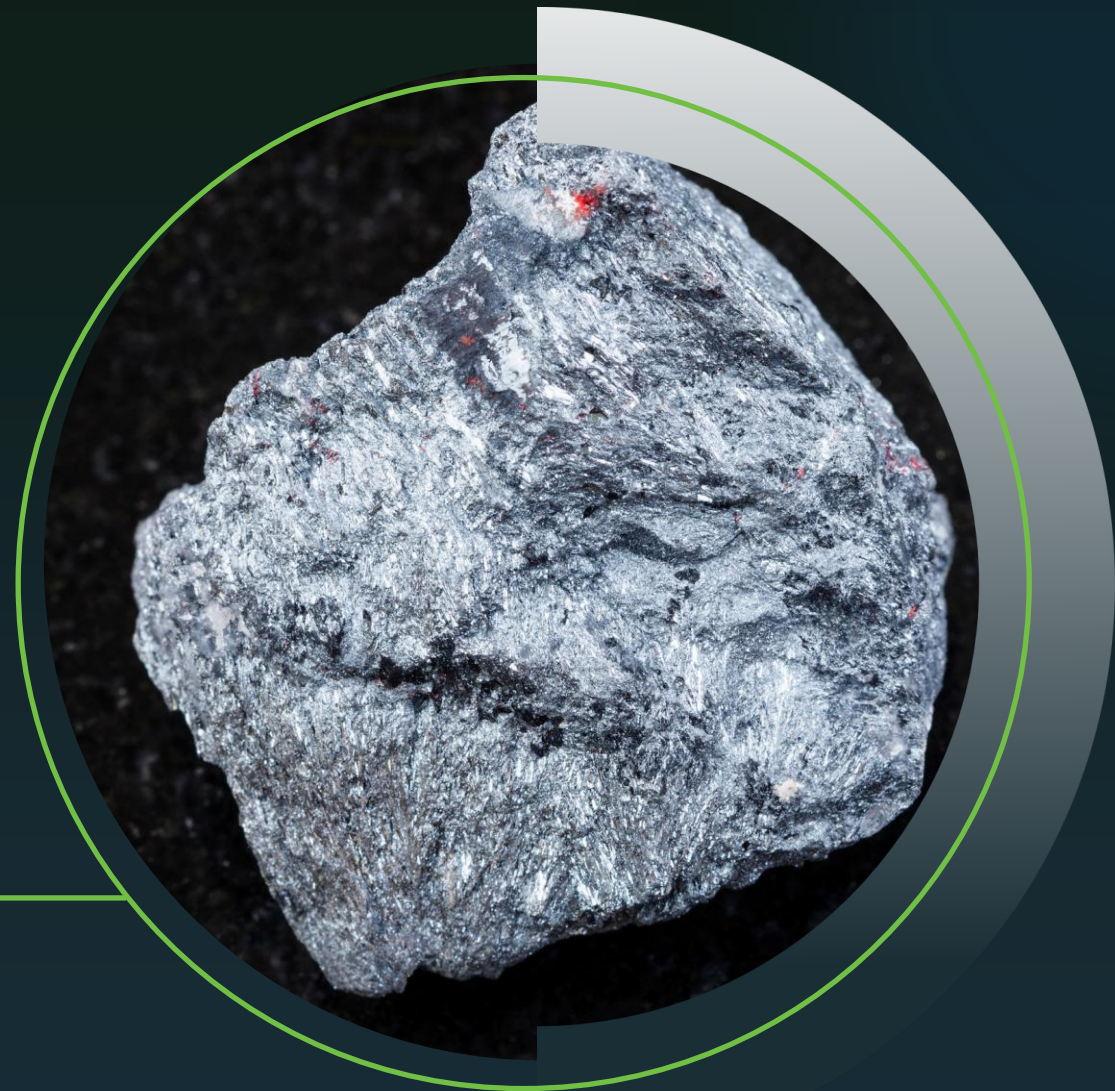




# DEVELOPING ANTIMONY – GOLD PROJECTS TO MEET GROWING GLOBAL DEMAND

MINES & MONEY // February 2025



ASX: TMG // TMGLF

visit our website [trigg.com.au](https://trigg.com.au)





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The information in this presentation relating to the Mineral Resource estimate for the Wild Cattle Creek Antimony Deposit is extracted from the Company's ASX announcement dated 19 December 2024. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original announcement and that all material assumptions and technical parameters underpinning the Mineral Resource estimate continue to apply.

The information in this presentation that relates to the Exploration Results is based on activities carried out by Mr Jonathon King. Mr King has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and the activity they are undertaking to qualify as Competent Persons as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code 2012). Mr King consents to the inclusion in this Presentation of the matters based on the information in the form and context in which it appears in this Presentation. Mr King consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. The Company confirms there have been no material changes to exploration results since first reported in accordance with Listing Rule 5.7



