

HIGH GRADE ANTIMONY STRATEGY TO MEET GROWING GLOBAL CRITICAL METALS DEMAND

10 March 2025



ASX: RML

resolutionminerals.com

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This announcement has been approved for release by the board of the Company.

RML confirms that this announcement the Company is not aware of any new information or data cross referenced in this announcement from "High Grade Antimony and Antimony-Gold Portfolio Acquired" as released on 10 March 2025. 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 announcement.

1. [Reserves and Resources | Newmont Corporation – Operations & Projects](#), 2. Evolution., 2023, <https://evolutionmining.com.au/reservesresources/>, 3. Regis Resources 2023., Annual Mineral Resource and Ore Reserve Statement 8 June 2023, 4. Alkane 2023., ASX Announcement, Boda Resource Update Increases Gold and Copper Grades, 14 December 2023, 5. <https://argentminerals.com.au/projects/nsw-kempfield-project/>. 6. WTM.ASX Investor Presentation 4 February 2025.

About RML

- ✦ RML is an Australian critical metals explorer via new acquisitions in NSW and QLD.
- ✦ RML is establishing itself as a leading antimony, gold and copper-focused explorer. This strategic expansion positions the company to address the increasing global demand for these vital resources.
- ✦ Focused on
 - Neardie Antimony Project (QLD)
 - Drake East Antimony-Gold Project (New England Fold Belt, NSW)
 - Spur South Gold-Copper Project (Lachlan Fold Belt, NSW)

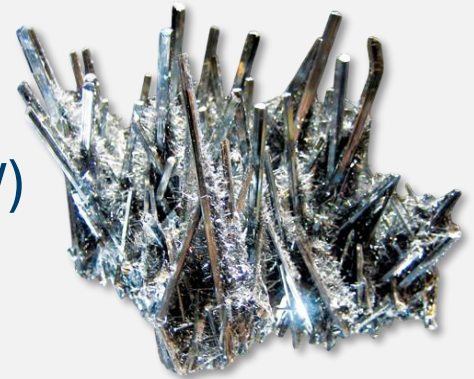


Image: Stibnite (a principal ore of antimony)

Corporate Overview

RML
RESOLUTION
MINERALS LTD

RML

ASX Ticker

298.2m

Shares on issue (7/03/25)

\$3m

Market Cap at 1¢ (7/03/25)

67.7%

Held by Top 20

32.4%

Held by Board & Management

Antimony Price @ Record High



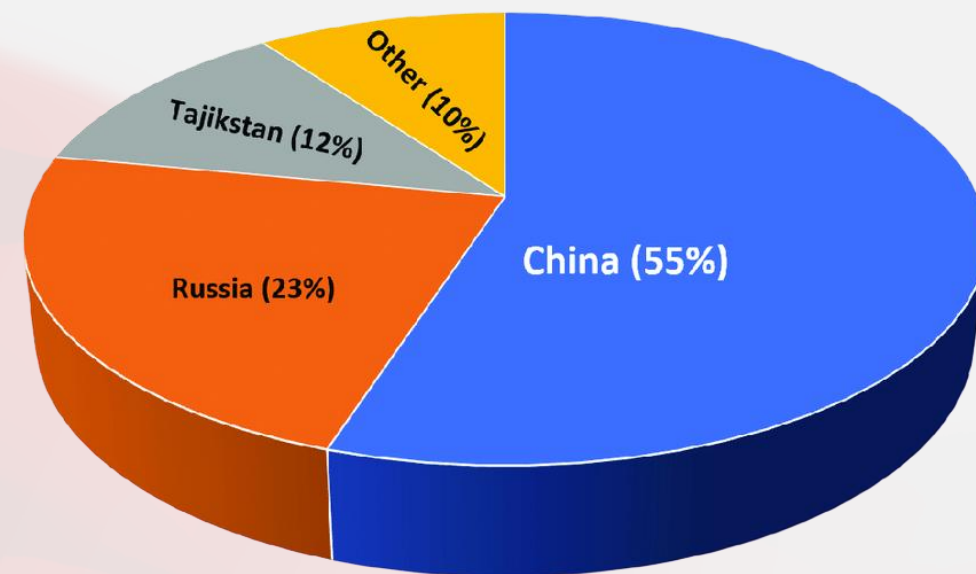
Antimony Global Outlook – A Perfect Storm

**RAPID DEMAND
GROWTH**

**MAJOR SUPPLY
CUTS**

**RAREST CRITICAL
METAL**

- China controls over 50% of the world's antimony supply
- In Dec 2024 China imposed export controls on antimony ore and metal oxides, leading to a further price surge to record levels



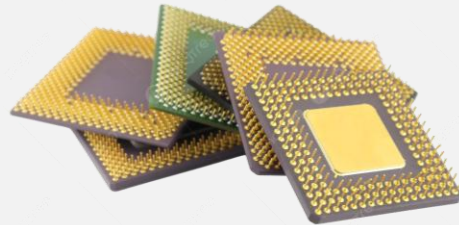
Antimony Global Outlook – A Perfect Storm

- ✦ It is estimated that China's actions have reduced antimony supply to the West by approximately 30%
- ✦ Supply concentration risk is very high
- ✦ Price volatility expected to continue
- ✦ Highlights antimony's strategic importance
- ✦ Strategic global stockpiles of antimony across Russia, US, NATO, Israel are quickly being depleted, leading to continued supply constraints



Antimony Uses

- Classified as a Critical Mineral by key global economies UK, EU, USA, Australia, Japan.
- Considered a Critical, Strategic and Industrial metal due to its wide range of applications.
- Antimony is used in the production of semiconductors, batteries, solar panels, ammunition and artillery shells, high-end military hardware such as night-vision goggles, flame retardants, cables.



US Critical Mineral Policy

- The critical mineral issue is one of America's most pressing national security challenges.
- For countless military and commercial applications, America is overly reliant on China and others for minerals.
- US President Trump has issued executive orders to review policy and spur domestic action to strengthen USA's supply of critical metals, including declaring critical metals supply a national emergency.
- Trump's recent actions abroad (Ukraine) indicate recognition that USA will work with its allies such as Australia to secure its critical mineral supply.





