04       |              |
| and      | 77.0     | 80.0   | 3.0          | 2.21       |              |
| KTN007   | 96.0     | 100.0  | 4.0          | 0.76       |              |

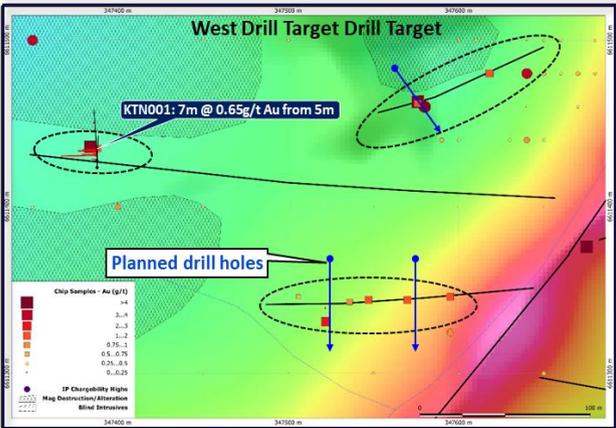
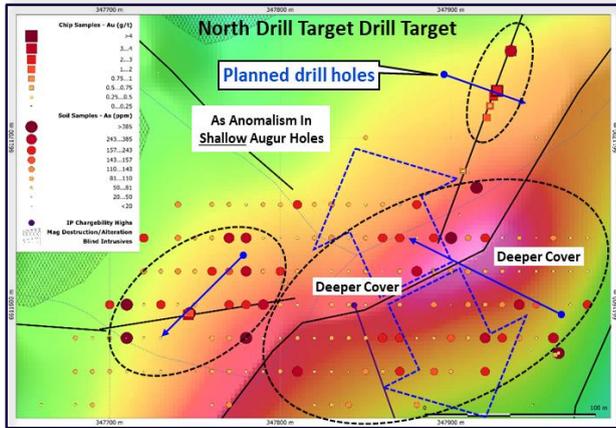
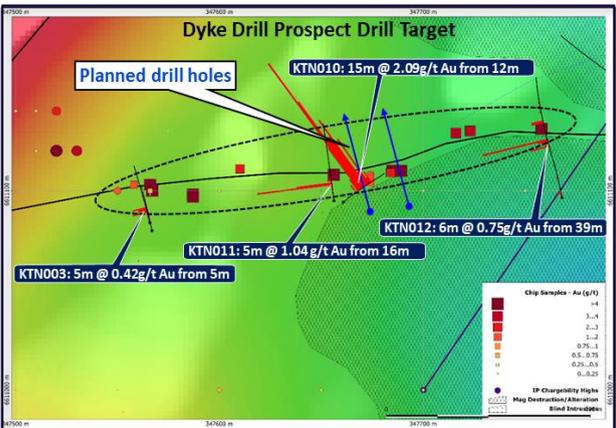
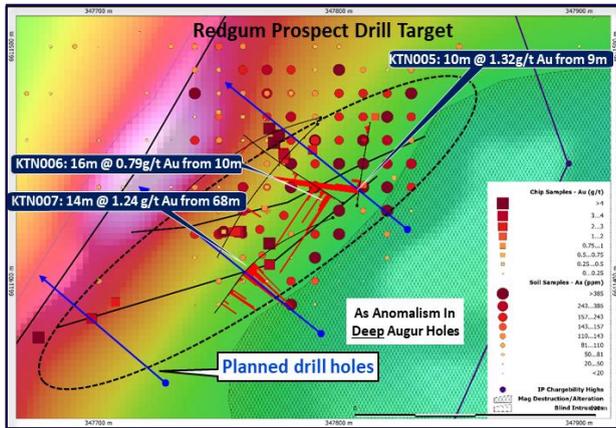
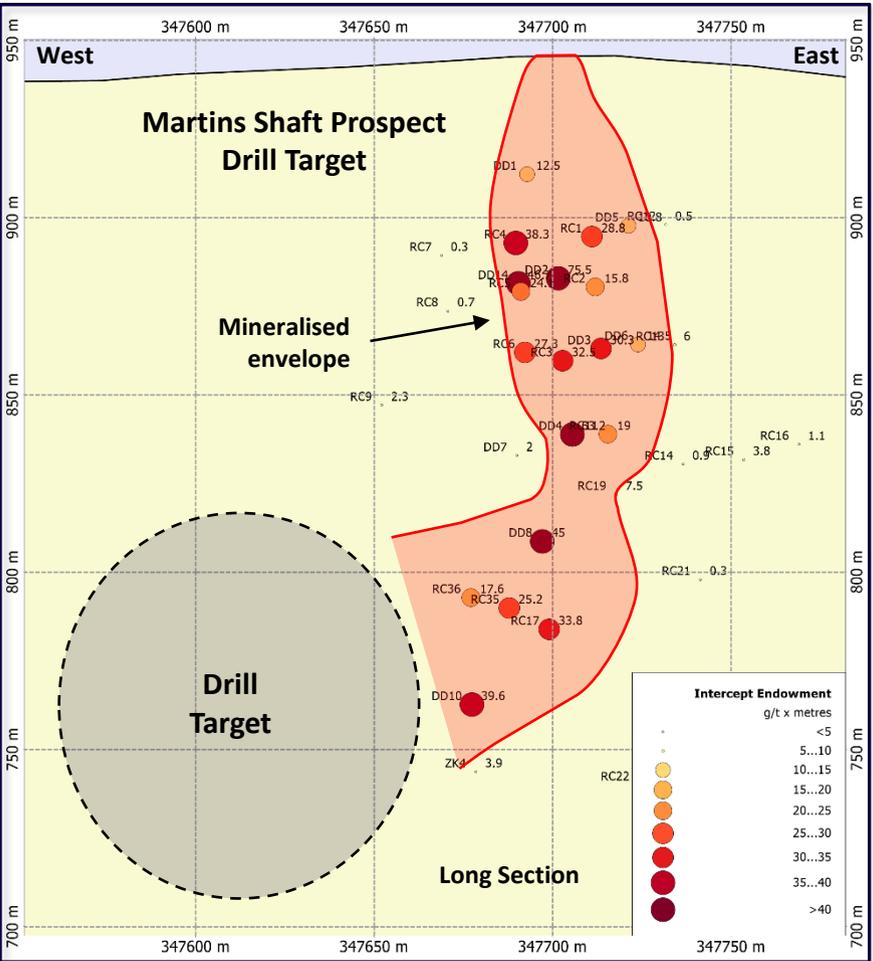