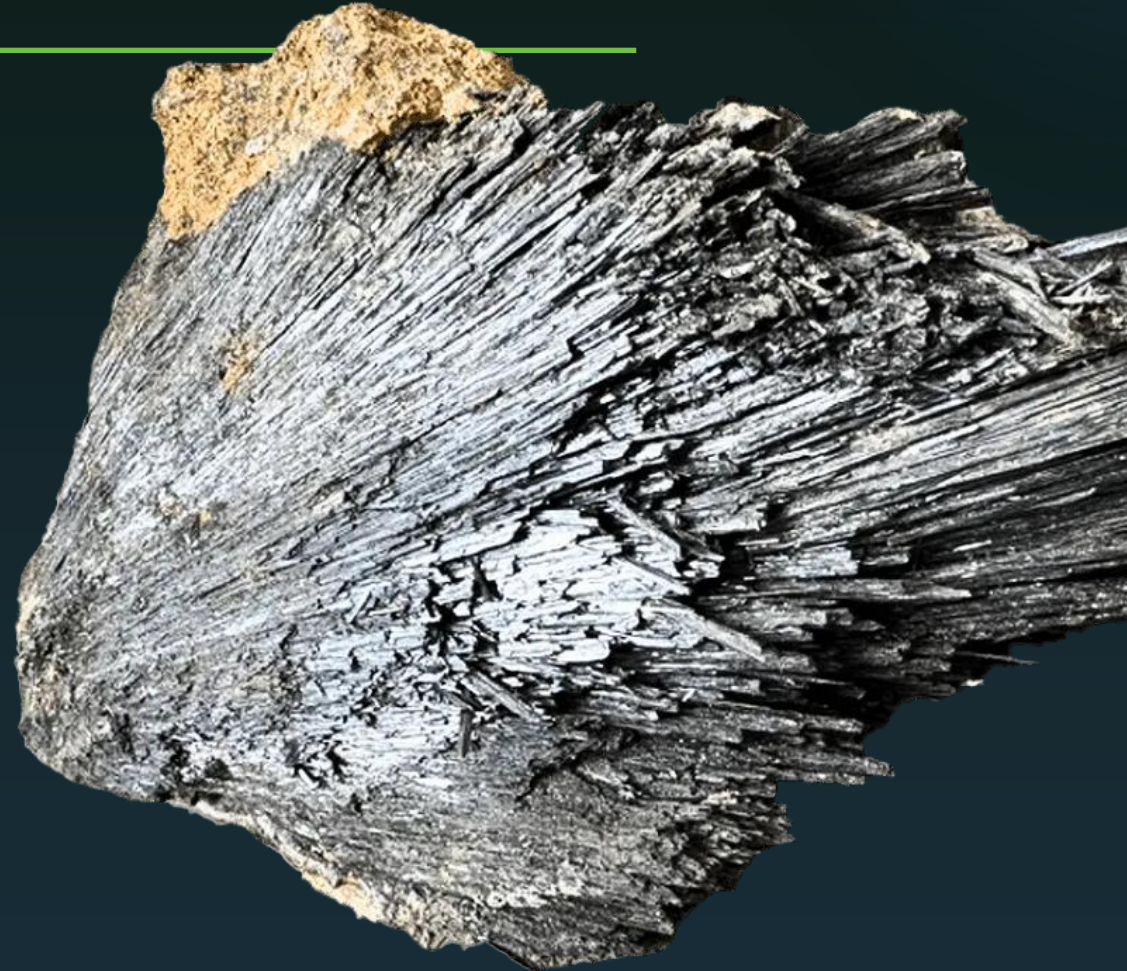
# ABOUT TRIGG

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## // TRIGG MINERALS LIMITED

(ASX: TMG OTCQB: TMGLF)

- ▶ We are an Antimony developer in NSW Australia
- ▶ Focused on our 100% owned - Achilles Antimony Project: Wild Cattle Creek deposit, Australia's highest-grade undeveloped antimony resource.
- ▶ Other Key Assets: Taylors Arm and Spartan Antimony Projects, both showing significant high-grade mineralisation.



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# CORPORATE OVERVIEW

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## CAPITAL STRUCTURE

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**TMG**

ASX Code

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**923.8m**

Shares on issue

(as at 20/02/25)

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**\$30m**

Market Cap at 3.2¢

(as at 20/02/25)

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**\$6.4m**

Cash at bank

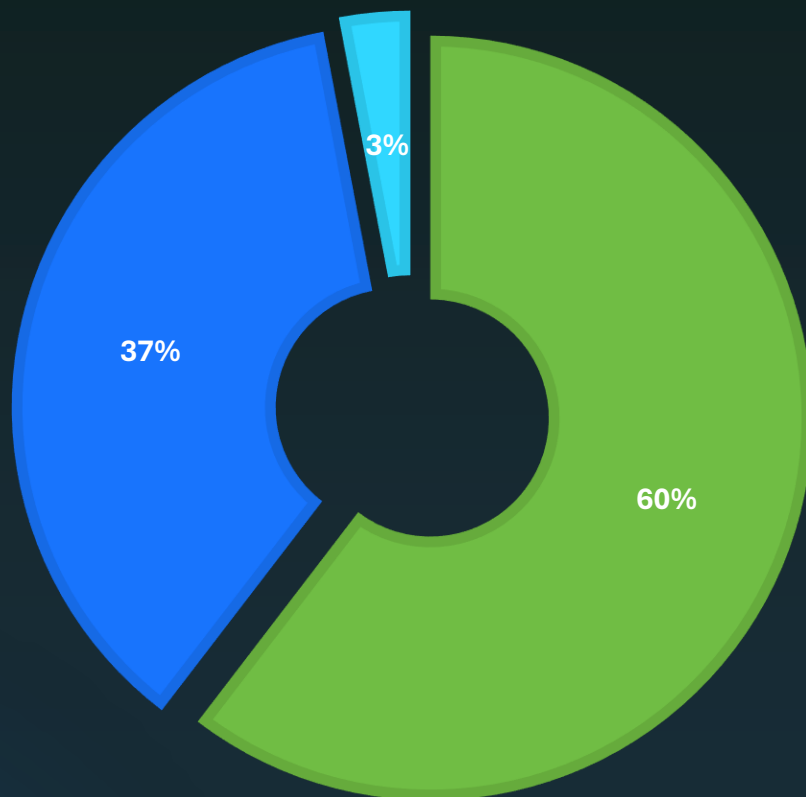
(as at 31/12/24)



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## OWNERSHIP%

■ Other   ■ Top 20   ■ Board



## SHARE PRICE PERFORMANCE

(as at 20/02/25)



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# ANTIMONY

## // RAPIDLY GROWING DEMAND

### 📌 Rarest Critical Mineral

- Sb Unique in application (Critical, Strategic and Industrial)
- No major stand alone mines globally outside China

### 📌 Critical applications:

- Annual growth in demand for Solar panels is 10% year on year.