THE RIGHT COMMODITIES

Antimony
Gold
Copper



THE RIGHT LOCATION

Surrounded by majors and
major exploration successes

NSW an emerging
hotspot



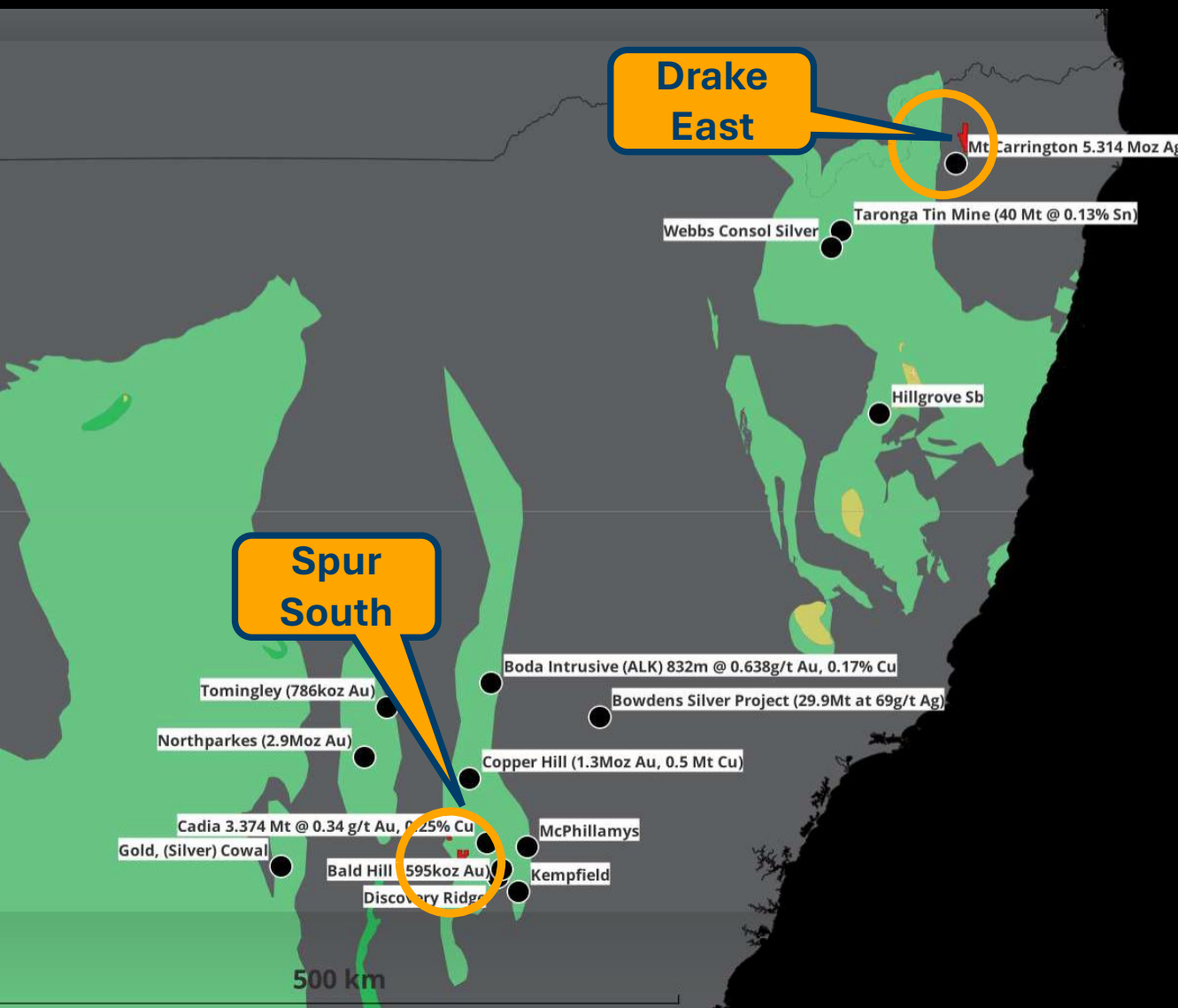
NEWSFLOW READY

Target areas
identified for exciting
newsflow potential

NSW Project Locations

2 Projects in NSW

163 km² total area



Spur South Gold-Copper:

Macquarie Arc

ELA 6784 37.6 km²

ELA 6785 8.6 km²

Drake East Antimony-Gold:

New England Belt

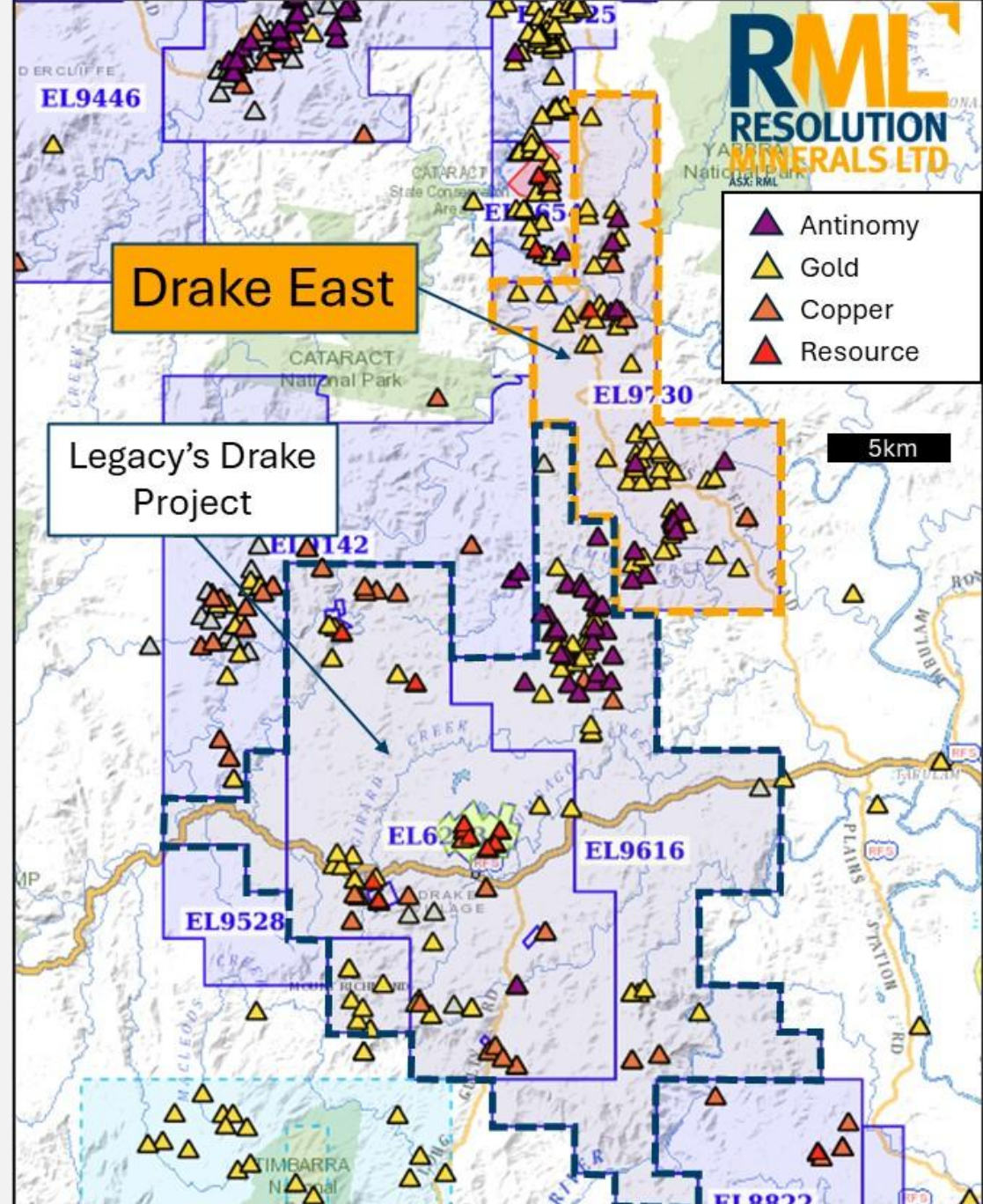
ELA 6784 37.6 km²

ELA 6785 8.6 km²

Drake East

Antimony-Copper-Gold Project, NSW

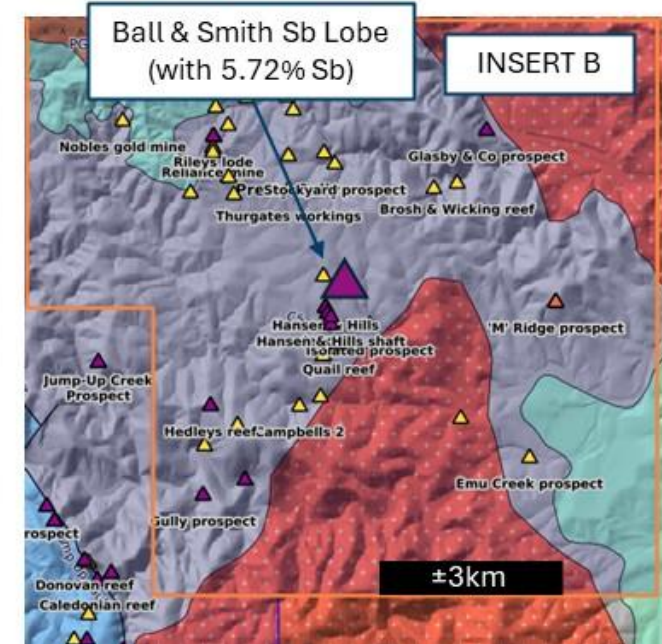
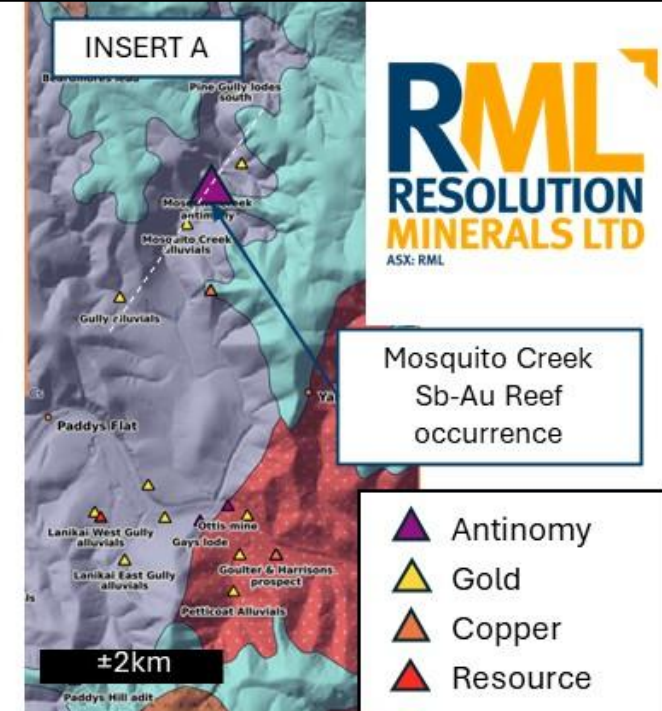
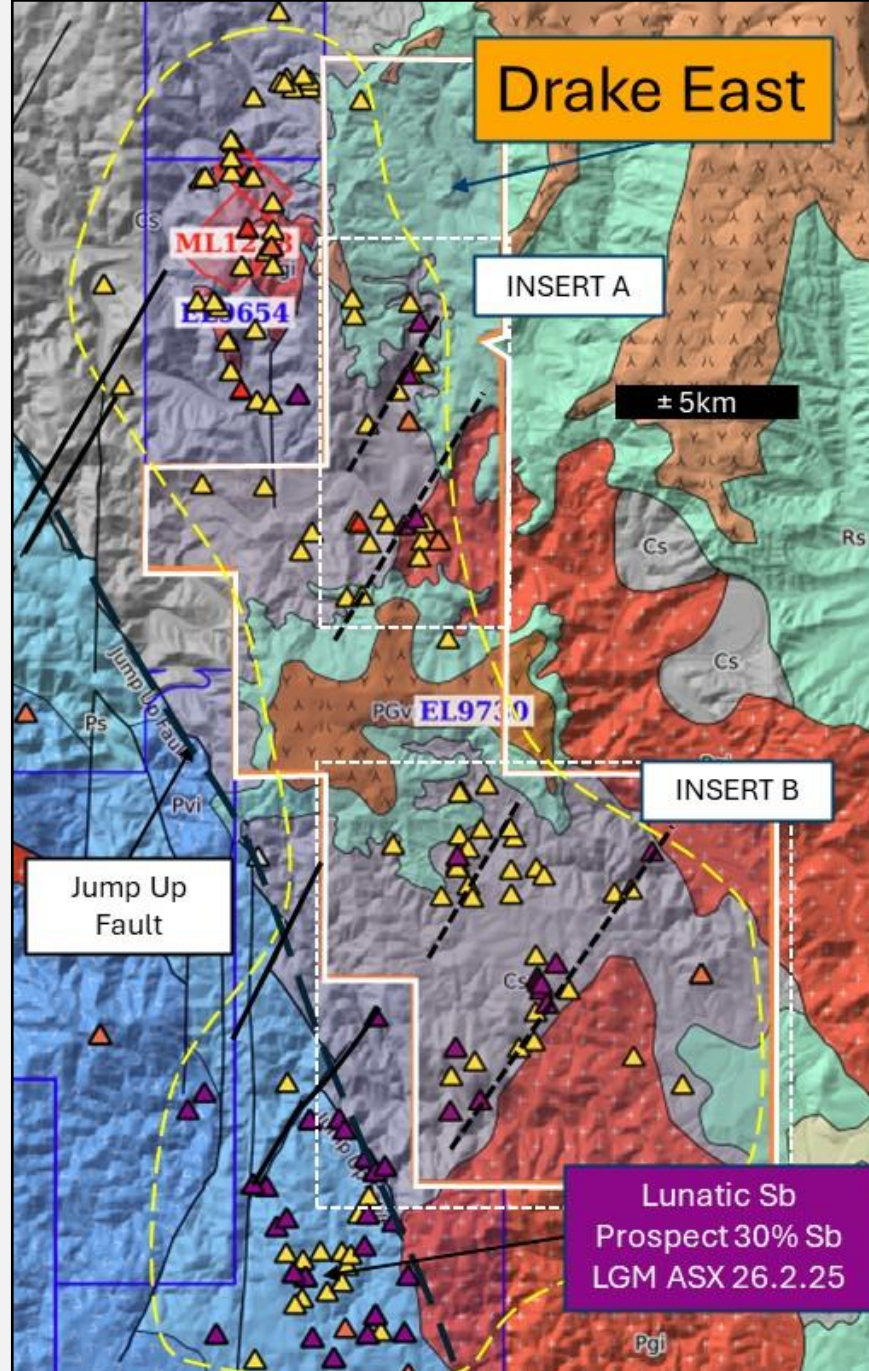
- Immediately adjacent to the Legacy Minerals (ASX: LGM) Drake Gold-Copper Project where they are developing a large epithermal gold-copper mineralised system.
- Legacy project area also hosts 24 antimony occurrences which are concentrated close to the western boundary of Drake East.
- Recent Legacy rock chip results (ASX announcement 26 February 2025) include **30% Sb and 0.38g/t Au** (Sample 9979) from LGM's Lunatic Prospect, which is 2.2km from Drake East.



Drake East, NSW

Hosts 14 known antimony occurrences, including the well-documented **Mosquito Creek Antimony-Gold Reef**, and the **Ball & Smiths Lode**.

