

SOUTHERN CROSS
GOLD

Victorian Critical Minerals Showcase

One of the most critical metals you may never have heard of
Yet the second most important metal in Victoria



Michael Hudson, Managing Director, 09 May 2023



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Competent Person Statement

Information in this presentation that relates to new exploration results contained in this report is based on information compiled by Michael Hudson, a Fellow of the Australasian Institute of Mining and Metallurgy. He is MD for Southern Cross Gold Ltd. He has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration and to the activity being 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 (the JORC Code). Michael Hudson has consented to the inclusion in this report of the matters based on this information in the form and context in which it appears. Certain information in this announcement that relates to prior exploration results is extracted from the Independent Geologist’s Report dated 16 March 2022 which was issued with the consent of the Competent Person, Mr Terry C. Lees. The report is included the Company’s prospectus dated 17 March 2022 which was released as an announcement to ASX on 12 May 2022 and is available at www2.asx.com.au under code “SXG”. The Company confirms that it is not aware of any new information or data that materially affects the information related to exploration results included in the original market announcement. The Company confirms that the form and context of the Competent Persons’ findings in relation to the report have not been materially modified from the original market announcement.



Antimony from Greek “anti,” meaning not, and “monos,” meaning alone

- Historically and economically, antimony is the second most important metallic commodity in Victoria, after gold.
- Antimony gets its “Sb” chemical symbol from the Latin word stibium, reflecting its most common mineral occurrence as stibnite.
- In the Middle Ages, antimony was used as a “recyclable” laxative. It was swallowed in the form of a pea-sized pill and could be reused after passing through the digestive system.



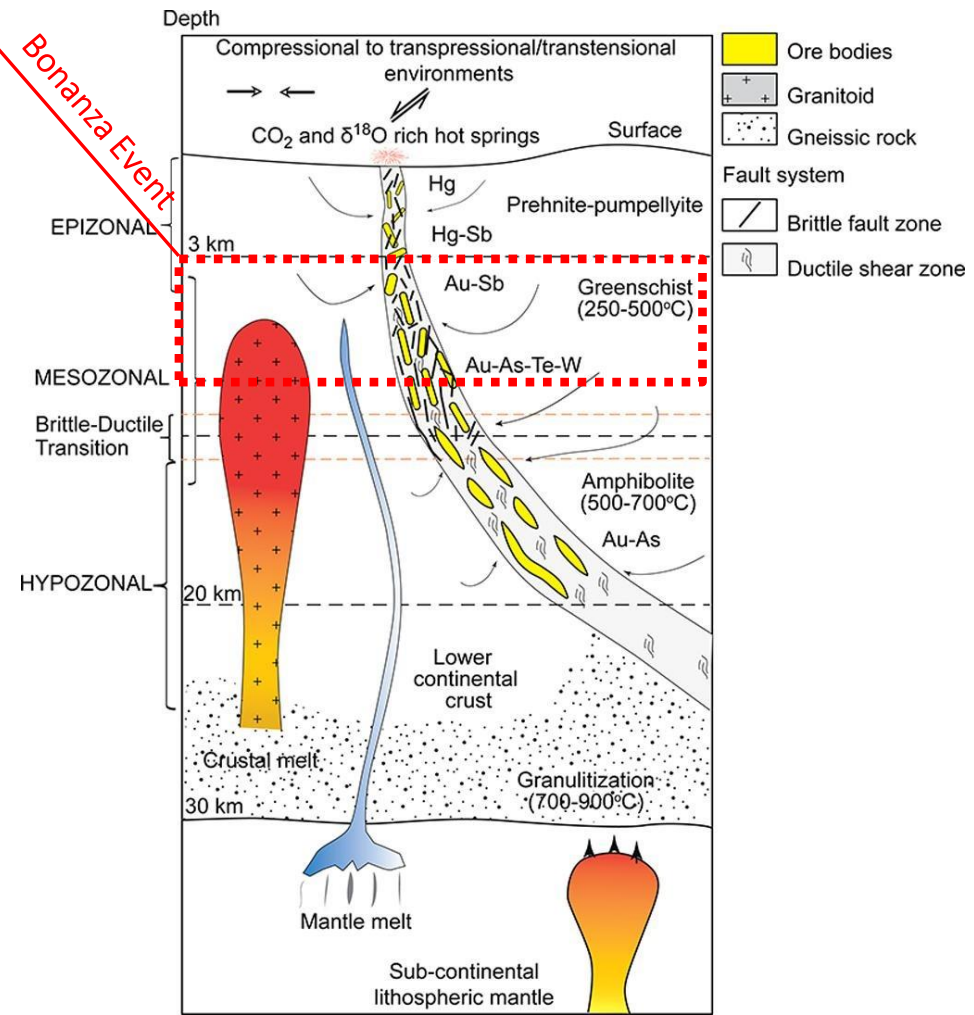
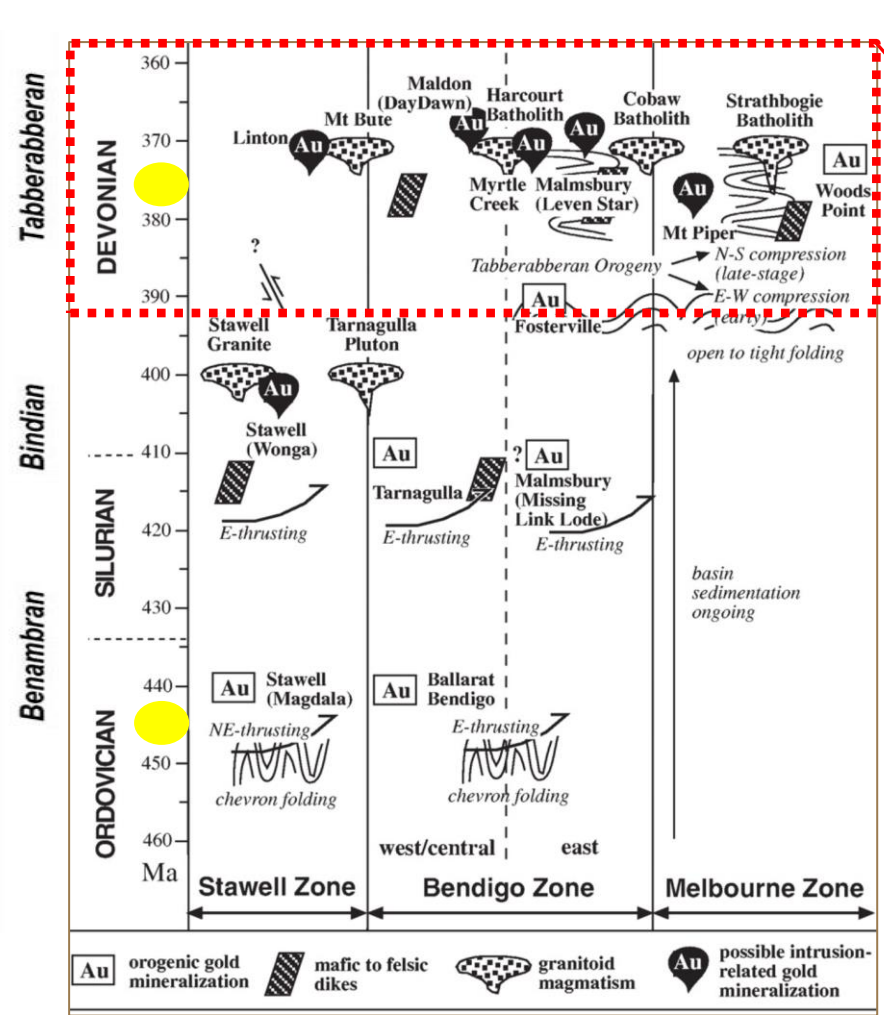
- **Recognise the connection: a secure supply of critical metals is essential for the energy transition.**
 - You cannot have one without the other!
 - There is a willing and able industry ready and up for the challenge to develop Victoria's critical and strategic projects to meet the highest environmental and social standards.
- **We need a Major Projects Facilitation Strategy**
 - Importance of Victoria in meeting the National Critical Metals Strategic goals in a commercial timeframe (otherwise capital will go elsewhere).



