

**21 SEPEMBER 2023** 

### DENVER GOLD FORUM PRESENTATION

Melbourne, Australia — Southern Cross Gold Ltd ("SXG" or the "Company") (ASX:SXG) announces its presentation to the Denver Gold Forum.

A copy of the presentation can be viewed at the following link:

https://www.goldforumamericas.com/company-session/3122/

- Ends -

This announcement has been approved for release by the Board of Southern Cross Gold Ltd.

### **About Southern Cross Gold Ltd**



The Southern Cross Gold corporate branding embodies important characteristics of the Company. The blue lettering acknowledges the state colour of Victoria, and the gold recognises the Victorian SOUTHERN CROSS goldfields. The Southern Cross is a constellation also represented on the Australian flag which provides a strong cultural significance to all Australians. The main 7-pointed star represents the unity of the six states and the territories of the Commonwealth of Australia and the

addition of a miner's pickaxe within the body of the star reflects the central place that mineral exploration has in Australia and, of course, to Southern Cross Gold.

### For further information, please contact:

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# Important Notice and Disclaimer

### Overview

This presentation ("this Presentation") has been prepared by Southern Cross Gold Ltd [ACN 652166795] ("SXG" or the "Company") and is dated 17 September 2023.

### **Summary information**

This Presentation contains summary information about the current and proposed activities of SXG as at the date of this Presentation. The information in this Presentation is of a general nature and does not purport to be complete. This Presentation does not purport to contain all the information that an investor should consider when making an investment decision nor does it contain all the information which would be required in a disclosure document or prospectus prepared in accordance with the requirements of the Corporations Act. It should be read in conjunction with the Company's other periodic and continuous disclosure announcements lodged with the ASX, which are available at the ASX website www.asx.com.au under the code "SXG". Neither SXG nor its directors, employees or advisers accept any responsibility to inform recipients specifically of any matter arising or coming to its attention after the date of this Presentation. Recipients should monitor SXG's announcements to ASX, which can be obtained from ASX website as referred to above.

### Investment risk

An investment in SXG's Shares is subject to investment risks and other known and unknown risks, some of which are beyond the control of the Company. SXG, its directors, employees or advisers do not guarantee any particular rate of return or the performance of SXG, nor does it guarantee the repayment of capital or investments from or in SXG or any particular tax treatment.

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Before making an investment decision, prospective investors should consider the appropriateness of the information having regard to their own objectives, financial situation and needs and seek appropriate advice, including financial, legal and taxation advice appropriate to their jurisdiction. SXG is not licensed to provide financial product advice in respect of SXG shares or any other investment.

### Future performance

This Presentation may contain forward looking statements, opinions or estimates. Any forward looking statements, opinions or estimates contained in this Presentation are not guarantees or predictions of future performance and involve known and unknown risks and uncertainties and other factors, many of which are beyond the control of SXG, and may involve significant elements of subjective judgement and assumptions and contingencies as to future events which may or may not be correct which are subject to change without notice, as are statement about market and industry trends, which are based on interpretations of current market conditions. Those statements reflect views only as at the date of this Presentation. The actual results may differ materially from anticipated results, performance of achievement expressed, projected or implied by these forward-looking statements.

While SXG believes the statements in the Presentation are reasonable, neither SXG nor any other person gives any assurance or guarantee that the occurrence of the events expressed or implied in the Presentation will actually occur and investors are cautioned not to place undue reliance on those statements. There can be no assurance that actual outcomes will not differ materially from these forward-looking statements. A number of factors could cause actual results or performance to differ materially from the forward-looking statements, including the risk factors set out in this Presentation. Investors should consider the forward-looking statements contained in this Presentation in light of those disclosures. The forward-looking statements are based on information available to SXG as at the date of this Presentation.



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### **Competent Persons 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.

Certain information in this announcement also relates to prior exploration results, are extracted from the following announcements, which are available to view on <a href="www.southerncrossgold.com.au">www.southerncrossgold.com.au</a>:

30 May, 2022 SDDSC033, 9 August, 2022 SDDSC038, 20 September, 2022 SDDSC040, 4 October, 2022 SDDSC046, 21 November, 2022 SDDSC050, 14 December 2022 SDDSC050, 28 February, 2023 SDDSC055, 30 March, 2022 SDDSC061, 16 May, 2024 SDDSC064, 1 June,

2023 SDDSC066, 29 August, 2023 SDDSC068, SDDSC073, 28 August, 2023 SDDSC078

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original document/announcement and the Company confirms that the form and context in which the Competent Person's findings are presented have not materially modified from the original market announcement.