# Hudsons Prospect Group – Multiple Walk-up Drill Targets

- Hudsons Prospect Group has been the main focus of exploration to date at Uralla
  - Hudsons Prospect Group is a large mineral system (1,000m x 500m) with multiple targets
  - Disseminated gold mineralisation discovered through methodical field work
  - Anomalous arsenic in soils linked to gold mineralisation & visual arsenopyrite in outcrop equals gold grade – very useful exploration tool
  - Surface chip samples reveals widespread multiple gold zones despite 80-90% cover
  - Successful early RC drill programme yields solid intercepts
- DroneMag enhances structural interpretation at the Hudsons Prospect Group
  - Dilation or tensions zones are conduit for gold bearing solutions
  - Bonanza Dyke appears to be a major controlling structure despite having no outcrop
  - Gold discovered in secondary tension structures with Bonanza Dyke interpreted tension zones yet to be tested by drilling
  - Follow-up programme currently being designed

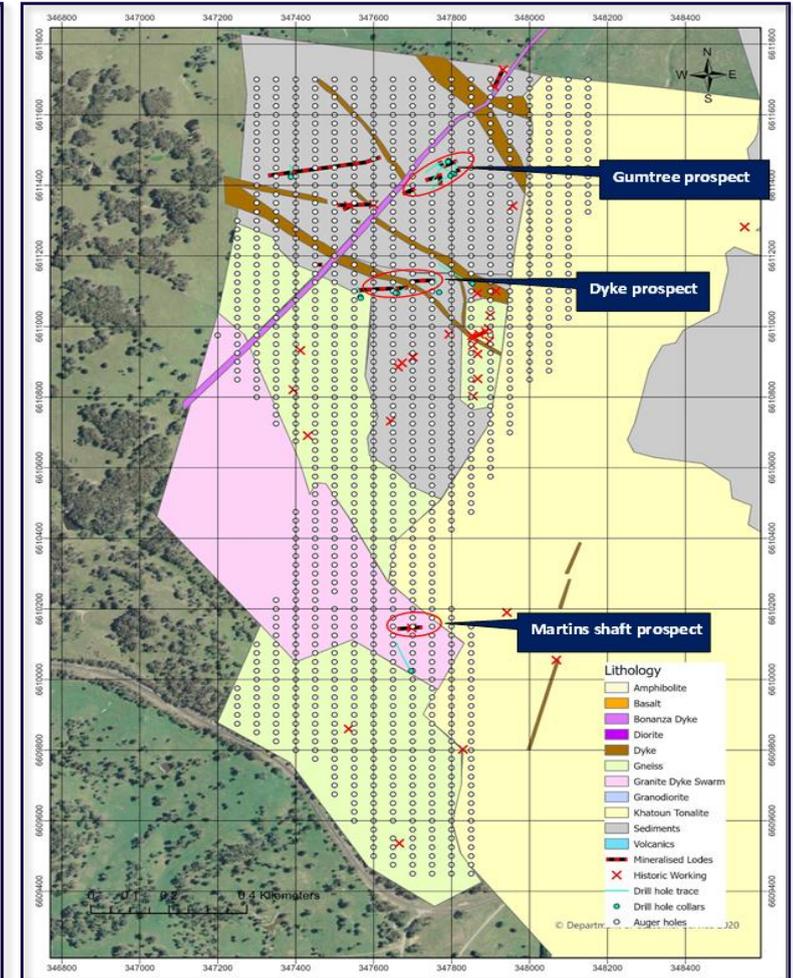
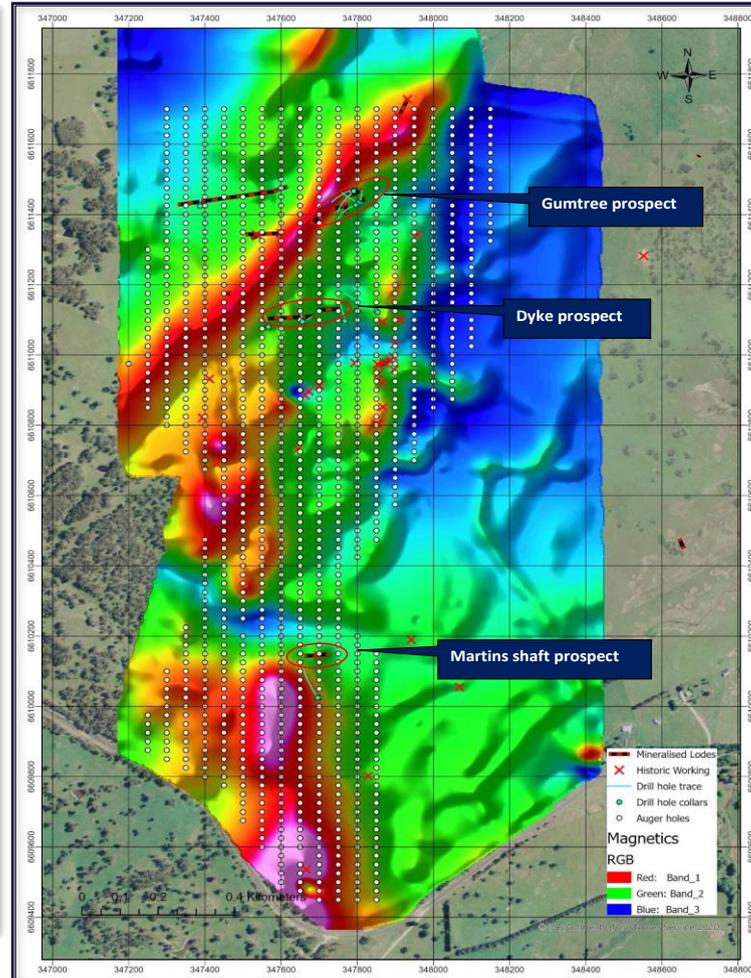