Victoria Matters and Focus on Sb-rich Deposits Will Grow

New
Gold – Antimony
Bonanza

Old
Gold



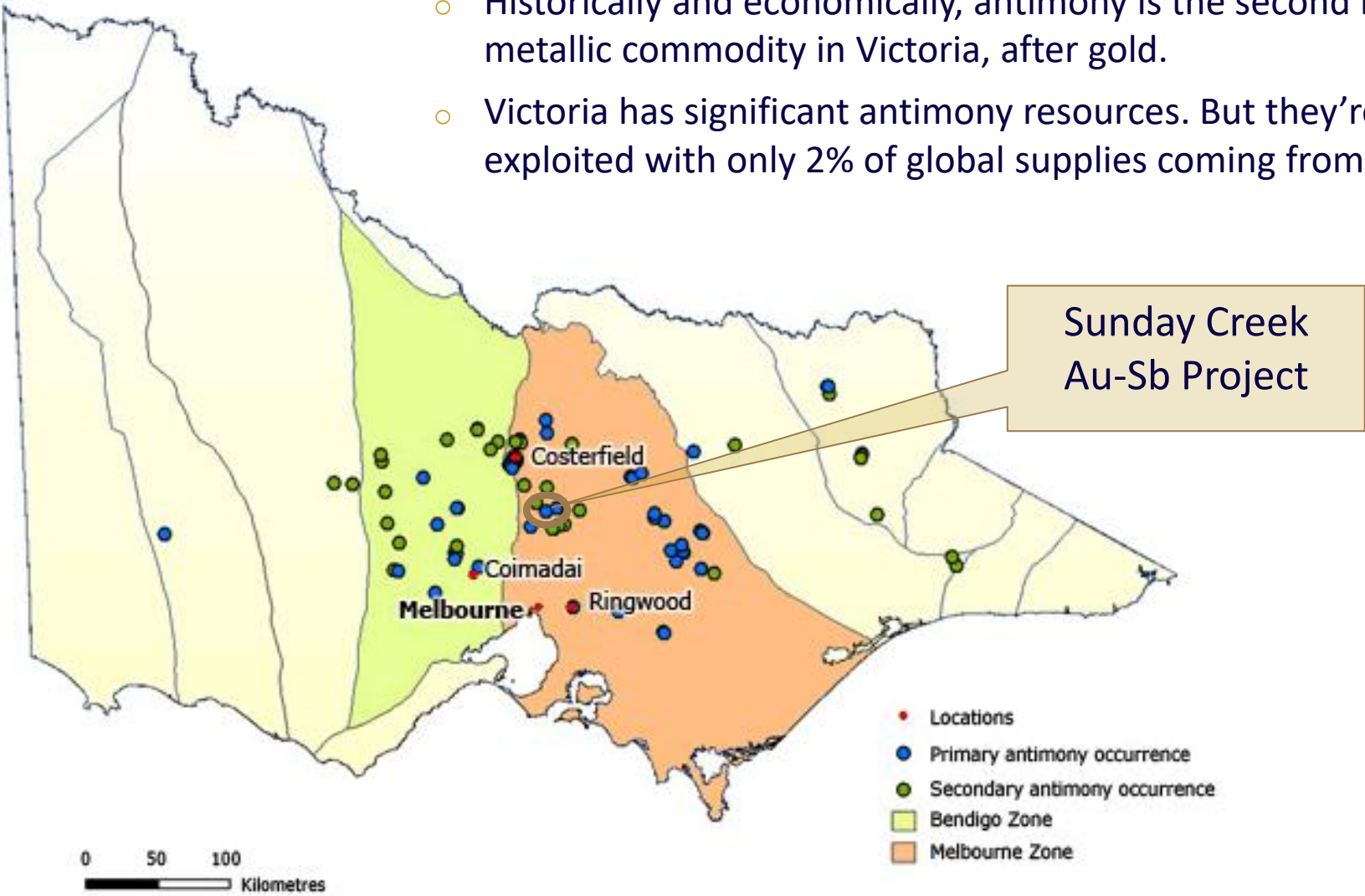
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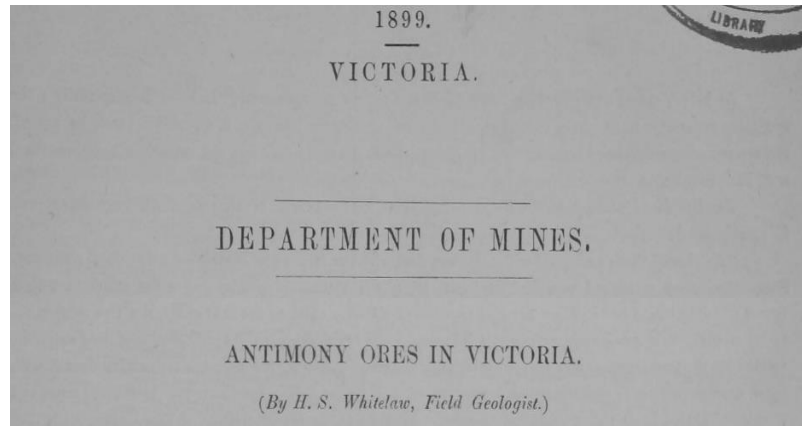