# 404.4 m @ 5.6 g/t AuEq (5.1 g/t Au, 0.3% Sb) from 374.0 m (uncut)

# SDDSC077B – 13 high grade structures including:

- 5.6 m @ 17.8 g/t AuEq (14.1 g/t Au, 2.4% Sb) from 392.2 m, including:
  - 0.2 m @ 31.5 g/t AuEq (31.4 g/t Au, 0.0% Sb) from 392.2 m
  - **0.4 m @ 231.6 g/t AuEq (**182.0 g/t Au, 31.4% Sb) **from 394.2 m**
- 5.4 m @ 39.3 g/t AuEq (38.0 g/t Au, 0.8% Sb) from 407.7 m, including:
  - **0.4 m @ 593.6 g/t AuEq** (574.0 g/t Au, 12.4% Sb) from **407.7 m**
- 24.0 m @ 3.6 g/t AuEq (3.2 g/t Au, 0.2% Sb) from 417.0 m, including:
  - **1.5 m @ 43.1 g/t AuEq** (39.7 g/t Au, 2.1% Sb) from 422.1 m
  - 0.4 m @ 24.0 g/t AuEq (17.3 g/t Au, 4.2% Sb) from 428.2 m
- 4.9 m @ 36.1 g/t AuEq (20.1 g/t Au, 10.1% Sb) from 445.2 m, including:
  - **1.4 m @ 113.9 g/t AuEq** (66.6 g/t Au, 29.9% Sb) from 445.2 m
  - 0.3 m @ 54.0 g/t AuEq (12.1 g/t Au, 26.5% Sb) from 449.7 m

- o **33.8 m @ 3.0 g/t AuEq** (2.4 g/t Au, 0.4% Sb) **from 478.0 m,** including:
  - 1.2 m @ 11.9 g/t AuEq (10.8 g/t Au, 0.7% Sb) from 486.6 m
  - **0.5 m @ 21.0 g/t AuEq** (20.9 g/t Au, 0.0% Sb) from **491.9 m**
  - 1.0 m @ 19.6 g/t AuEq (10.1 g/t Au, 6.0% Sb) from 498.5 m
  - **0.2 m @ 183.2 g/t AuEq** (168.0 g/t Au, 9.6% Sb) from **500.9 m**
  - 0.3 m @ 6.1 g/t AuEq (5.5 g/t Au, 0.4% Sb) from 506.6 m
- 6.5 m @ 10.2 g/t AuEq (2.8 g/t Au, 4.7% Sb) from 573.0 m, including:
  - **2.6 m @ 24.1 g/t AuEq** (6.3 g/t Au, 11.3% Sb) from **574.0 m**
- o **6.9 m @ 205.2 g/t AuEq** (204.5 g/t Au, 0.4% Sb) **from 733.8 m**, including:
  - **1.1 m @ 9.8 g/t AuEq** (9.5 g/t Au, 0.2% Sb) from 737.1 m
  - **0.8 m @ 1,741.5 g/t AuEq** (1,736.4 g/t Au, 3.3% Sb) from **739.9 m**:
    - Including 0.4 m @ 731.2 g/t AuEq (731.0 g/t Au, 0.1% Sb) from 739.9 m
    - Including 0.4 m @ 2,679.8 g/t AuEq (2,670 g/t Au, 6.2% Sb) from 740.3 m

# A Significant Australian Gold Discovery

### EXCEPTIONAL HIT RATE

- Sunday Creek compares favorably with global leading hit rates for this stage of the project's development
  - > 34 individual intersections have ranged between 50 100 AuEq g/t.m ("AuEq g/t x width in m") and
  - > 20 individual intersections have exceeded 100 AuEq g/t.m

## DRILLING PLAN HAS THREE CLEAR OBJECTIVES THAT WILL HAVE THE LARGEST EMPHASIS OVER THE NEXT SIX MONTHS

- Demonstrate grade
- Demonstrate volume
- Demonstrate scale

### FOUR DIAMOND DRILL RIGS OPERATING AT SITE

- 19,626 m drilled so far in 2023
- We plan to drill an additional 26,000 m by April 2024

### NEWS FLOW CONTINUOUS

- OVER \$15M CASH (AS OF 31 MAY, 2023)
  - Company is fully funded and permitted to execute on its strategy
    - SXG owns 133.3 ha of freehold



# Strategy Unpacked

### GRADE

- Add and connect the existing high-grade zones in and around
  - Rising Sun: SDDSC046: 2.1 m @ 121.6 g/t AuEq and SDDSC077B 0.8 m @ 1741.5 g/t AuEq
  - Apollo: SDDSC066: 10.4 m @ 22.4 g/t AuEq incl. 1.0 m @ 224.3 g/t AuEq