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# ANTIMONY

## // RAPIDLY GROWING DEMAND

### 📌 Strategic applications:

- Conflict consumption increased to 9.4% annual global production<sup>2</sup>
- Used for ammunition/ artillery shells<sup>2</sup> (2kt Israel 12kt Ukraine/Russian)
- High end military applications<sup>2</sup> (night vision goggles, fighter jet)

### 📌 Industrial applications:

- Flame retardant in household appliances and plastics<sup>1</sup>

<sup>1</sup> Grandview Research: Antimony Market Size, Share & Trends Analysis Report By Type (Trioxides, Alloys), By Application (Flame Retardants, Lead Acid Batteries, Chemicals), By Region, And Segment Forecasts, 2024 – 2030.

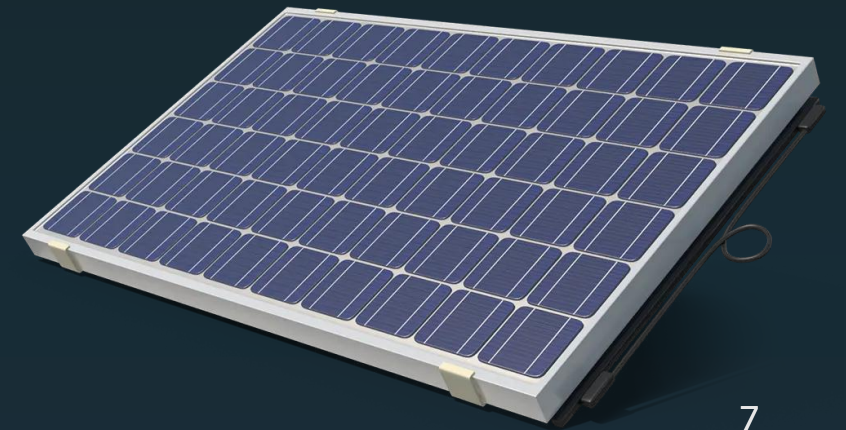
<sup>2</sup> Geoscience Australia - <https://www.ga.gov.au/scientific-topics/minerals/mineral-resources-and-advice/australian-resource-reviews/antimony#:~:text=Antimony%20features%20highly%20on%20the,and%20the%20European%20Union7>.

6.1%<sup>1</sup>

Global Market CAGR  
2024-2030

\$2.2B<sup>1</sup>

Global Market Size  
2023





# ANTIMONY

## // SUPPLY SIDE DISRUPTION

### CHINESE TIGHTENS GRIP ON STRATEGIC RESOURCE:

- Chinese axis 83% production and 55% of resources globally
- Russian sanctions and war use limits Western access
- China banned exports to first in Sept and extends in Dec 24
- Depletion of strategic global stockpiles across Russia, NATO, US Israel

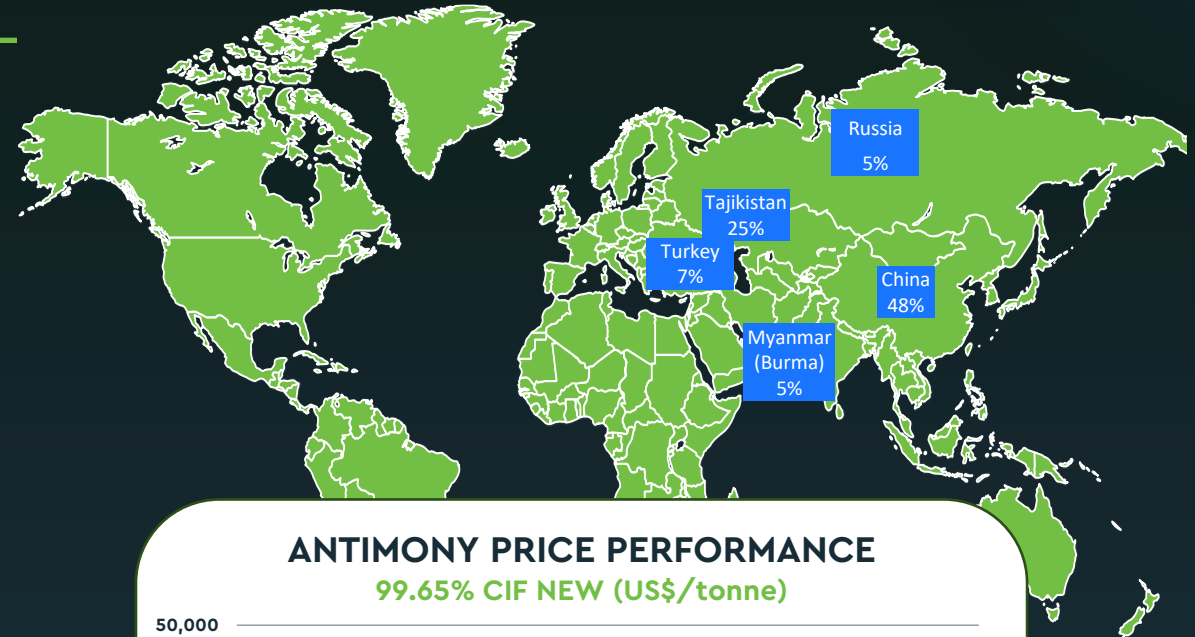
### SUPPLY SIDE SHOCKS

- Dislocated supply
  - Sanctions against Russian production
  - Export restrictions and ban to US from China

Trigg Minerals will provide a new source of material to support the renaissance of US production and industry

Data via Blue Ocean Equities Antimony Macro Note (13 Jan 2025)  
<https://www.mining.com/web/china-to-limit-antimony-exports-in-latest-critical-mineral-curbs/>

## TOP ANTIMONY PRODUCERS WORLDWIDE<sup>1</sup>



### ANTIMONY PRICE PERFORMANCE

99.65% CIF NEW (US\$/tonne)



Source: <sup>1</sup>Shanghai Metals Market



# ANTIMONY PORTFOLIO

## LOCATED IN WORLD CLASS JURISDICTION

**All key projects are within the New England Orogen in Northern New South Wales.**

Intrusion-related gold, intrusive-related tin-tungsten and orogenic gold-antimony mineral systems with known metal endowment (production and identified resources) are related to geological features that are widely distributed in the NEO (the New England Batholith and the extensive fault systems).