Antimony Deposits In Victoria

- Historically and economically, antimony is the second most important metallic commodity in Victoria, after gold.
- Victoria has significant antimony resources. But they're not being exploited with only 2% of global supplies coming from Australia



Antimony – Yesterday's and Today's Critical Metal



- During the 1870s antimony production increased in Victoria because of the European wars.
- The Victoria gold mining industry practically closed at the onset of WW1
 - Except antimony, mandated by the Imperial Government under the Munitions Act, 1915 to ship concentrates to the St. Helens' Smelting and Refining Company in the UK

The Critical Minerals Institute Identifies the 14 Most Elusive Critical Minerals in the World and Launches New Website

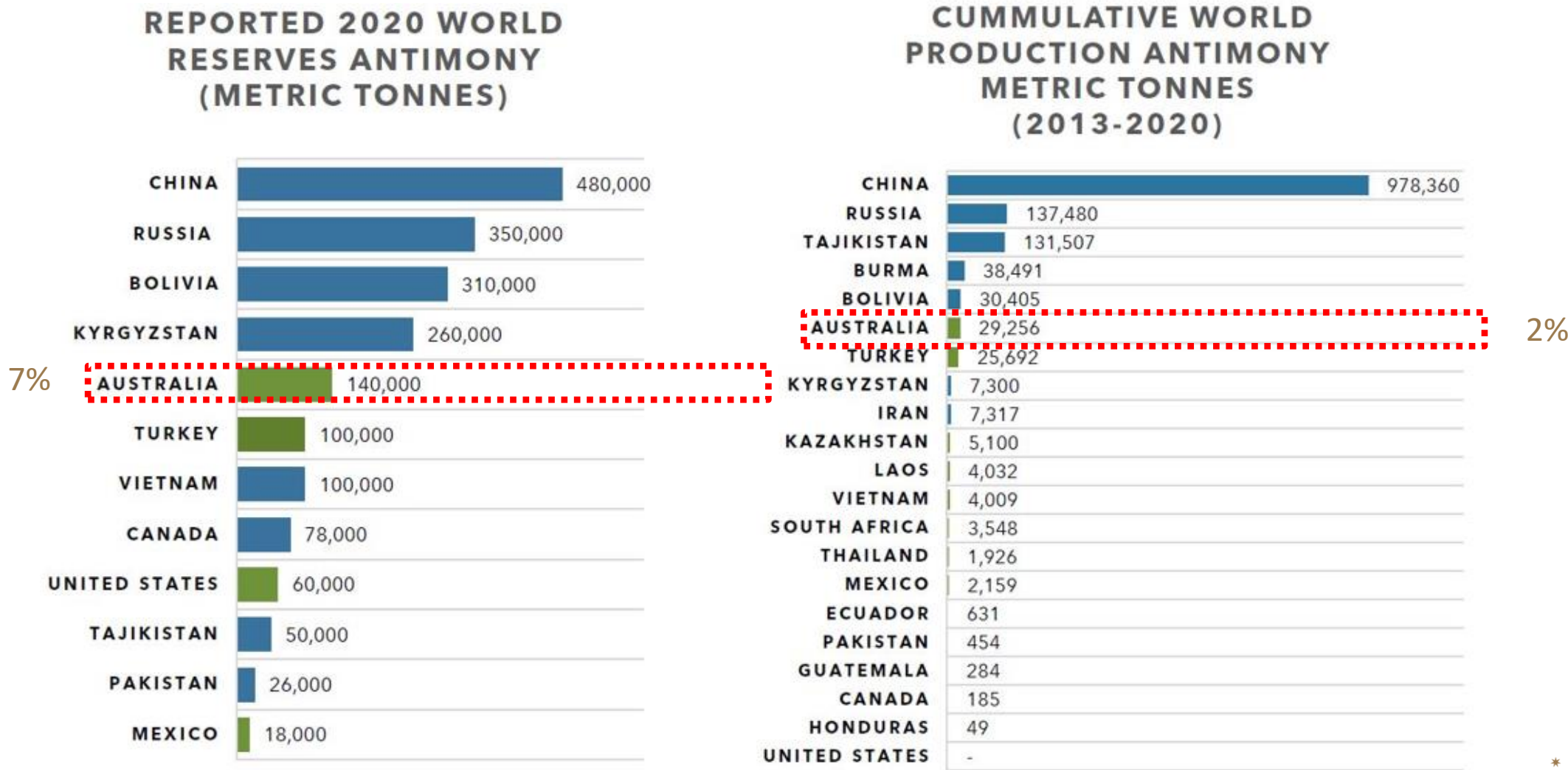
📅 January 18, 2023(<https://criticalmineralsinstitute.com/2023/01/18/>)