# Hudsons Prospect Group – Multiple Walk-up Drill Targets



# Hudson's Prospect Group – Large Auger Drill Programme Completed

- Completion of 1,159 auger drill holes across approximately 1.6km<sup>2</sup> at the Hudson's group of prospects at Lode's Uralla Gold Project
- Program aimed at following up on prior drilling success and to identify anomalous gold values to assist with further drill targeting
- Anomalous arsenic in soils linked to gold mineralisation & visual arsenopyrite in outcrop equals gold grade – very useful exploration tool
- Results from the auger program are expected soon
- Follow-up programme currently being designed - underpinned by previous successes, results from the just completed auger drilling programme and geological insights suggesting the presence of an Intrusive Related Gold System (IRGS)





## Lode Resources Ltd

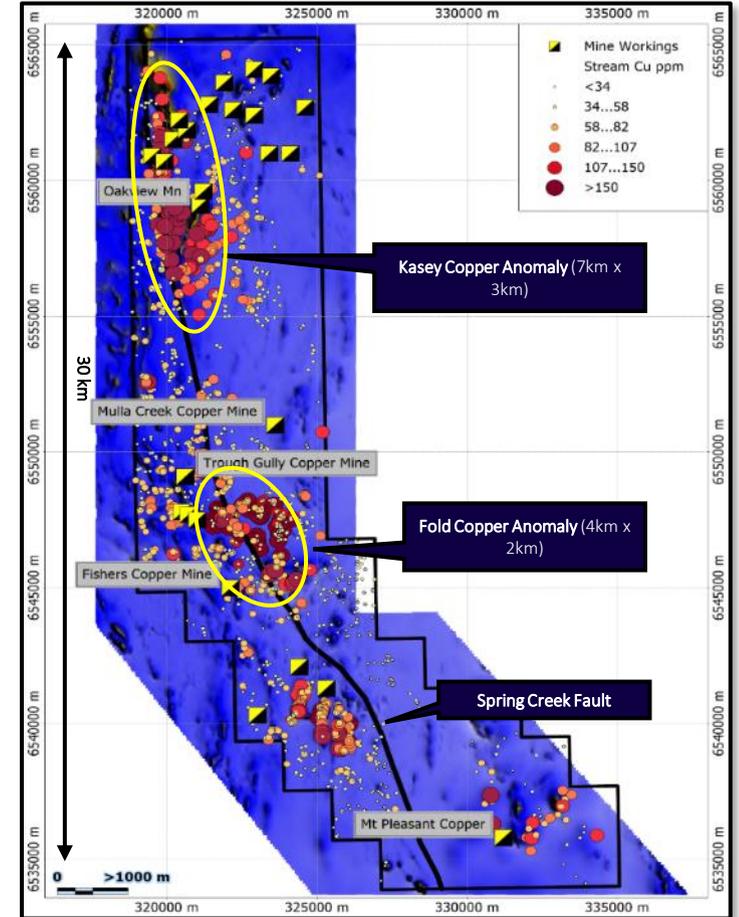
Level 5, 1 Margaret Street,  
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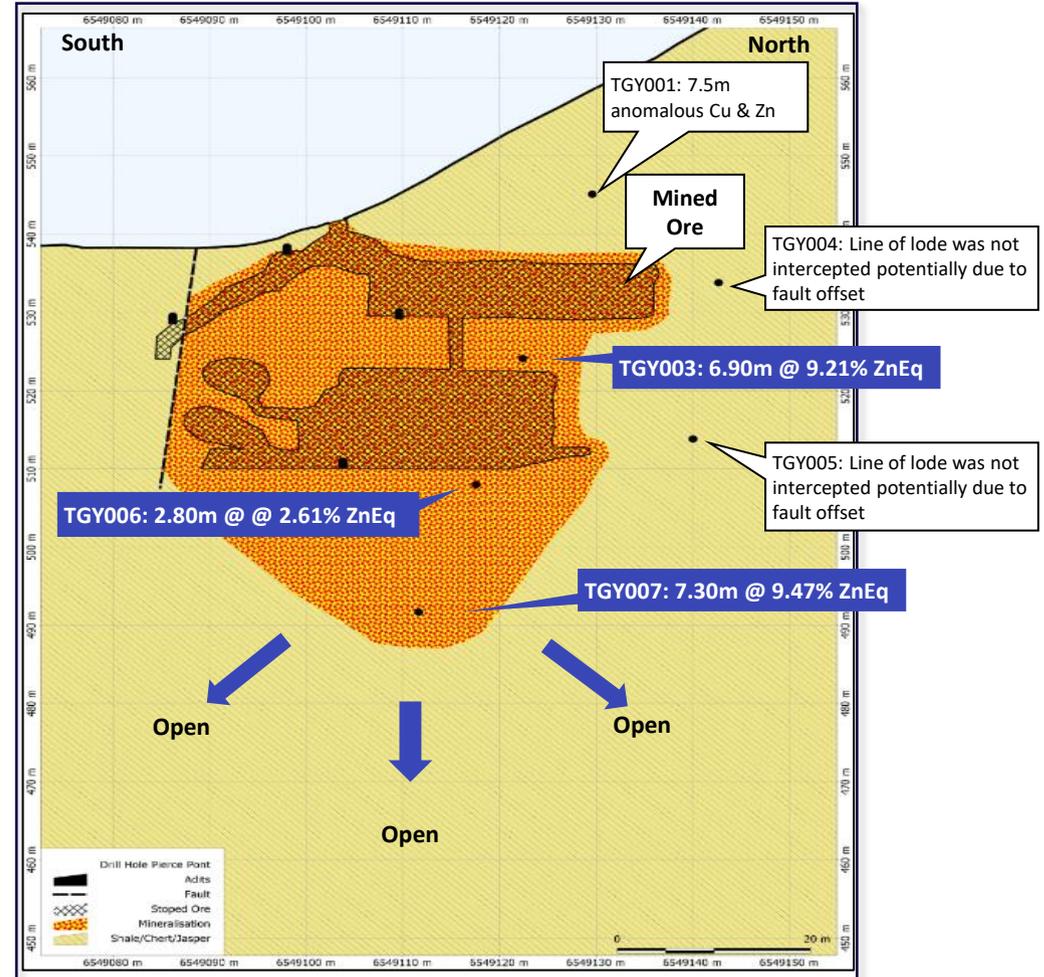
# (Appendix I) Fender Copper/Zinc

- Located 30km SE of Tamworth
- Surface exploration carried out by several companies since the 1960s comprising stream/soil, surface mapping, IP and magnetics however no drilling has occurred
- Significant copper values in stream sampling over two large areas (Kasey 7km x 3km, Fold 4km x 2km). Coincides with distinct large magnetic ridges and adjacent to Spring Creek fault
- Magnetic anomalies may represent large fold structures which provides tension regime for fissure infilling of remobilised copper mineralisation
- Late Devonian-Early Carboniferous Myra and Sandon Bed, inter-fingered Permian basalt, jasper and chert
- 21 copper occurrences of VMS origin have been recorded over 30km strike length and are hosted within steeply dipping shear zones that have a close spatial relationship with jasper, chloritised metabasalt and less resistant argillaceous chert
- Mineralisation typically Fe rich, then Cu and Zn as major metals. Cu typically ranges 2% to 4.5%, although exceptionally rich ore from Fisher's mine averaged 13.4% Cu. Zn was sought after during the late 1800's and early 1900's and as such was not highlighted in historical records
- **Identified drill targets:**
- Four copper mines – **walk up drill targets, never drilled**
- Two large drainage anomaly targets based on regional stream/soil geochemical and magnetic surveys. Large anomaly suggest potential for sizeable occurrence