### VOLUME

- Along strike and down-dip by step-out drilling to add to the existing mineral endowment
  - Rising Sun: SDDSC050: 305 m @ 2.4 g/t AuEq and SDDSC077B 404.4 m @ 5.6 g/t AuEq at Rising Sun
- To date our focus area has been a 1,000 m strike to 1,000 m depth, of which we have only tested less 50%
- All mineralised occurrences at Apollo, Rising Sun, Golden Dyke and Christina are all open down dip and along strike

### SCALE

- Exploration at Sunday Creek has district-scale potential
- There is an 11 km mineralized trend extending beyond the initial target drill area, defined by historic workings and soil sampling. This large footprint is being drill tested for the very first time at the Tonstal, Consols and Leviathan prospects
- Twelve holes for 2,383 m have now been completed within the regional area between 3,500 m to 7,500 m along strike from the core drill area. Results from the program will soon be available

# Corporate Structure – A Tight Register

Capitalisation Summary	
Share Price (11 Sept 2023)	A\$0.77
Shares Issued	184.0M
Fully Diluted	204.3M
Basic Market Capitalisation	A\$142.6M
Cash (31 May 2023)	A\$15.2M

### Major Shareholder Summary

	%
Institutions	12.4
Corporates	51.0
Board and Management (non-look through)	1.5
TOTAL	64.9

### Other Data

Options @ A\$0.30	15.3M
Options @ A\$0.66	2.0M
Options @ A\$0.87	3.0M
Escrowed shares	93.9M
% Free Float	48.9%





# SXG – Controls three of the nine epizonal fields in Victoria





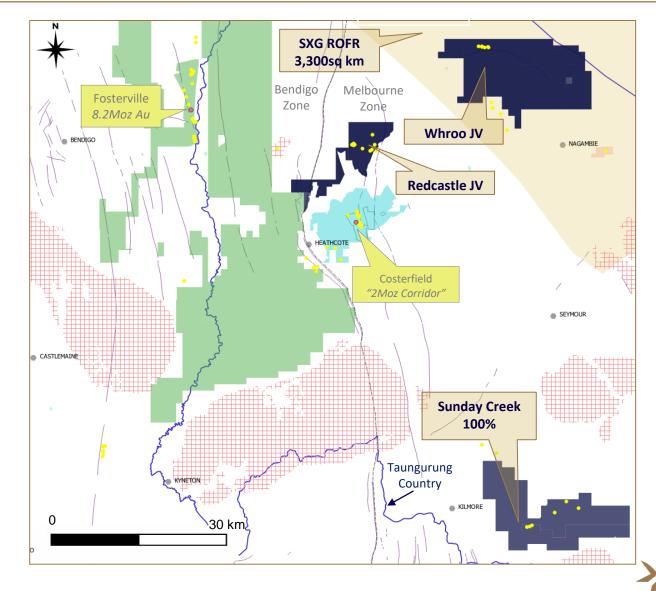


SXG Nagambie Right of First Refusal (ROFR)

Agnico Eagle Mines ML (Fosterville)

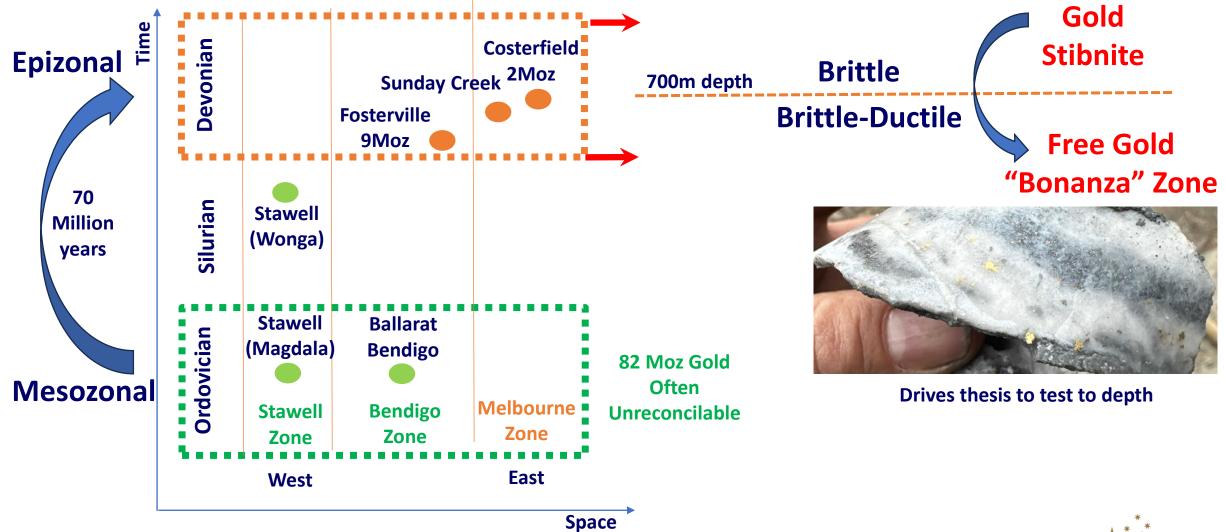
Mandalay Resources (Costerfield)