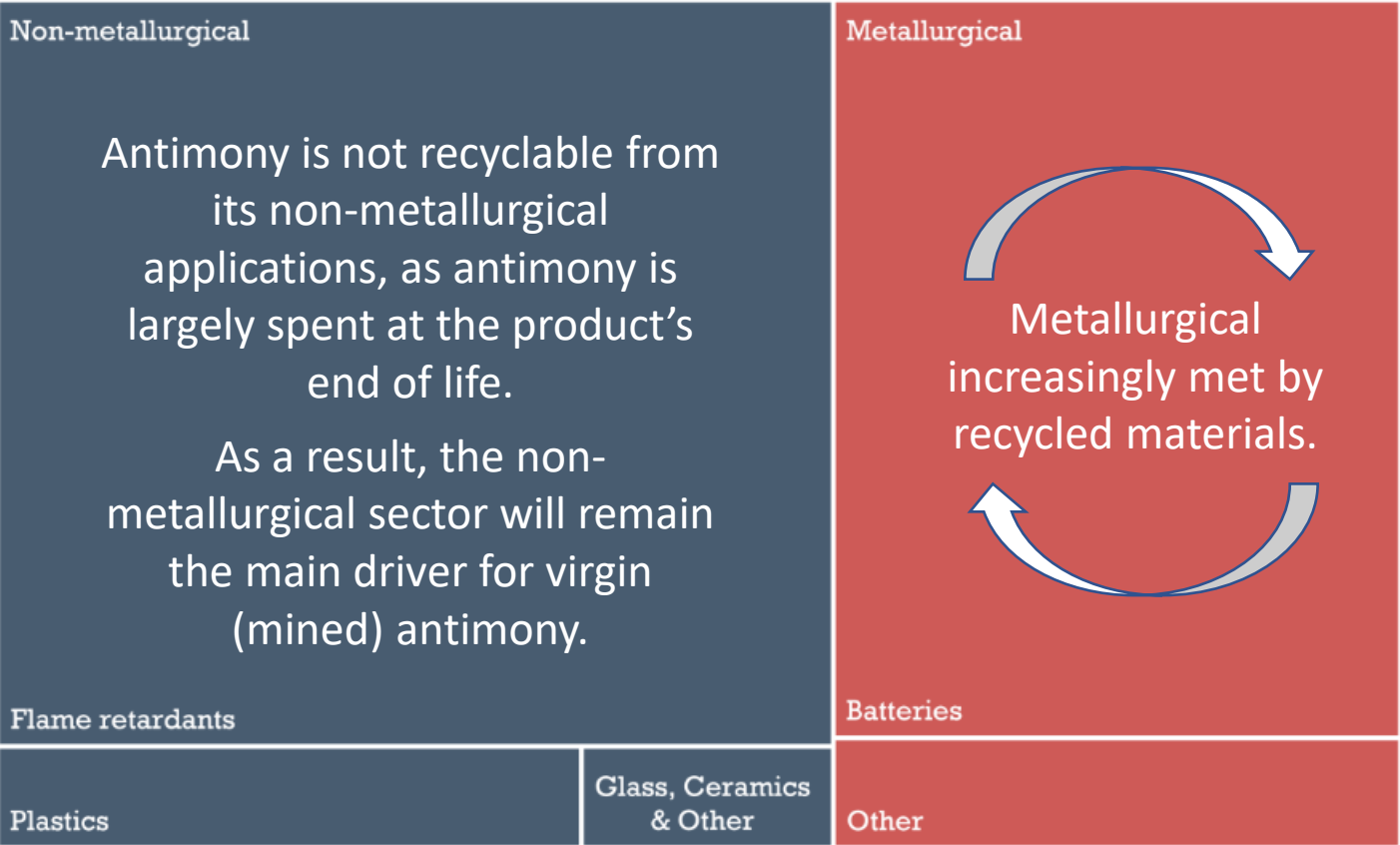
📰 News Releases (<https://criticalmineralsinstitute.com/category/news-releases/>)



1. Antimony (Sb)
2. Bismuth (Bi)
3. Cobalt (Co)
4. Gallium (Ga)
5. Graphite (C)
6. Indium (In)
7. Lithium (Li)
8. Magnesium (Mg)
9. Niobium (Nb)
10. Platinum Group of Metals (PGMs)
11. Rare Earth Elements – Of the 17 REEs, the CMI prioritizes the following 4: Neodymium (Nd), Praseodymium (Pr), Dysprosium (Dy) and Terbium (Tb).
12. Tantalum (Ta)
13. Tungsten (W)
14. Vanadium (V)

Posterchild Industry for Chinese Supply Dominance – 82% China and Russia





Critical and Strategic

- Defence critical
- Semiconductors
- Solar panels
- Battery metal for its role in liquid metal (Sb-Ca Ambri) and Na-ion anode

Source: Blue

Sunday Creek Assays and MinerDeck ASX Top Ten Appearances

- Multiple high-grade veins sets (up to 25 defined to date) within at least 50 m of each other across the project. Each typically:
 - 20 to 40 metres thick
 - 20 to 40 metres strike
 - 300 to 800 metres down dip.
- Average Sunday Creek length weighted assays – **22% antimony contribution**
 - 1.2 m @ 20.4 g/t AuEq (15.8 g/t Au, 2.9% Sb)
22.5% antimony contribution
1 m @ 5.0 g/t Au lower-cut, 198 entries, >3g/t AuEq * m
 - 4.1 m @ 6.4 g/t AuEq (5.0 g/t Au, 0.9% Sb)
21.9% antimony contribution
2 m @ 1.0 g/t Au lower-cut, 229 entries, >3g/t AuEq * m
 - 10.5 m @ 3.1 g/t AuEq (2.5 g/t Au, 0.4% Sb)
21.8% antimony contribution
3 m @ 0.3 g/t Au lower-cut, 202 entries, >3g/t AuEq * m