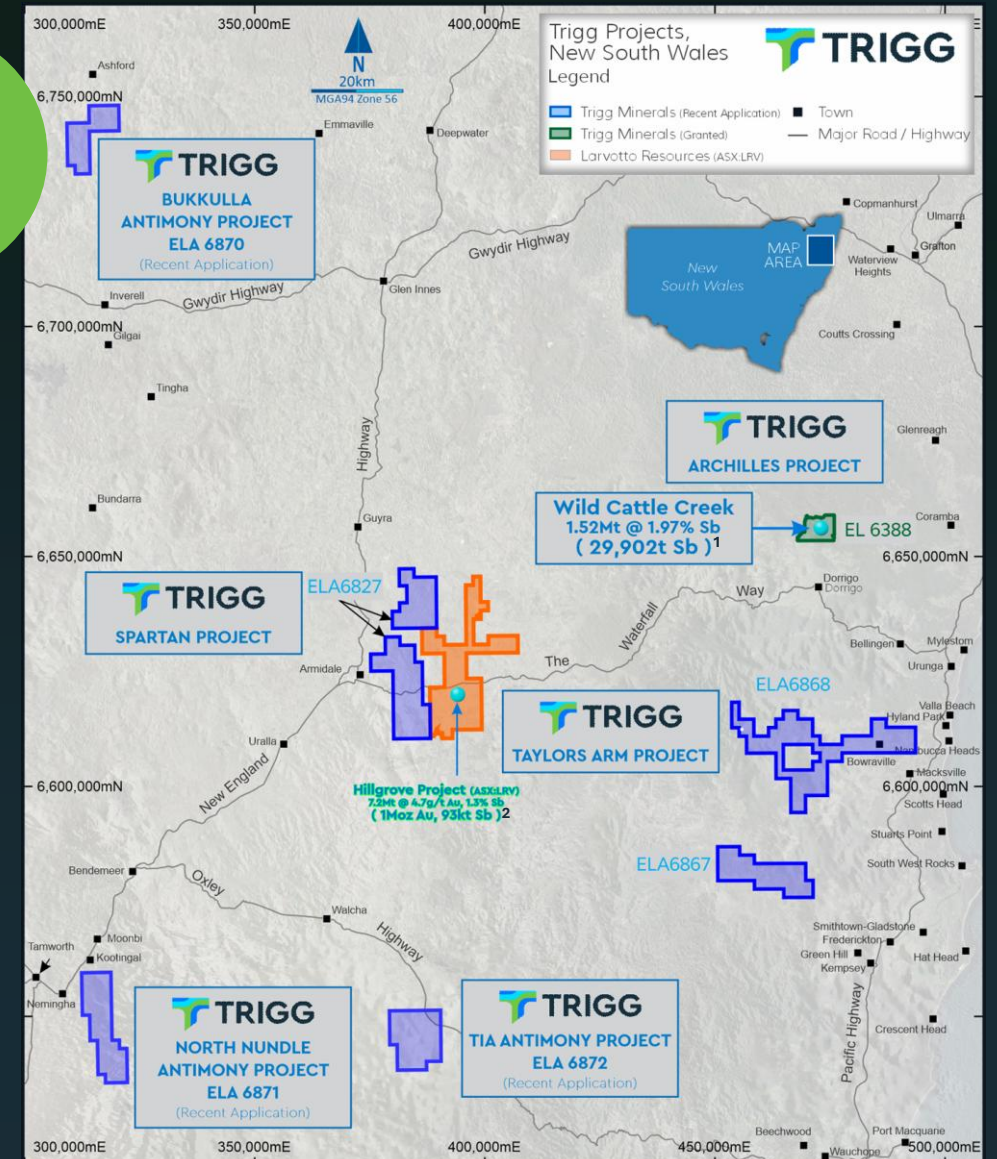
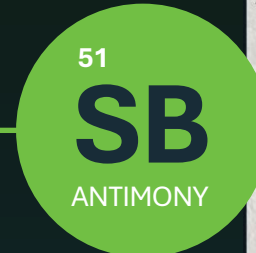
Located adjacent to Larvotto Resources' Hillgrove Antimony-Gold Operation, Australia's largest known antimony deposit

Our flagship project listed on Federal Gov Critical Minerals list

NSW Gov co-investing in exploration to reduce risk of initial stages and exploration.

\$250 million in deferred royalty scheme for new critical minerals projects supports investment and incentivizes projects to advance into production.

Location in a proven mineral field with excellent infrastructure



1. See ASX: TMG 19 December 2024 – Indicated: 0.96 Mt @ 2.02% Sb; Inferred: 0.56 Mt @ 1.88% Sb.  
2. See ASX: LRV 5 August 2024 - Measured & Indicated: 4.43 Mt @ 4.7 g/t Au & 1.5% Sb - Inferred: 2.84 Mt @ 4.0 g/t Au & 0.9% Sb.