Igneous Rocks

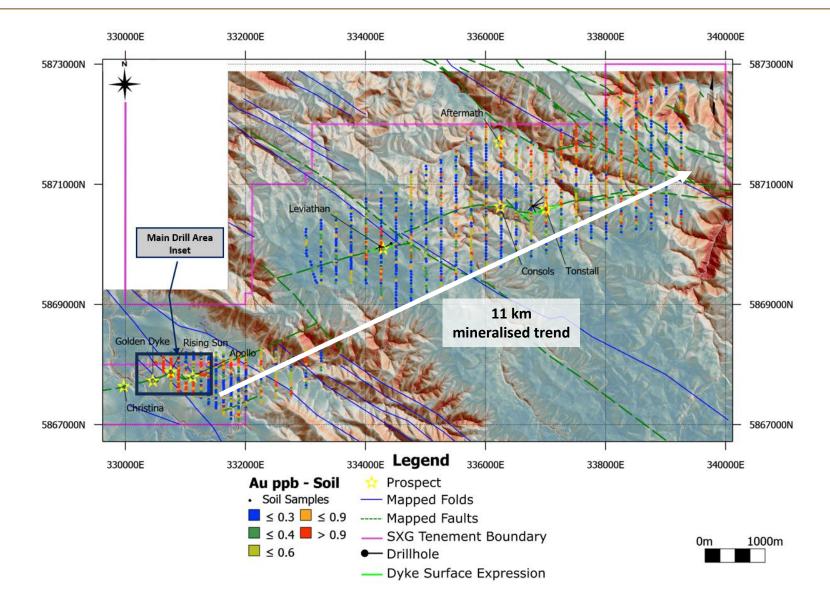


SOUTHERN CROSS GOLD

# Victoria A Gift That Keeps on Giving

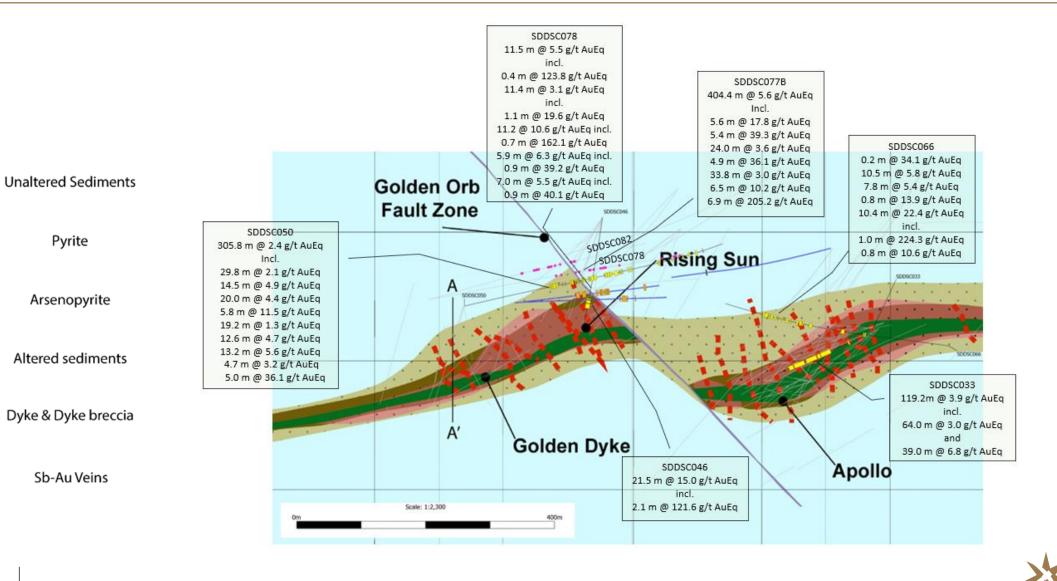


# Regional Scale – Plan View



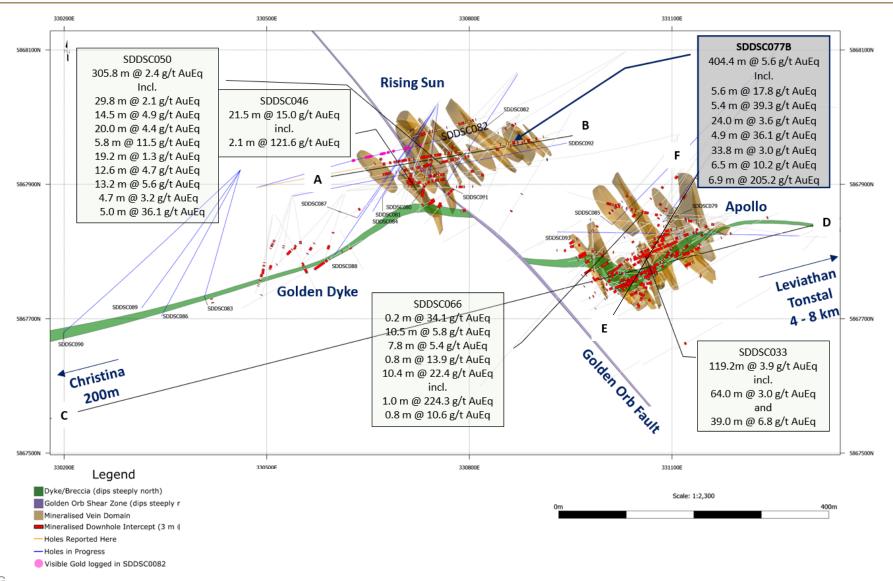


# Schematic Plan View Main Drill Area – The Ladder



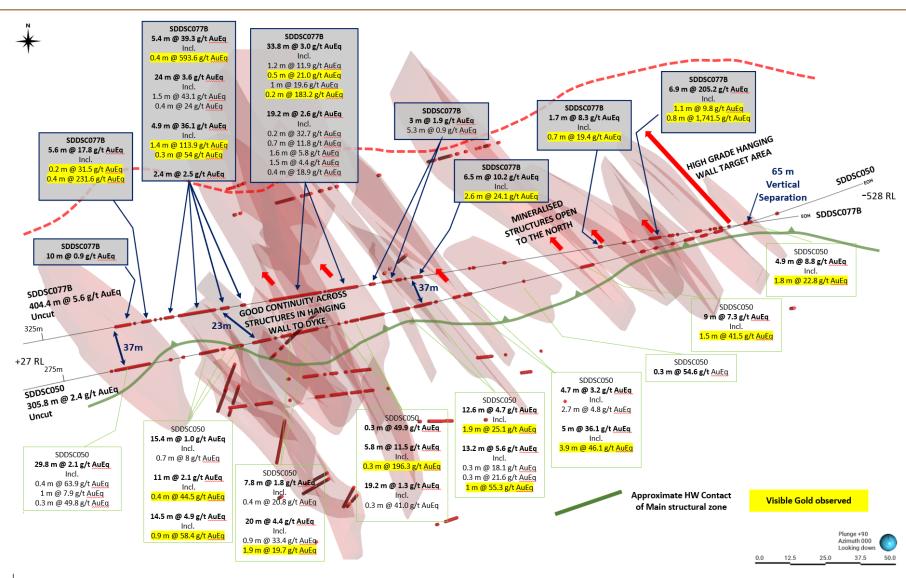
Pyrite