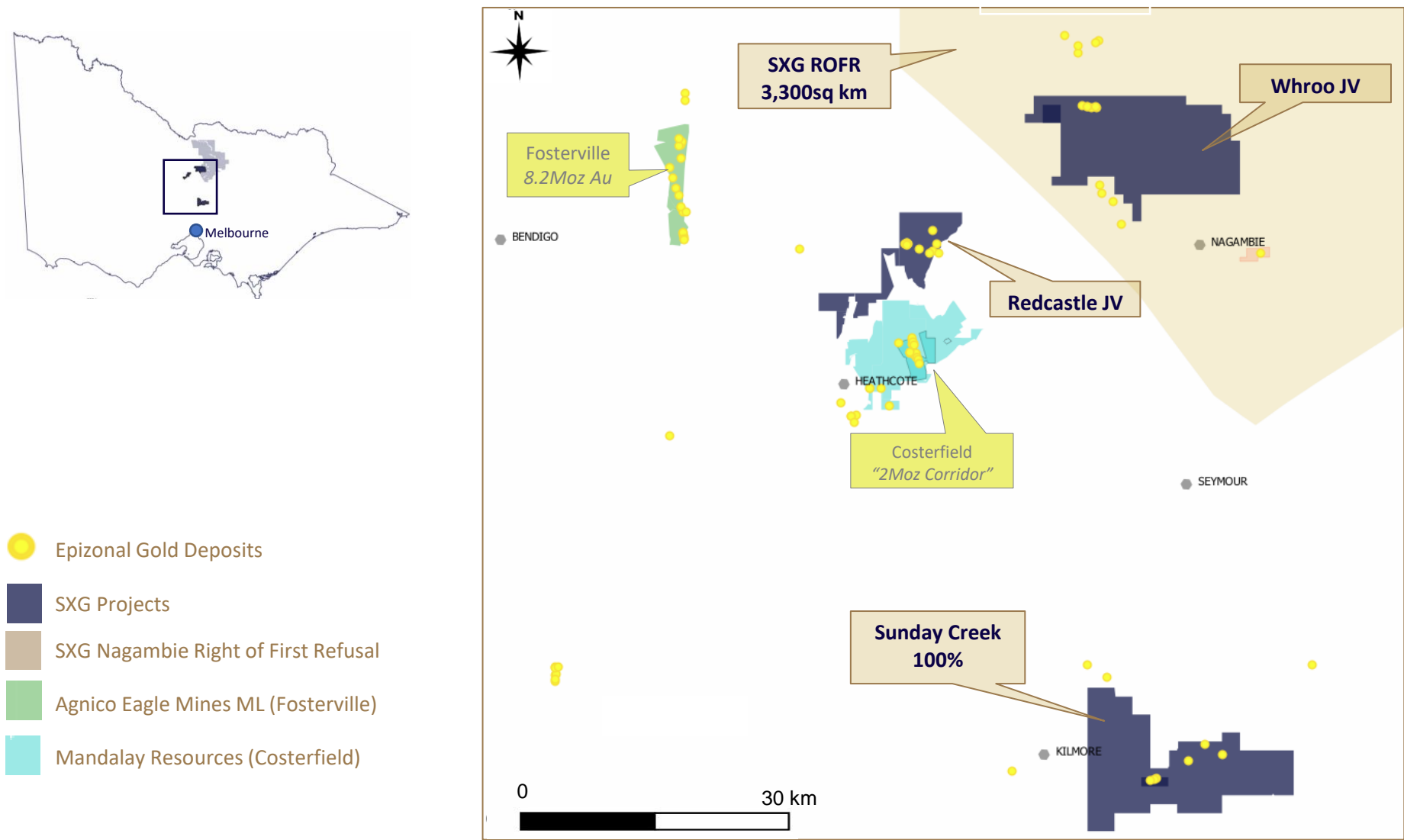
Best
grassroots
discovery
on ASX



Company	Rank
Black Cat Syndicate	17
Southern Cross Gold	13
Great Boulder Resources	12
Odyssey Gold	11
Meeka Metals	11
Challenger Exploration	10
Gascoyne Resources	10
Strickland Metals	9
Alto Metals	9
Tietto Minerals	9

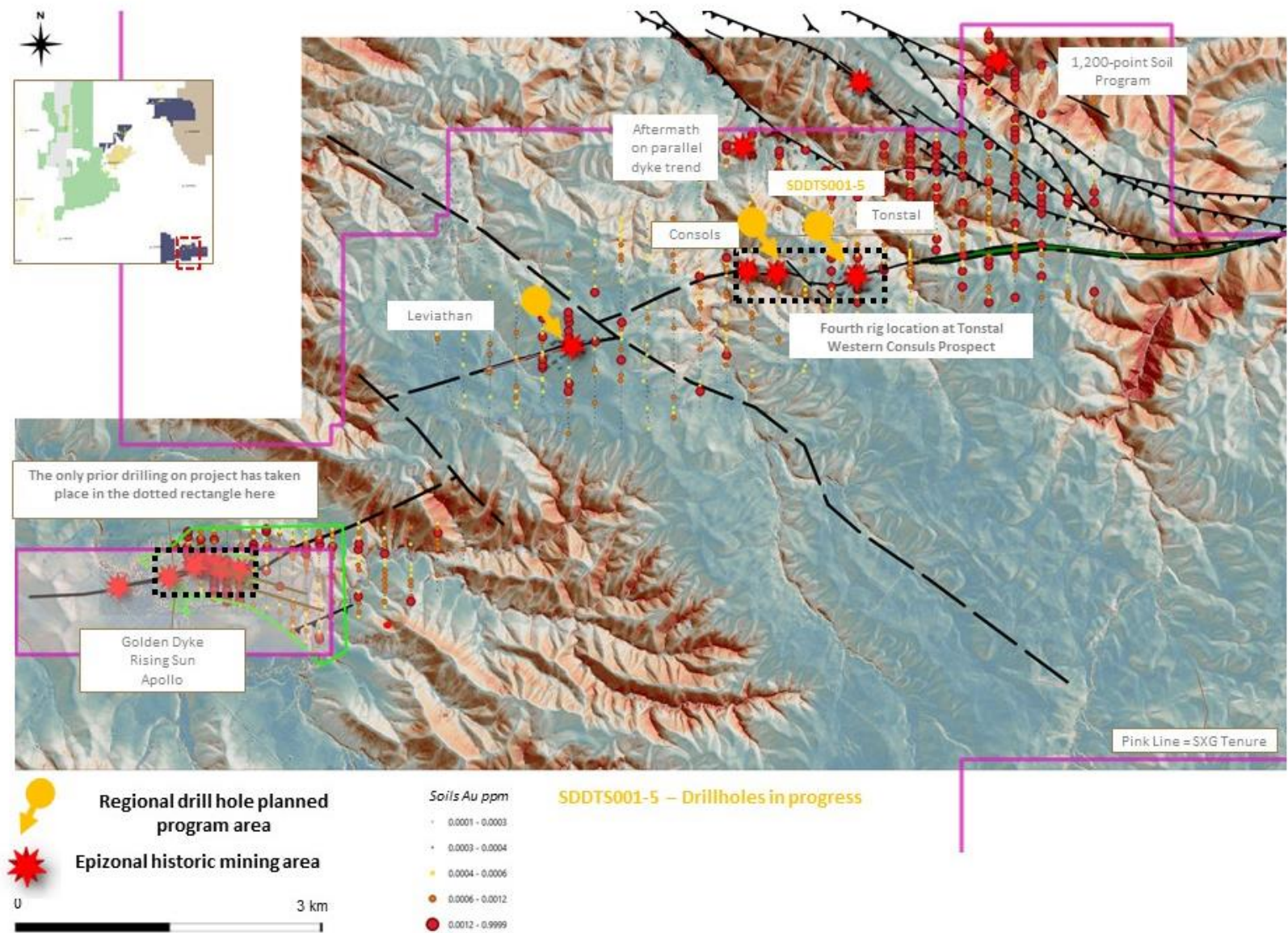
Since SXG IPO 16 May 2022
170 Companies make an appearance