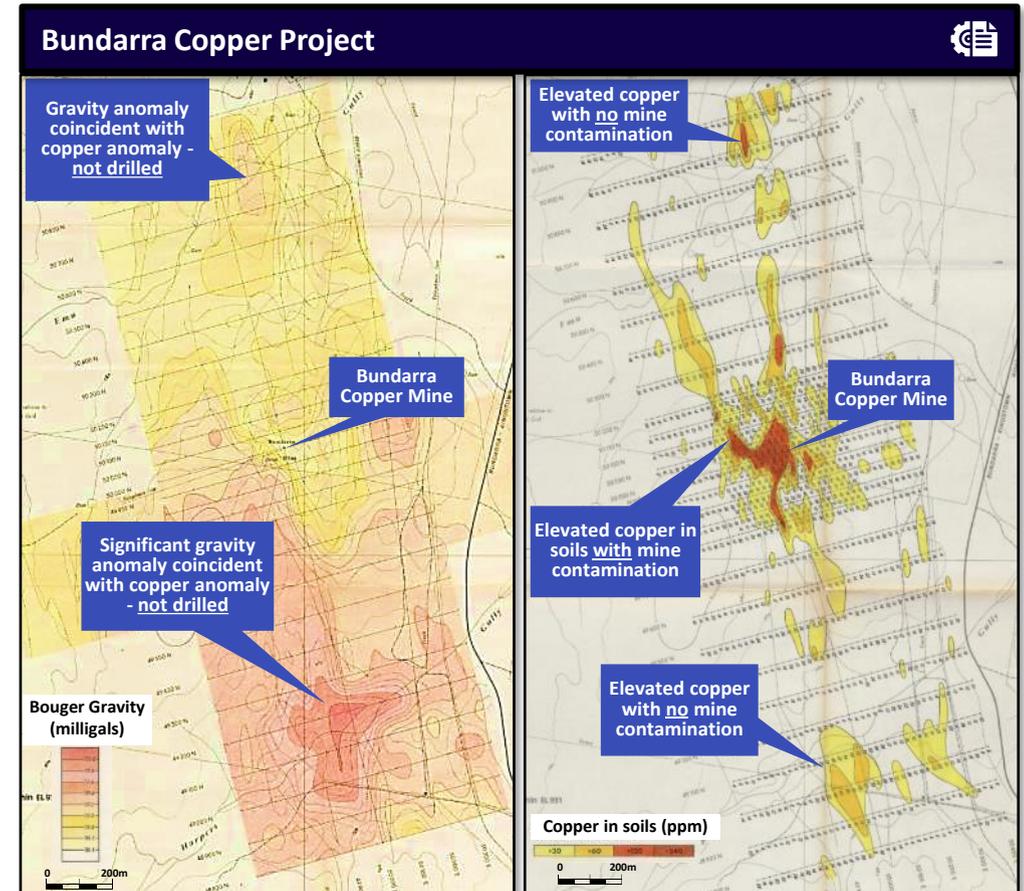
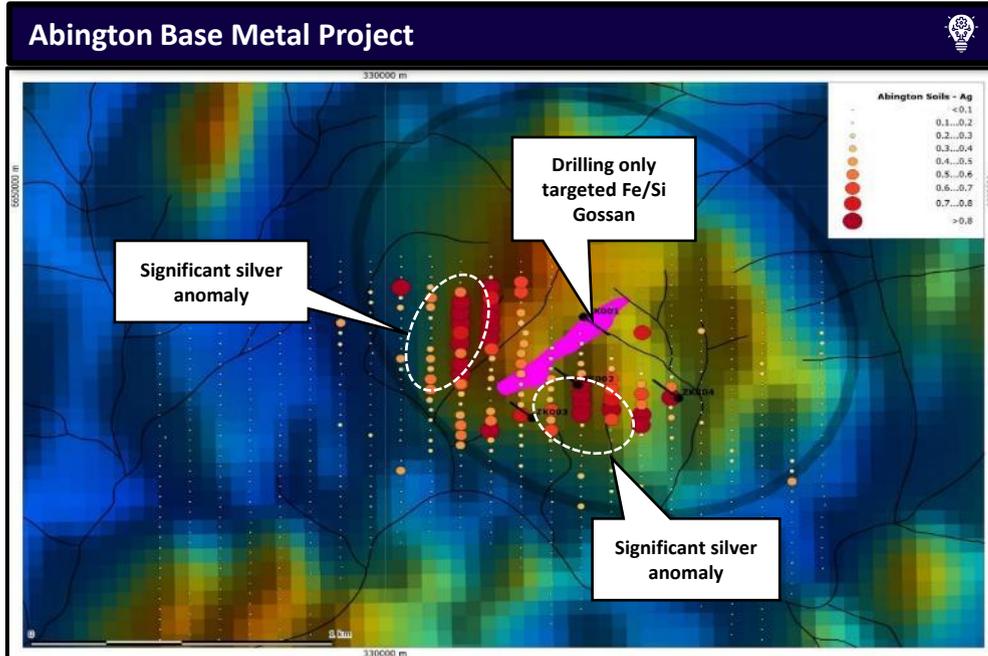
# (Appendix I) Trough Gully Copper/Zinc