# Schematic Plan Main Drill Area – Predictable and Continuous Host





# Rising Sun – Unconstrained plan view showing continuity and scale

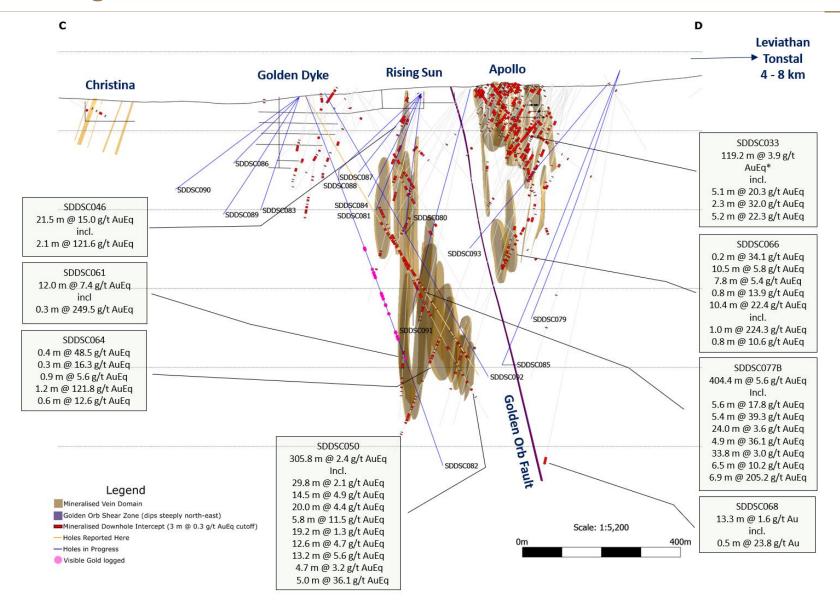


SDDSC077B intersected 404.4 m @ 5.6 g/t AuEq (5.1 g/t Au, 0.3 %Sb) from 374.0 m (uncut), and traverses 13 individual high grade vein sets

Seven intervals have >100 g/t Au (up to 2,670 g/t Au), 20 intervals have >15 g/t Au and 20 intervals have >5% Sb (up to 55.8% Sb)