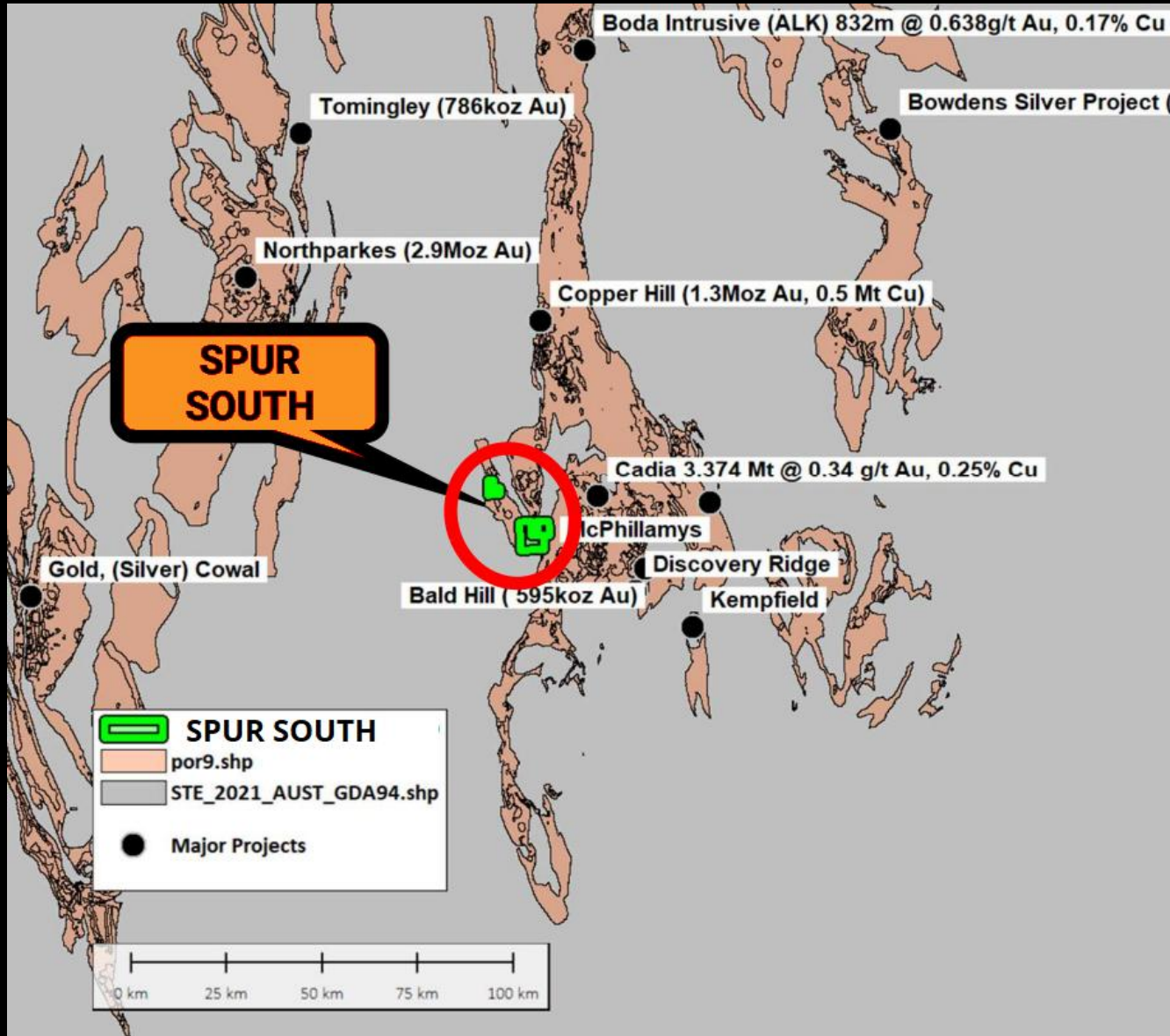
- **Gold** samples up to **60.9 g/t Au**
- **Historic gold** mined 100t @ 32.6 g/t Au at Bucklands Reef
- **Silver** samples to **214 g/t Ag**
- **Antimony** samples to **5.72% Sb**



Drake East, NSW

- ✦ On a regional perspective, the Drake East Project is well placed.
- ✦ **Antimony is commonly found in the region in association with gold** in epizonal orogenic systems.
- ✦ Many historical goldfields in northeast NSW are known to host high-grade antimony mineralisation, including **Larvotto Resources' (ASX: LRV) Hillgrove Mine and Trigg's (ASX: TGM) Wild Cattle Creek** deposit.
- ✦ Hillgrove is one of the ten largest antimony resources globally and **Australia's largest antimony deposit**.
- ✦ As well developing the antimony potential of the Drake East Project, the Company will also pursue the gold (silver and copper) potential.
- ✦ Limited systematic and modern exploration at Drake East represents significant opportunity for RML.
- ✦ RML plans to initiate systematic exploration programs, including geophysical surveys, geochemical sampling, and drilling campaigns, to evaluate the mineral potential of these projects.

Spur South Gold-Copper Project, NSW



**MACQUARIE
ARC**

Australia's only
economic porphyry
Cu-Au province.