SXG – Controls three of the nine epizonal fields in Victoria





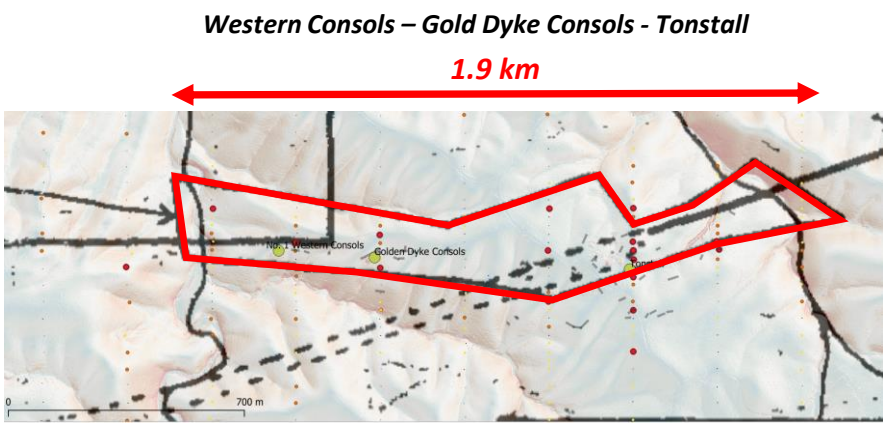
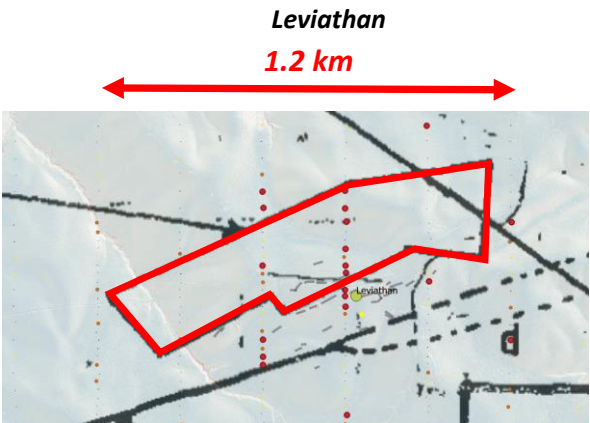
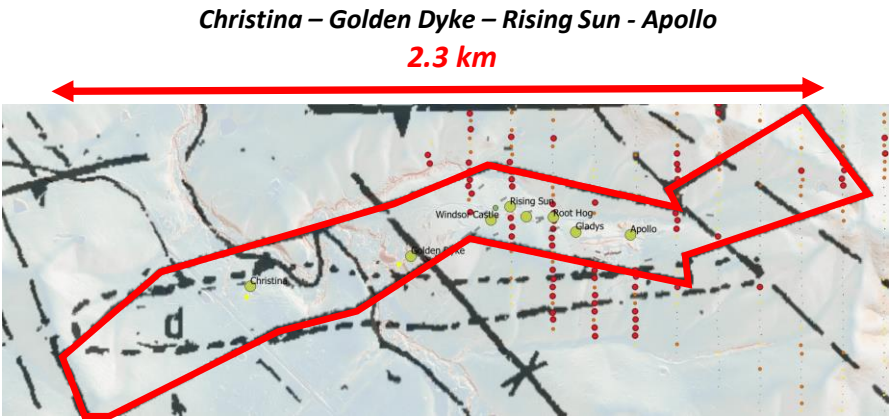
Sunday Creek - 11km Strike Extension undrilled extensions & historic mining