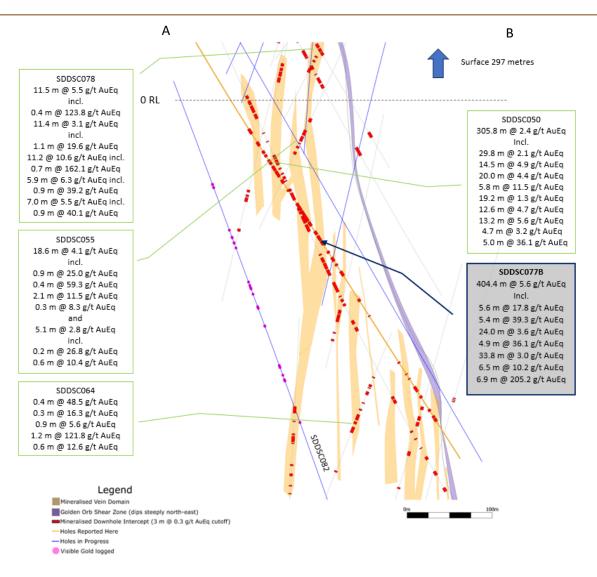


# Sunday Creek – Longitudinal section



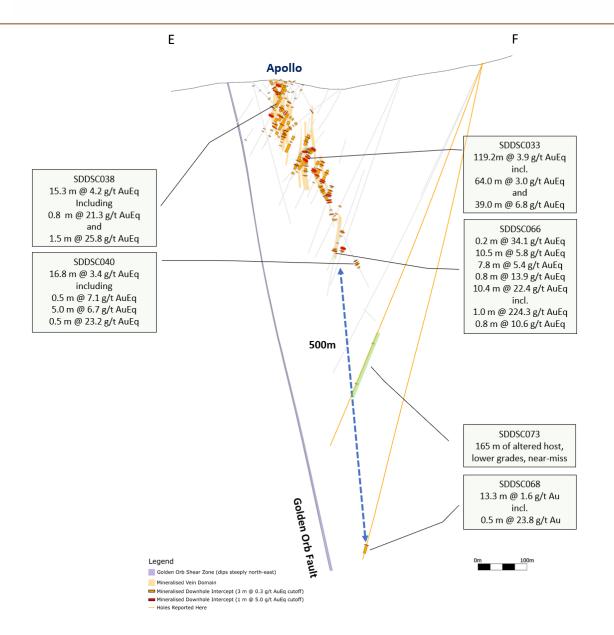


# Rising Sun Cross Section





# **Apollo Cross Section**





# Redcastle

## Laura Acquisition: Drill discovery, next project at scale – 17km of workings to test

Orillhole Au > 5 g/t Au (historic)

Rockchip 5-63 g/t Au (historic)

A Rockchip 1-5 g/t Au (historic)