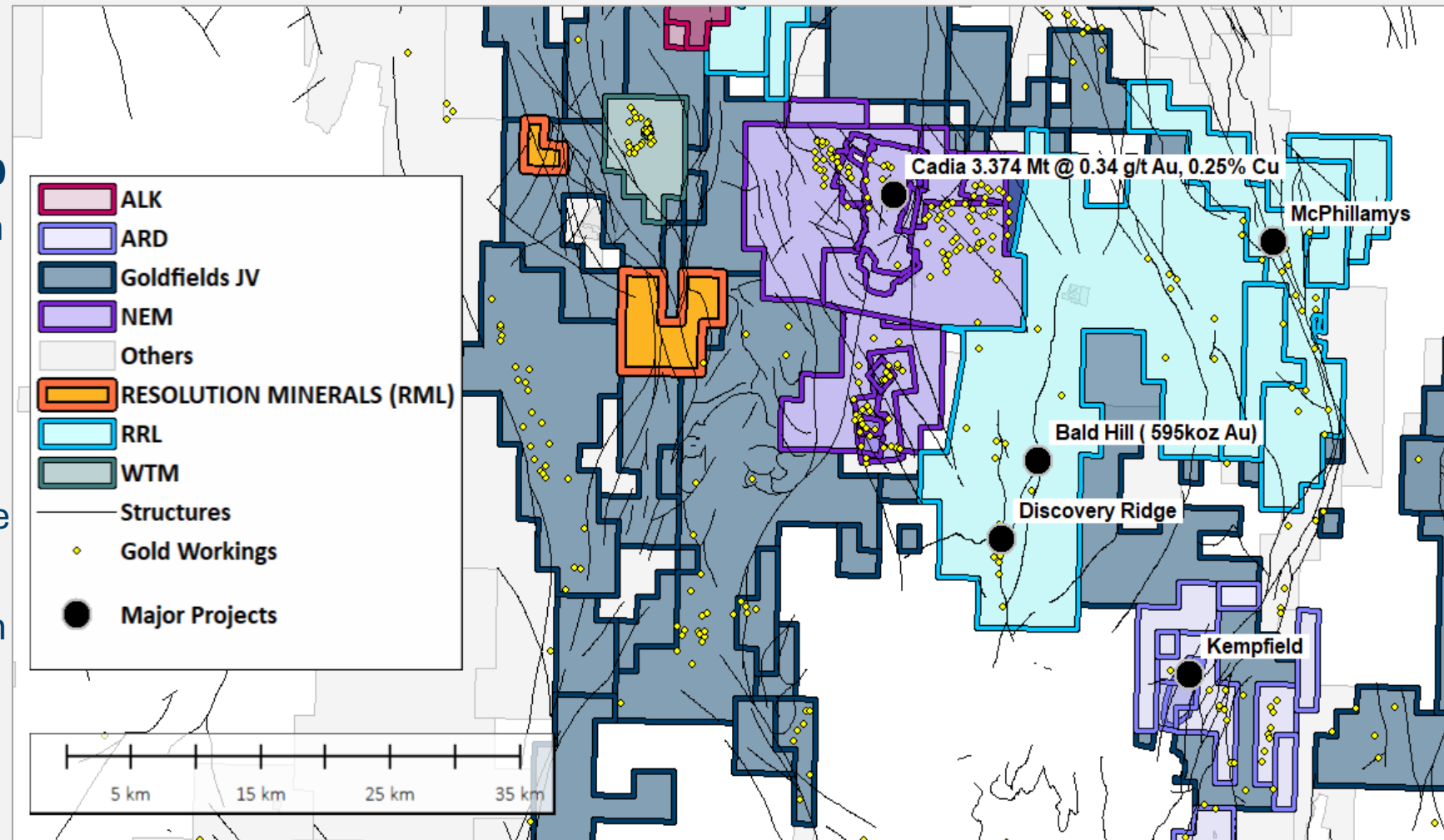
Spur South - surrounded by success

- ✦ Macquarie Arc Metal Belt is home to 25 known gold-copper porphyry systems
- ✦ Hosts 6 world-class gold-copper mines, 17 significant porphyry deposits and 2 mines in Feasibility Study stage
- ✦ Spur South extremely well situated within the Lachlan Fold Belt. Closely surrounded by major deposits and prospective exploration projects that have shown recent discovery success, such as:
 - ✦ Cadia: >50Moz Au & 9.5Mt Cu (Newmont)
 - ✦ Cowal: >11Moz Au (Evolution: EVL)
 - ✦ McPhillamy's: 2.3Moz (Regis Resources: RRL)
 - ✦ Discovery Ridge & Bald Hill: (Regis Resources: RRL)
 - ✦ Boda: 7.3Moz Au (Alkane: ALK)
 - ✦ Kempfield: 65.8 Moz Silver, 125k oz Gold (Argent: ARD)
 - ✦ Spur: 108m @ 0.55% Cu (Waratah: WTM)

Spur South - surrounded by success

\$1.6 billion in mining M&A and \$300 million in JV activity has occurred in this region since 2023 by majors including Newmont, Goldfields, AngloGold, Evolution and Fortescue.

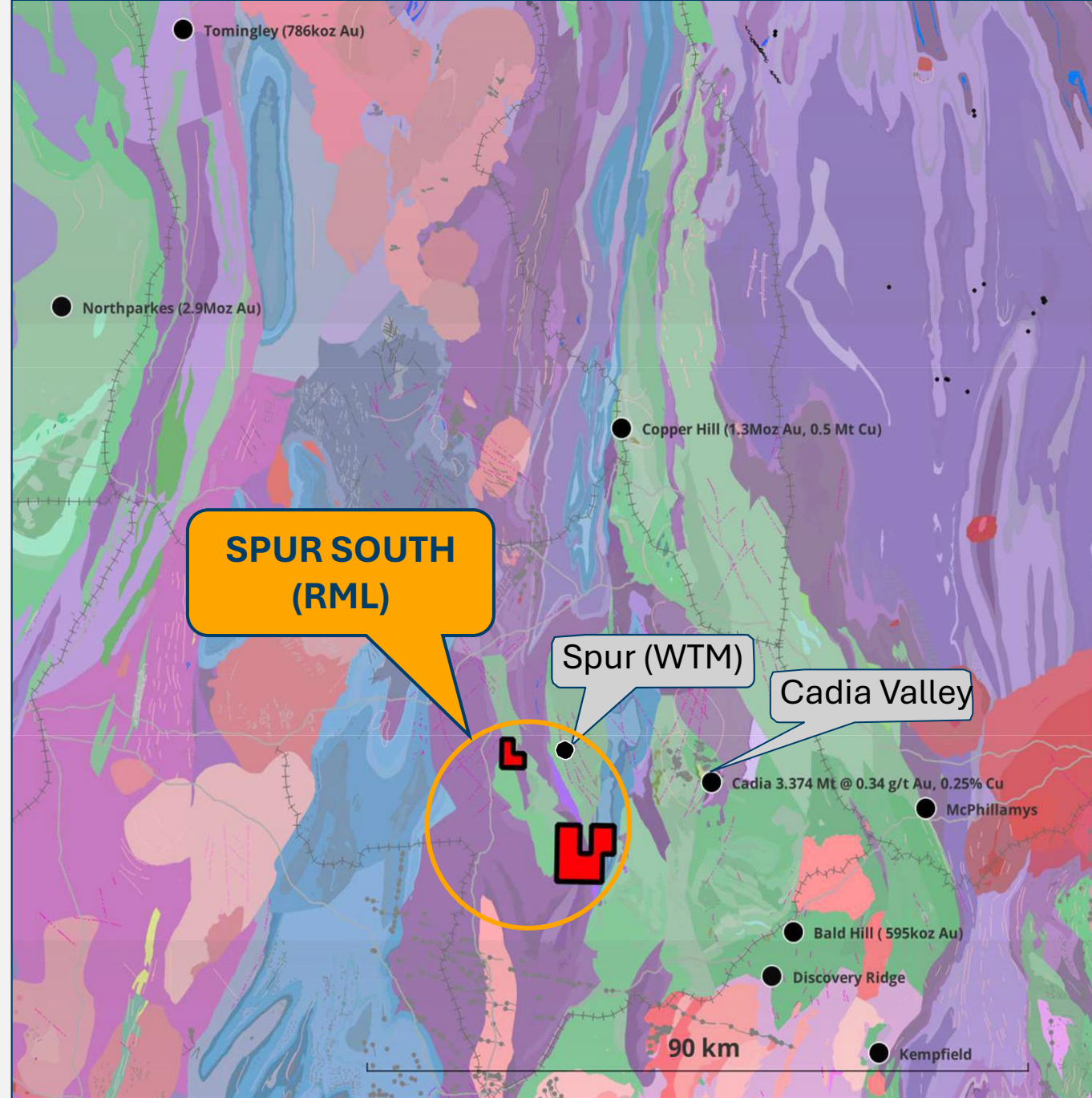
Excellent infrastructure exists in the region, including sealed roads, rail lines, airports, power and exploration support networks.