# ACHILLES PROJECT

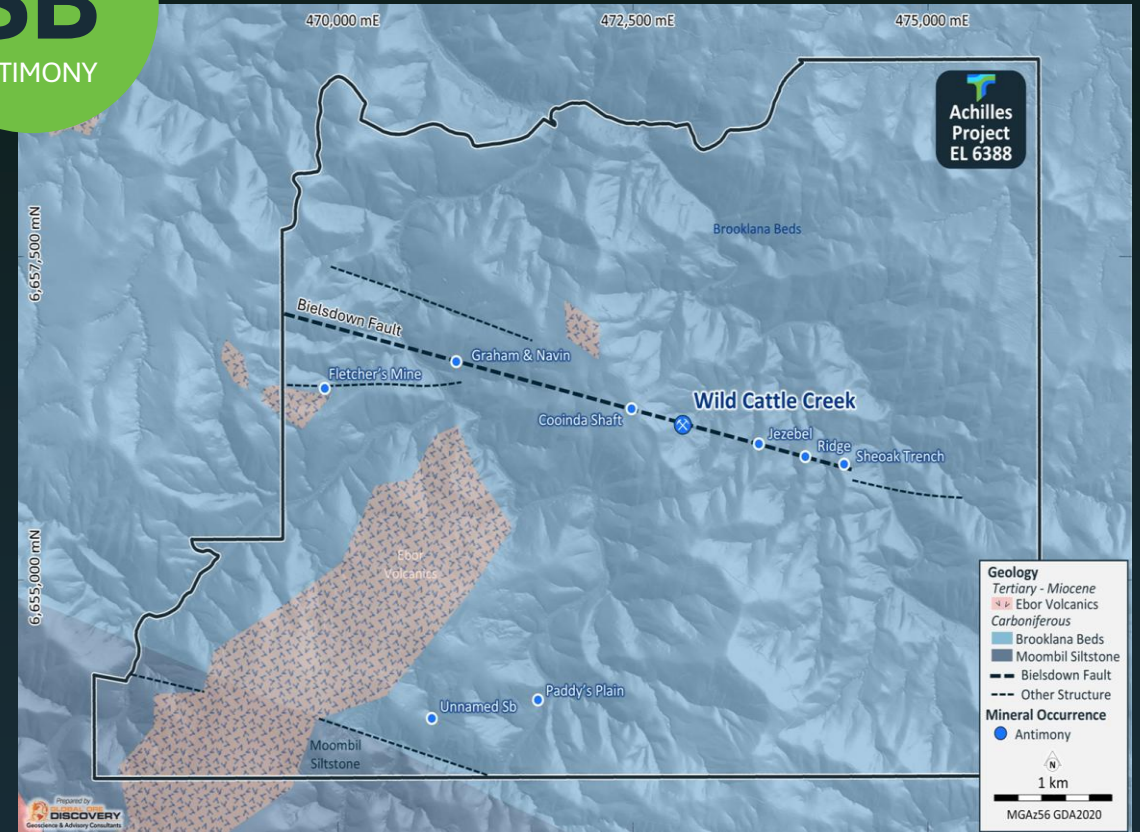
## // WILD CATTLE CREEK

Flagship Project Wild Cattle Creek antimony deposit,  
Australia's highest-grade undeveloped antimony resource.<sup>1</sup>

HSC 2024 Resource		1% Sb Cut-off	
Category	Mt	Sb %	Sb Kt
Indicated	0.96	2.02	19.4
Inferred	0.56	1.88	10.5
<b>Total</b>	<b>1.52</b>	<b>1.97</b>	<b>29.9</b>

Captures ~6km mineralised length of the underexplored Bielsdown Fault.

Six confirmed historical regional targets, with only one drilled, Jezebel DDH36 (1.3m @ 11.8% Sb<sup>2</sup>)



Achilles Antimony Project (EL 6388) - tenement.

<sup>1</sup> Refer to ASX announcement on 19 December 2024.

<sup>2</sup> Refer to ASX announcement on 30 September 2024.

# ACHILLES PROJECT

## // WILD CATTLE CREEK

### RESOURCE SUMMARY<sup>1</sup>

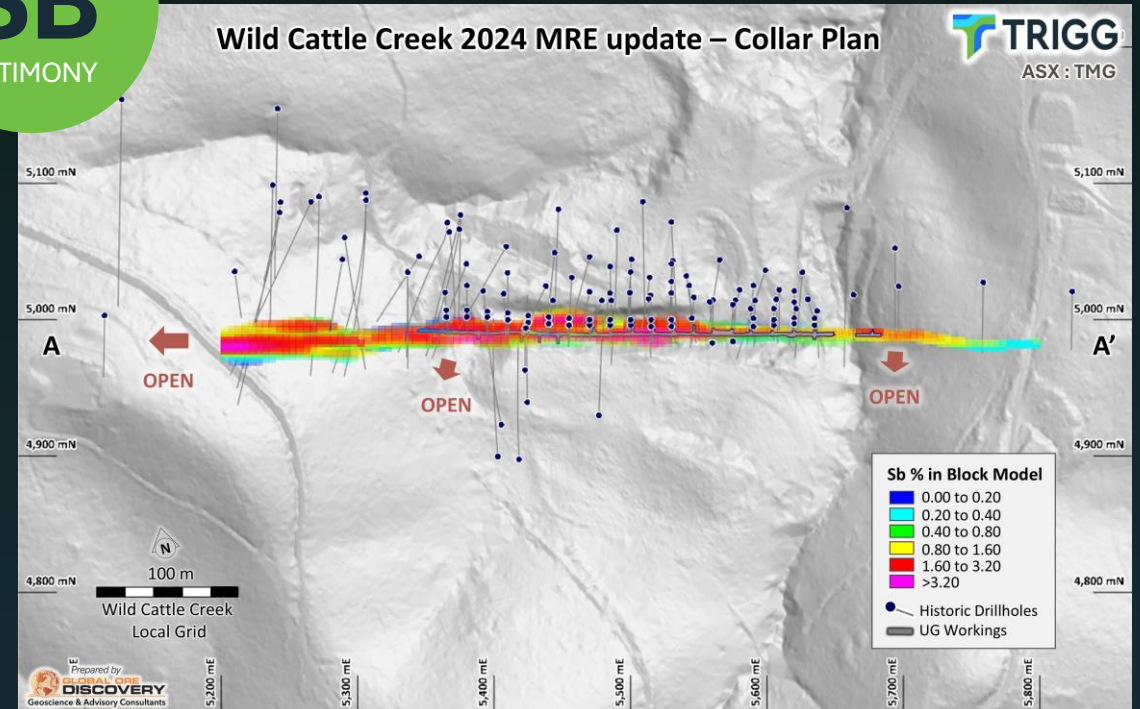
- Mineralisation is contained within a **silicified breccia** core hosted by a sub-vertical fault breccia with adjacent metasedimentary rocks
- The deposit is **exposed at the surface** for over 300 metres.
- The high-grade core (>2% Sb) **extends 350 m downplunge** (200 m vertical) and averages 20m in thickness
- The deposit is enriched in **antimony, tungsten, and gold**
- Gold system** underlying the antimony resource
- Excellent potential for expansion** - mineralisation remains open down plunge, down dip and to the west

<sup>1</sup> Refer to ASX announcement on 19 December 2024.