3D IP Anomaly

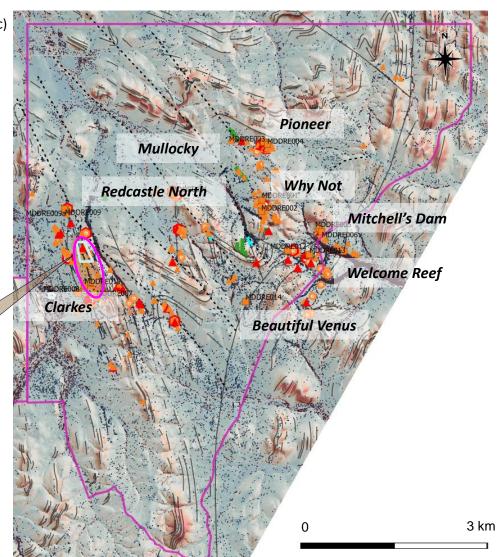
Alluvial gold showing

Hard rock gold showing

Laura PL6415

### Laura

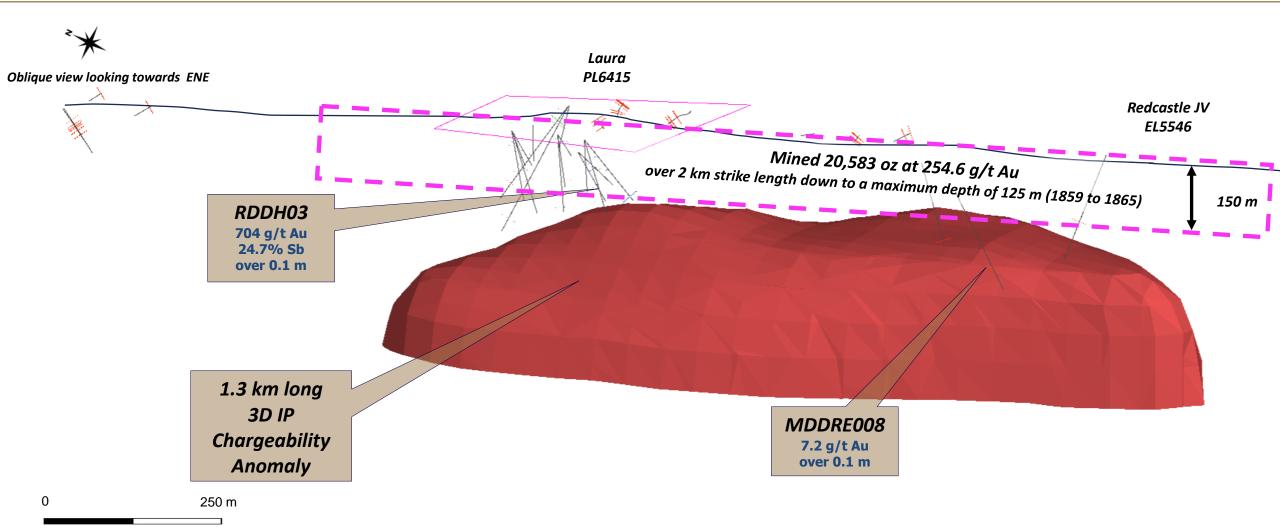
704 g/t Au 24.7% Sb over 0.1 m



- LOCATED 2 KM IMMEDIATELY NORTH OF MANDALAY RESOURCES' COSTERFIELD MINE AND EXPLORATION.
- HIGH GRADE DRILL DISCOVERY TO EXPAND UPON AND TO BUILD ANOTHER PROJECT OF SCALE FOR SXG
  - 0.1 m @ 743.0 g/t AuEq (704.0 g/t Au, 24.7 %Sb)
  - 0.2 m @ 28.1 g/t AuEq (27.9 g/t Au, 0.1 %Sb)
  - 0.2 m @ 20.0 g/t AuEq (17.5 g/t Au, 1.6 %Sb)
  - 0.1 m @ 42.9 g/t AuEq (20.0 g/t Au, 14.5 %Sb)
  - 0.1 m @ 20.2 g/t AuEq (10.1 g/t Au, 6.4 %Sb)
  - 0.1 m @ 12.5 g/t AuEq (5.8 g/t Au, 4.3 %Sb)
- FORMS A KEY GEOPHYSICAL TARGET WITHIN THE REDCASTLE GOLDFIELD, WITH A 1.3 KM-LONG COHERENT UNDERLYING INDUCED POLARIZATION ("IP") CHARGEABILITY ANOMALY



# Redcastle 3D IP Chargeable Anomaly — at depth beneath Laura high-grade drilling and mines





# Positioning for Development

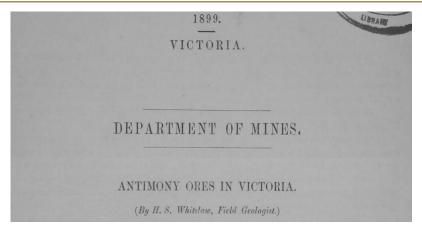
Our primary focus is to target grade, build volume and demonstrate regional scale, however the company is actively de-risking the project through pre-development activities to be in an optimal position for design, feasibility studies and permitting