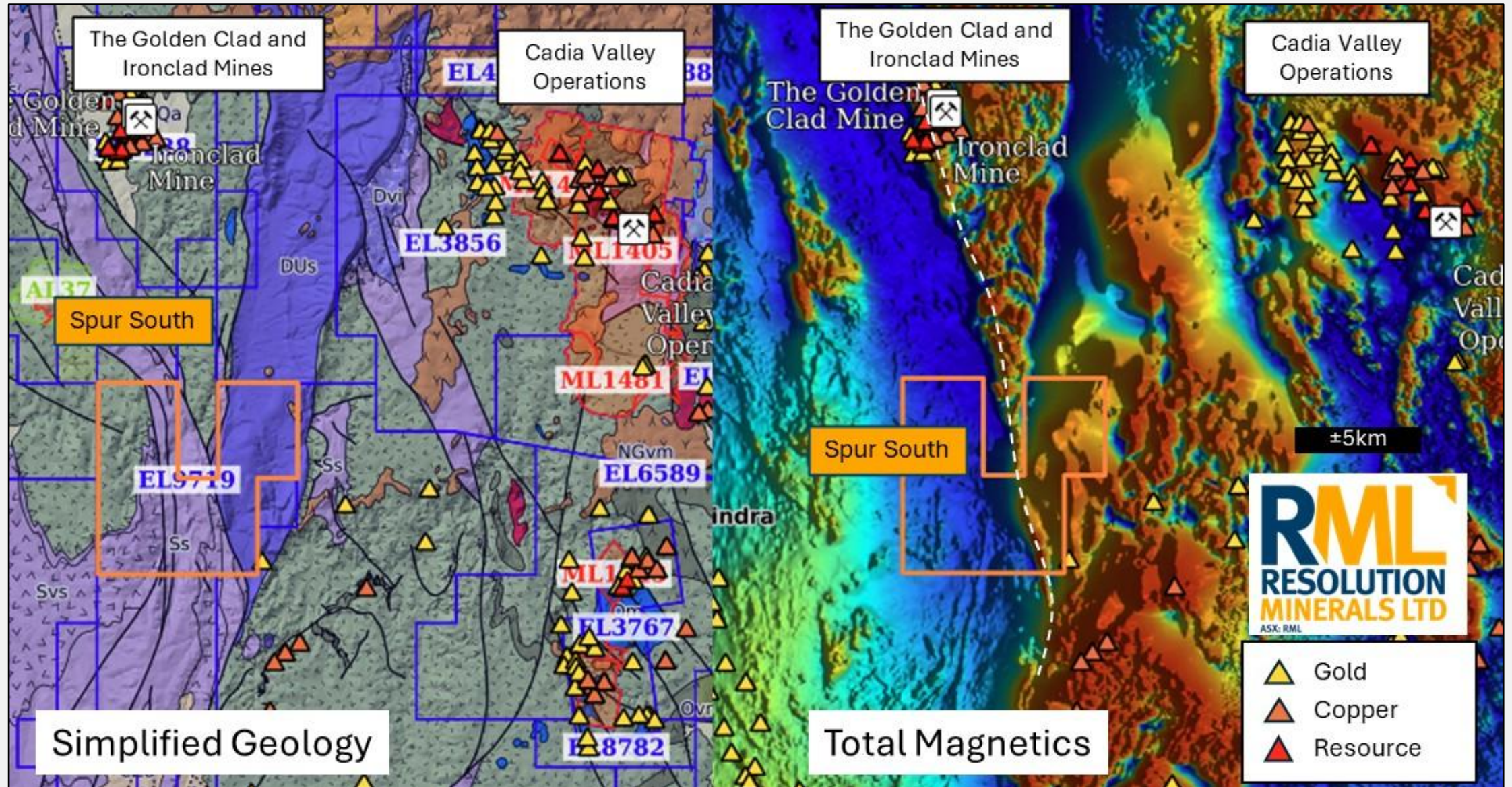
Spur South

Strategically positioned:

- ~ 15km south-west from Newcrest Mining's Cadia Valley Operations (>50Moz Au, 9.5Mt Cu, Measured and Indicated Mineral Resources, Newcrest)
- ~ 5 km west of Waratah Mineral's (ASX: WTM) Spur Project (108m @ .55% Cu)
- ~ 7km west of the Golden Clad/Ironclad Mines