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# ACHILLES PROJECT

## // WILD CATTLE CREEK

### RESOURCE EXPANSION

- Resource utilised a **cutoff grade of 1% Sb**, which is now economic.
- MRE considered the high-grade cemented and incohesive breccia. A further updated MRE will include the enclosing tungsten-antimony stockwork and **disseminated antimony rosettes**.
- The average width of the resource expands from 5m **to over 15m**, enabling the use of more cost-effective bulk mining methods.
- Other pay metals, such as **gold and tungsten** will be considered
- High potential for lode repetition** along the 6 km length of the Bielsdown Fault.

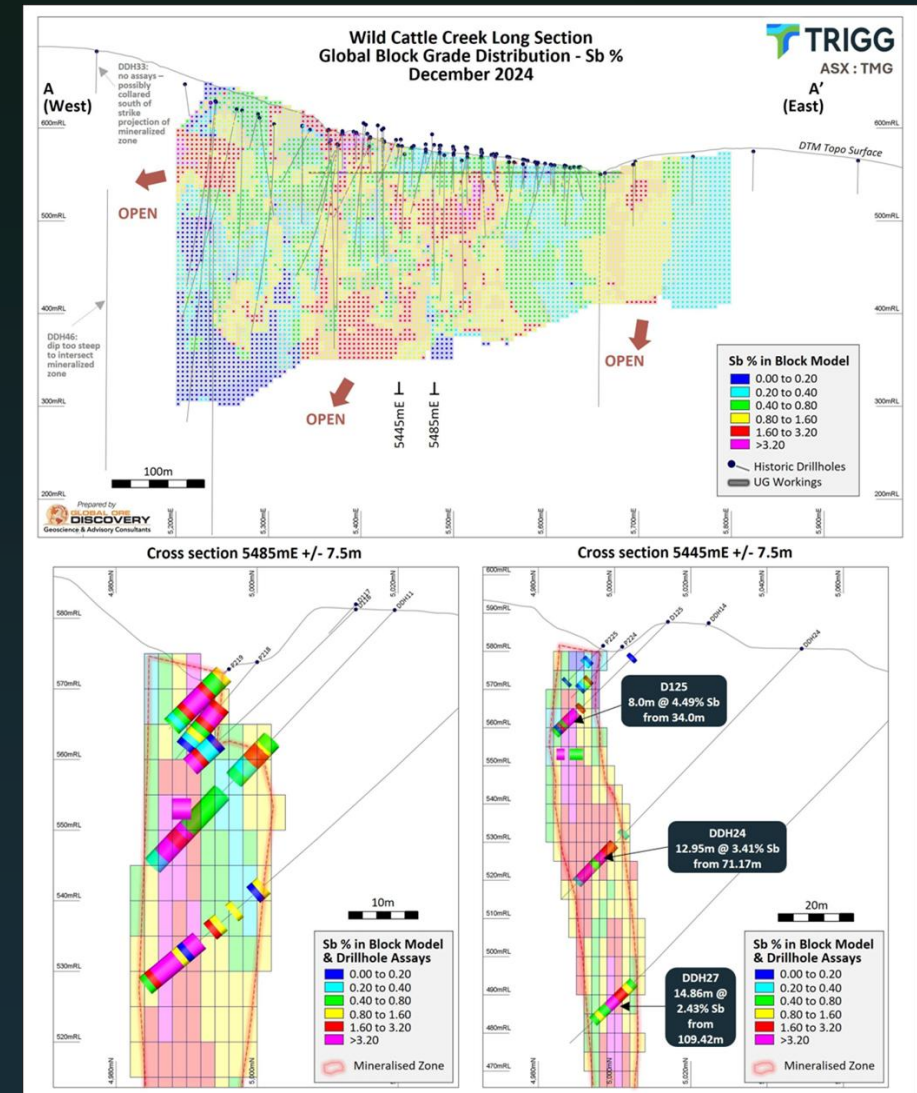
Source: <https://www.ga.gov.au/scientific-topics/minerals/mineral-resources-and-advice/australian-resource-reviews/antimony>

<sup>2</sup> Refer to ASX announcemnt on 19 December 2024.

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Antimony block model in long and cross-section.

# ACHILLES PROJECT

// WILD CATTLE CREEK



## REGIONAL TARGETS

Six confirmed **historical regional targets**.