All ongoing



# 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)



# Our People

- Locally based staff living in the communities in which we work
- Australian based board focused on creating an ethical, shared value company with strong ESG credentials that employees and investors can be proud of



From our Welcome to Country Smoking Ceremony day with elders Aunty Joan and Uncle Mick from the traditional owners – Taungurung Land & Waters Council



# Directors and Key Management



### Tom Eadie | Non-Executive Chairman

- Explorer, mining executive and company director with many significant mineral discoveries and several successful companies to his name (Pasminco, Syrah, Copper Strike)
- Geologist with over 40 years' experience in the resources industry



### Michael Hudson | Managing Director

- Explorationist and entrepreneur, developed and financed mineral exploration properties globally over 30 years (raising +\$200m). Key member behind multiple discoveries
- Founder and director of Mawson Gold Ltd (TSX:MAW) and Hannan Metals Ltd (TSXV:HAN)



### Georgina Carnegie | Non-Executive Director

- Experienced executive within Australian government and global corporate sectors
- Advisory roles in public and private mining and insurance sectors, OECD, Asian business councils and Australian university sector



### David Henstridge | Non-Executive Director

- Geologist with over 50 years' experience in the mining industry including 20 years in managing public-listed companies
- Associated with many mineral discoveries worldwide including in Australia, Peru & Finland

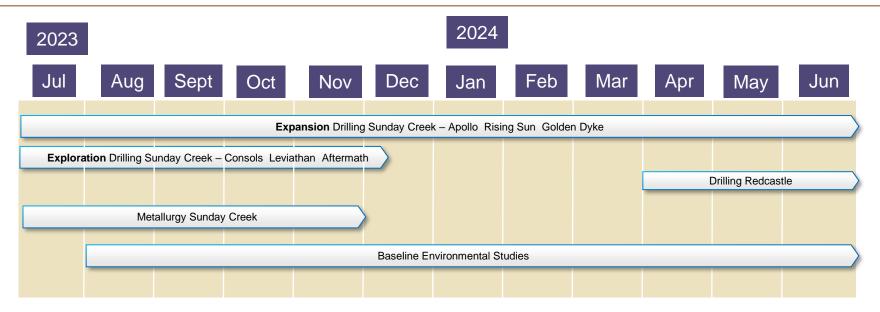


### Lisa Gibbons | General Manager

- Lisa Gibbons has over 30 years experience as a geologist in exploration and resource development, both in Australia and overseas
- While working for Southern Cross Gold, Lisa won the MCA Victoria 2022 Exceptional Woman in Victorian Resources Award for her career achievements, advocacy of women and contribution to social licence and the community



# Aggressive Exploration Program – Staying on the Lassonde Curve



## DRILLING PLAN HAS THREE CLEAR OBJECTIVES THAT WILL HAVE THE LARGEST EMPHASIS OVER THE NEXT SIX MONTHS

- Demonstrate grade, demonstrate volume, demonstrate scale
- FOUR DIAMOND DRILL RIGS OPERATING AT SITE,
  - The plan is to drill an additional 26,000 m by April 2024
  - 19,626 m drilled so far in 2023



# Southern Cross Gold – A Compelling Opportunity

- SUNDAY CREEK (100%) A SCARCE AND HIGH-QUALITY ASSET
  - Consistently wide intercepts defining large and continuous zones with predictable high-grade components
  - Highly prospective setting with multiple avenues to unlock potential
- DRILLING PLAN HAS THREE CLEAR OBJECTIVES THAT WILL HAVE THE LARGEST EMPHASIS OVER THE NEXT SIX MONTHS
- FOUR DIAMOND DRILL RIGS OPERATING AT SITE
  - The plan is to drill an additional 26,000 m by April 2024
  - 19,626 m drilled so far in 2023
- CONTINUOUS NEWS FLOW
- OVER \$15M CASH (AS OF 31 MAY, 2023)
- COMPANY IS FULLY FUNDED AND PERMITTED TO EXECUTE ON ITS STRATEGY
  - SXG owns 133.3 ha of freehold land



# Contact us

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### Sources for Slides

SXG Results

30 May, 2022 SDDSC033, 9 August, 2022 SDDSC038, 20 September, 2022 SDDSC040, 4 October, 2022 SDDSC046, 21 November, 2022 SDDSC050, 14 December 2022 SDDSC050, 28 February, 2023 SDDSC055, 30 March, 2022 SDDSC061, 16 May, 2024 SDDSC064, 1 June, 2023 SDDSC066, 29 August, 2023 SDDSC068, SDDSC073, 28 August, 2023 SDDSC078





# Corporate presentation



www.southerncrossgold.com.au