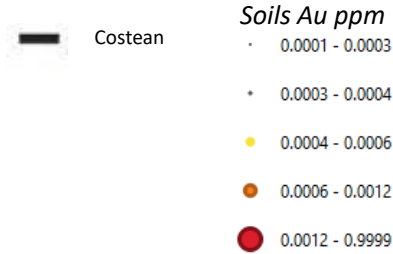


Sunday Creek 10 km trend

LiDAR Footprint & Historic Mining Leases – Only One Drilled

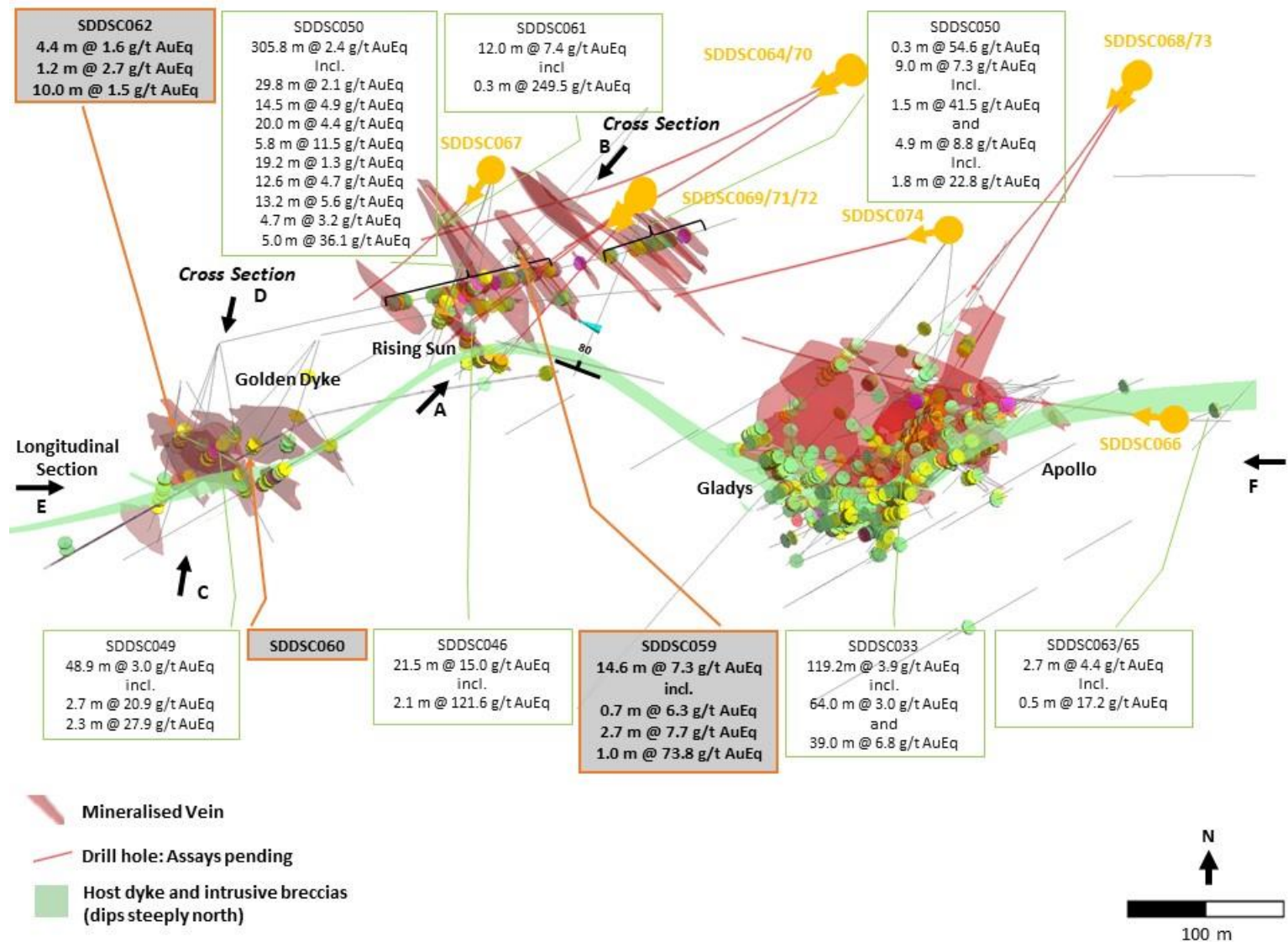


5.4 km strike of historic mining leases
Only 800 m strike been drilled to date



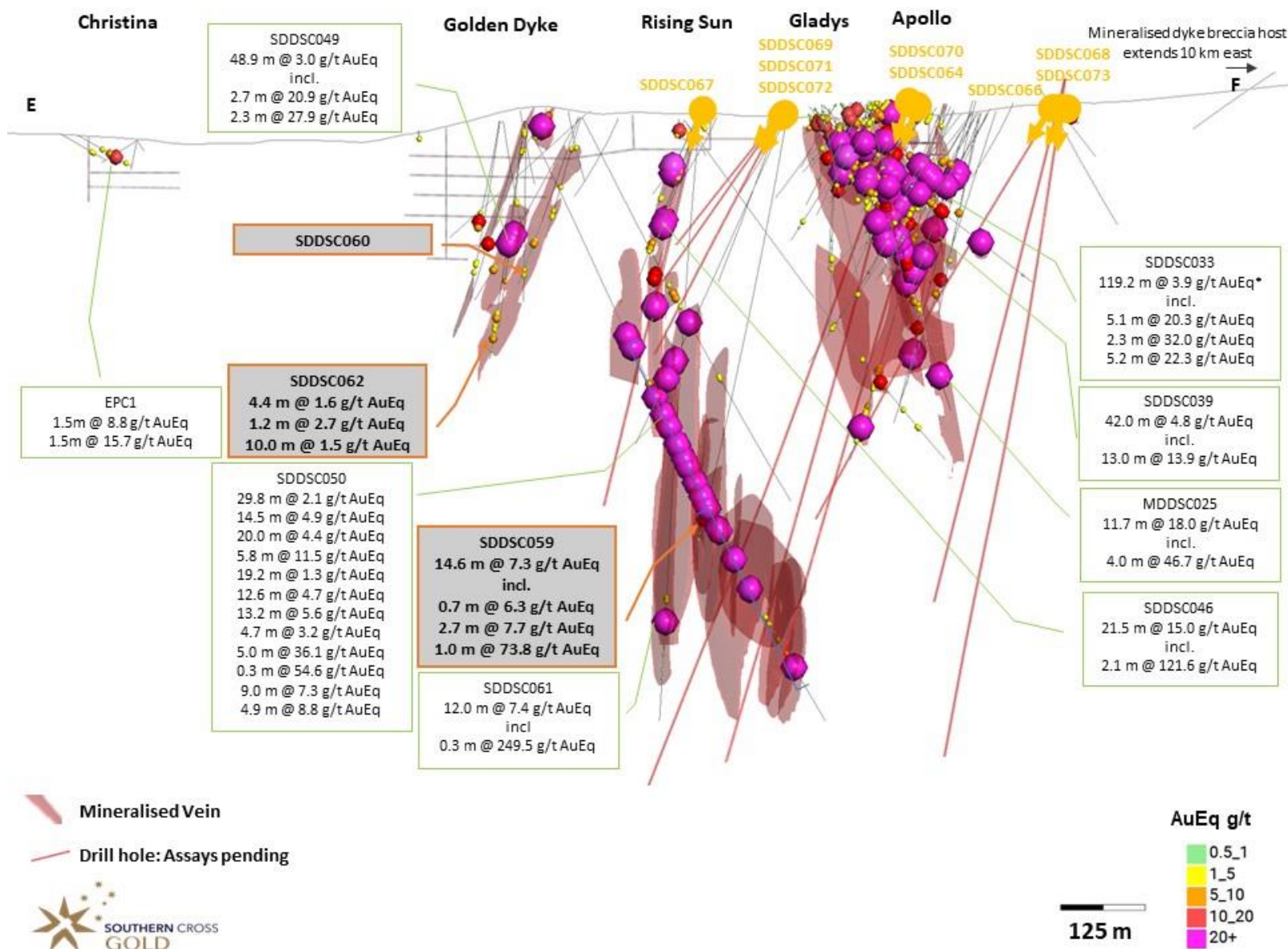


Sunday Creek – Plan view at surface



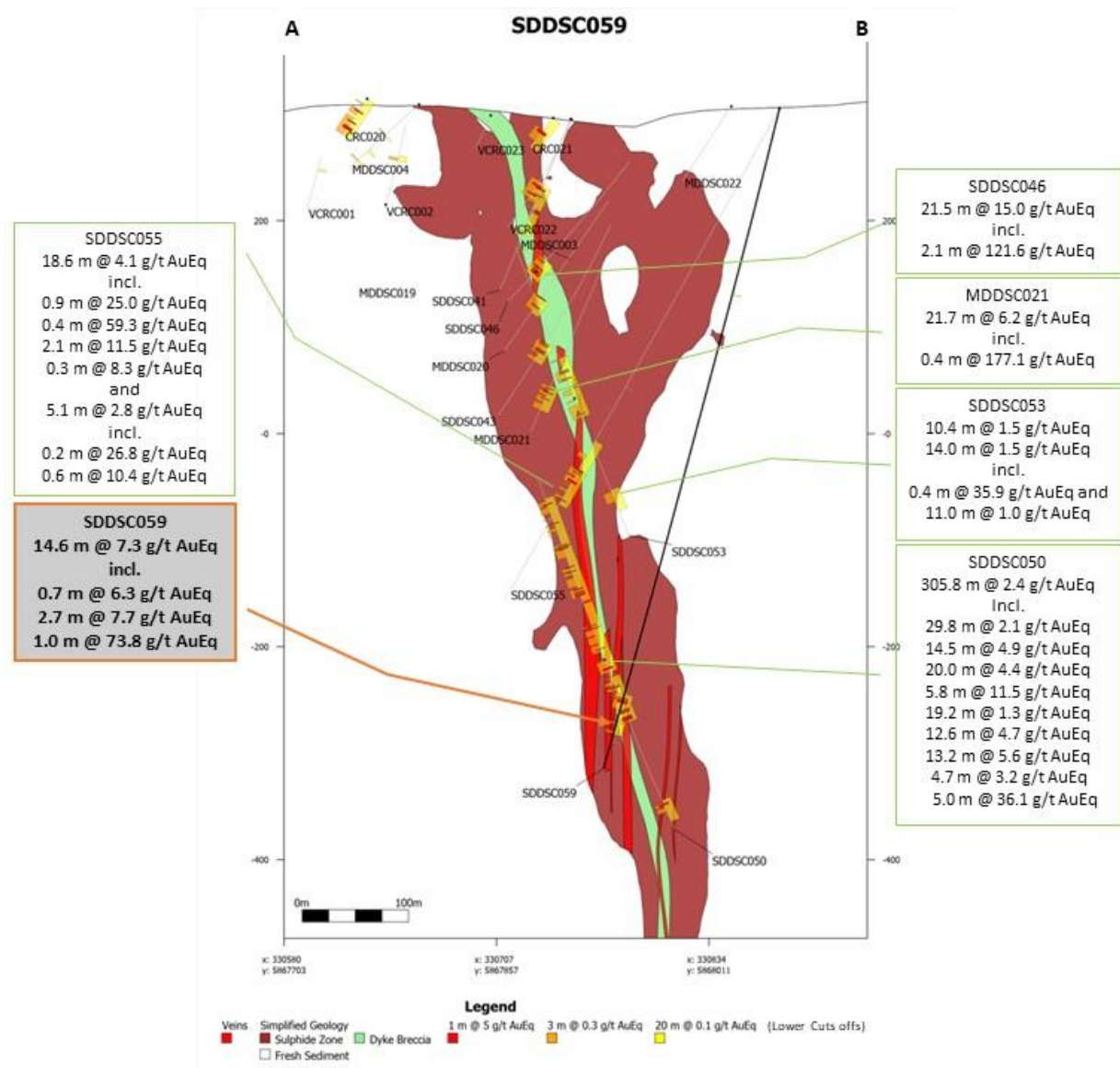


Sunday Creek – Longitudinal section looking towards 000 in plane of dyke





Sunday Creek – Cross section at Rising Sun



Conclusion

- Sunday Creek has the potential to become Australia's largest antimony project
- Victoria has significant antimony resources
 - But they're not being exploited
- Victoria has the opportunity to regain a western supply chain and change the dynamic of global concentrate sales and smelting globally - with a direct positive impact for Victoria.
- Victorian critical metal call to action!