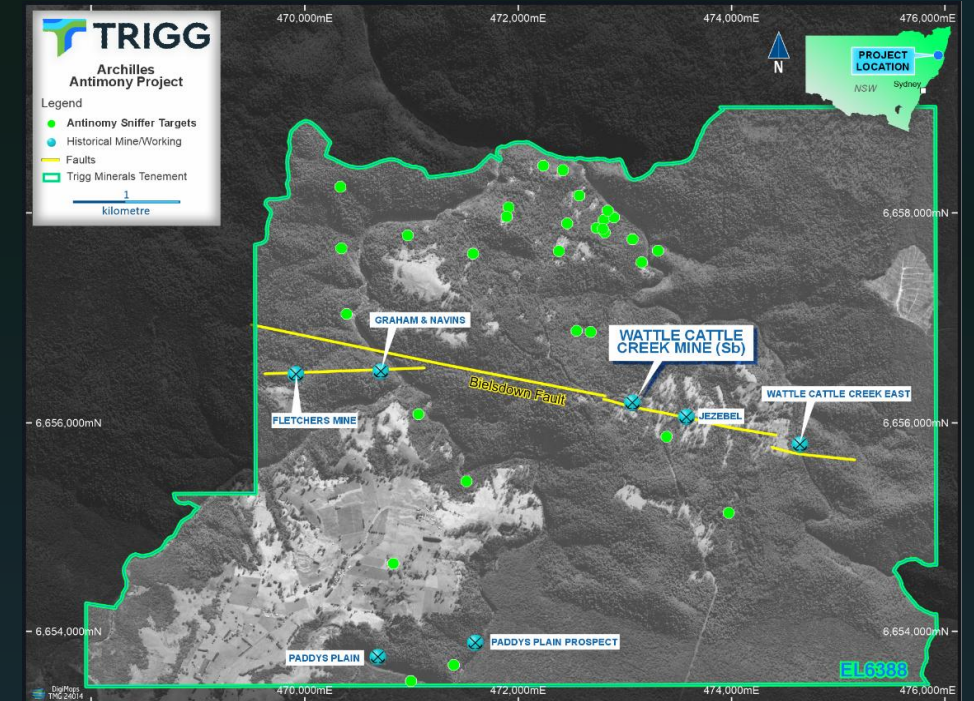
Highlights of the rock chip sampling<sup>2</sup> include:

Location	East m	North m	Sb %	Au g/t	As %	W ppm
WCC 200m east	473345	6656104	<b>7.55</b>	0.19	1.19	10
Jezebel	473549	6656053	<b>6.00</b>	0.76	0.14	0.37%
Jezebel	473556	6656045	<b>2.74</b>	0.17	0.95	10
Fletcher's mine	469931	6656476	<b>8.22</b>	0.06	0.05	<10
Fletcher's mine	469931	6656476	<b>4.40</b>	0.09	0.10	<10

<sup>1</sup> Refer to ASX announcement on 30 September 2024.

<sup>2</sup> Refer to ASX announcement on 8 October 2024.

<sup>3</sup> Refer to ASX announcement on 4 November 2024.



Mercury and Methane gas targets across the Achilles Project and its known prospects.

Jezebel preliminary drill testing DDH36 produced **1.3m @ 11.8% Sb<sup>1</sup>**, underscoring significant exploration potential.

Mercury, as a native metal and cinnabar, is associated with WCC. Detectable mercury vapour is released environmentally from the rocks hosting mercury. **Mercury = Stibnite mineralisation<sup>3</sup>.**