- Phase I drilling program returns significant Cu & Zn assays plus consistent Au & Ag credits at Trough Gully Copper Mine, including TGY007 intercept 30m below old workings
  - TGY007: 7.30m @ 9.47% ZnEq from 92.1m
  - (4.93% Zn, 1.37% Cu, 0.36 g/t Au & 10.1 g/t Ag)
  - TGY003: 6.90m @ 9.21% ZnEq from 50.9m
  - (4.49% Zn, 1.30% Cu, 0.50g/t Au & 17.4g/t Ag)
- This is the first modern drill program at the historic Trough Gully Copper Mine, part of Lode's 100%-owned Fender Copper Project
- Intersecting significant copper and zinc mineralisation at shallow depths in a first pass drill programme has implications for other prospects such as the very large Kasey Cu anomaly
- Significant, previously under-recognized zinc mineralisation indicates the mineral potential of Trough Gully may have been highly underestimated
- Rougher flotation recoveries up to 97.5% for Zn, 98.8% for Cu, 97.2% for Au and 98.8% for Ag in a preliminary single product bulk concentrate



# (Appendix I) New Projects Recently Added To Base Metal Portfolio

- Recent granting of Exploration Licence No. 9319 (“Sandon”) increases Lode’s Exploration Licence area by 78%
- Bundarra Copper Project and Abington Base Metal Project are the two most prominent exploration targets
- Extensive historic surface work means minimal preliminary work needed for drill target definition



# (Appendix I) Greenfield Opportunities: Thor Gold & Tea Tree Gold

## Thor Gold

- Radiometric imagery shows thorium signatures potentially indicating shallowly buried or just unroofed granites and/or areas of related alteration. Intrusive related gold deposits are spatially associated with moderately reduced granites of felsic to intermediate composition.
- Alternatively major structures such as the Plagyan fault may tap deep crustal fault systems providing a suitable environment for epizonal orogenic gold deposition
- Source of 2km gold in drainage anomaly unexplained at Maules Creek
- Newmont has pegged ground with similar geology

## Tea Tree Gold

- Historical goldfield with 21 historical workings. 93 rock chip samples averaged 2.42 g/t Au. Highest value 152g/t Au<sup>1</sup>
- One drill hole returned 6.3 g/t Au over 2m from 35m but no follow up
- No systematic soil sampling or ground geophysics