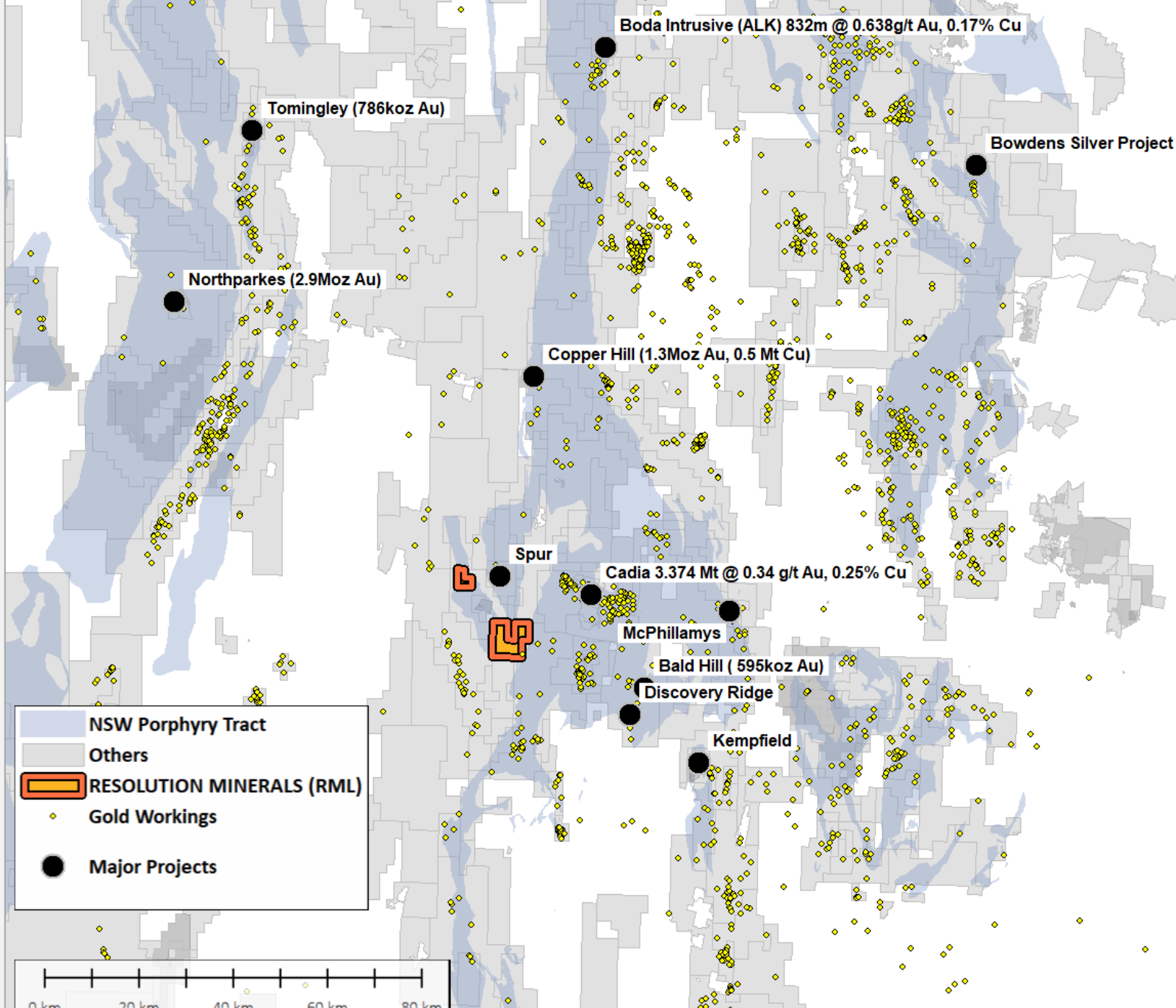


Spur South EL9719



Spur South

- ▶ The Spur South tenements remain significantly underexplored despite being surrounded by majors.
- ▶ There has been no exploration drilling on the tenements.
- ▶ Magnetics on the tenements highlight 4km+ strike potential and target zone for exploration.
- ▶ No vacant ground in the belt



Neardie Antimony Project, QLD

- ✦ The Company's second antimony-focused project is the Neardie Antimony Project, located approximately 20km north-northeast of Gympie, in QLD.
- ✦ It hosts the historic Neardie stibnite mines, which have been a significant producer of high-grade antimony ore, with intermittent operations since the 1890s.
- ✦ Underground rock chip sampling at the Neardie Antimony Mine in 1971 yielded results **up to 19.5% Sb**
- ✦ It is RML's opinion that **significant extensions of high-grade antimony are possible**, not only **along strike and at depth**, but **in parallel systems**, as was concluded in 1974 "the prospects of finding additional ore shoots in parallel and faulted lodes are favourable" J. Siemon 1974).

Neardie Antimony Project, QLD

| Carpentaria Exploration Co. Ltd CR55606 | | | |
|---|-------------------------|---------------------|-------|
| Assay No. | Location | Sample type/Width | % Sb |
| *112/88 | 115' level North Drive | stope fill | 8.3% |
| *113/88 | 176' level South Drive | stope fill | 1.6% |
| *398/89 | 254' level South/Stopes | 16' back | 5.0% |
| *400/89 | 254' level South/Stopes | 16' back | 14.6% |
| *521/89 | 485' level mud 8' | Black bottom layer | 1.9% |
| *522/89 | 485' level | Orange middle layer | 10.2% |
| *523/89 | 485' level | Brown top layer | 7.0% |
| Government Chemical Laboratory | | | |
| +C1 | 115' level | Channel 2' | 19.0% |
| +C2 | 115' level | Channel 4' | 2.1% |
| +C3 | 115' level | Channel 1' | 11.0% |
| +C4 | 115' level | Channel 1' | 16.0% |
| +C5 | 176' level | Channel 1' | 0.4% |
| +C6 | 176' level | Channel 16' | 0.0% |
| +C7 | 176' level | Channel 16' | 0.0% |
| +C8 | 254' level | Channel 52' | 0.8% |
| +C9 | 254' level | Channel 52' | 0.8% |
| +C10 | 332' level | Channel 10' | 16.0% |
| +C11 | 332' level | Channel 22' | 19.5% |
| +C12 | 332' level | stope fill | 1.7% |

- Carpentaria Exploration Co. Pty Ltd conducted an underground rock chip sampling program of the Neardie Antimony Mine in 1971.
- Of the nineteen samples taken by Carpentaria:
 - 14 return Sb grades greater than 1%
 - 10 (pink shading) are greater than 5% Sb
 - 4 are greater than 15% Sb.

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Summary

- STRATEGIC EXPOSURE TO HIGH-GRADE ANTIMONY AND GOLD
- EXCEPTIONALLY WELL-LOCATED PROJECTS
- FAVOURABLE ANTIMONY MARKET DYNAMICS AND PRICING
- SURROUNDED BY MAJORS AND SUCCESSFUL EXPLORATION COMPANIES
- UNTAPPED GEOLOGICAL POTENTIAL
- SIGNIFICANT EXPLORATION UPSIDE



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