**Thirty** regional mercury vapour targets delineated

# TAYLORS ARMS AND SPARTAN

## // ANTIMONY PROJECT

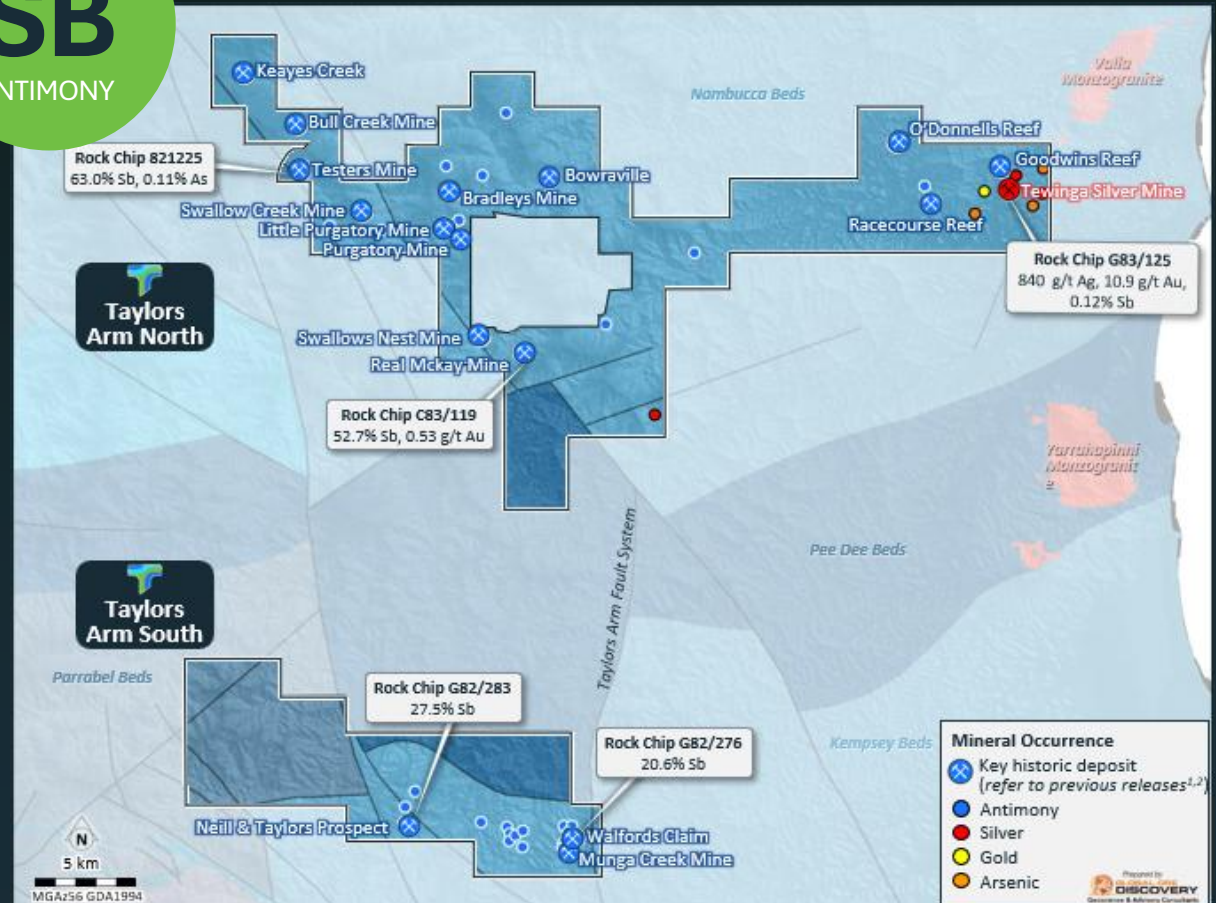
### TAYLORS ARMS

- 88 historical workings across seven mining camps; 6 for antimony with antimony grades exceeding 25%, and many samples showing more than 50% Sb.
- Testers Mine features antimony grades up to 63% Sb, the highest recorded in Australia.
- Gold grades exceeding 24 g/t increase northwards.
- The 1200m long Tewinga Silver Mine features grades exceeding 840 g/t Ag.

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<sup>1</sup> For full results on the above please refer to ASX announcements on 20 September 2024 and 23 October 2024.



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1. For full results on the above please refer to ASX announcements on 20 & 24 September 2024.



# TAYLORS ARMS AND SPARTAN

## // ANTIMONY PROJECT

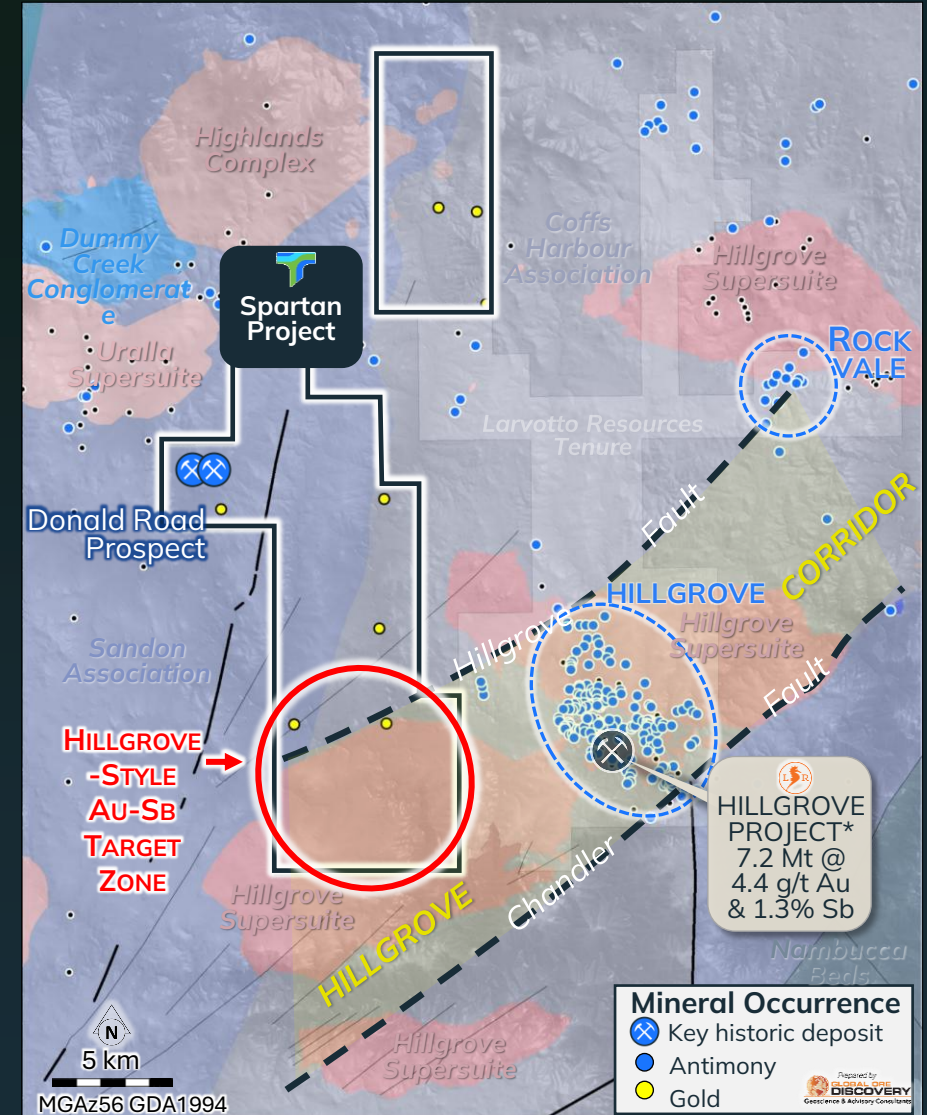
### SPARTAN

- Located adjacent to Larvotto Resources' Hillgrove Antimony-Gold Operation, Australia's largest known antimony deposit.
- Encompasses part of the mineralised Hillgrove Fault, containing significant antimony and gold resources with potential for high-grade antimony and polymetallic mineralisation.

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<sup>1</sup> Refer to ASX announcements on 20 and 24 September 2024.

# OUR APPROACH

## TO SUSTAINABILITY



Completing our work in a safe and responsible manner, with health and safety as our number one priority.



Working in collaboration with three different traditional owners across all of Trigg Minerals' projects. And distributed significant payments to traditional owners.



Fully committed to engaging with local communities and ensuring all fieldwork is conducted with the highest environmental best practice standards.



Successfully rehabilitated previous project areas returning affected sites to pre-activity condition.



Trigg recognises the importance of building strong, respectful relationships with stakeholders and will prioritise transparent communication, collaboration, and sustainable development.





High-Grade growing resource in world leading jurisdiction



Large footprint in global prolific Antimony region



Price discovery going to continue as supply/demand dynamics play out



Secure Sovereign Supply is Sustainability



Multiple avenues to expand resource





## CONTACT US

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