



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 14 December 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.

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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.

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.

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

21 November, 2022	SDDSC050	SXG Drills 305.8 M @ 2.4 AuEq (1.6 g/t Au, 0.5% Sb) at Sunday Creek, Hole Continues
<u>14 December, 2022</u>	SDDSC050	High-Grade Mineralisation Continues in Drill Hole SDDSC050 to 840 m at Sunday Creek
<u>1 June, 2023</u>	SDDSC066	SXG Intersects Third best hole, 10.4m @ 22.4 g/t AuEq
5 September, 2023	SDDSC077B	SXG - 404m @ 5.1g/t Au Uncut Traversing 13 High-Grade Veins



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
 - > 40 individual intersections between 50 100 AuEq g/t.m ("AuEq g/t x width in m") and
 - 25 individual intersections > 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

- We plan to drill 19,000 m Sept 2023 April 2024
- NEWS FLOW CONTINUOUS
- \$11.8M CASH (AS OF 31 AUGUST, 2023)
 - Company is fully funded and permitted to execute on its exploration strategy, 133.3 ha of freehold land



Corporate Structure – A Tight Register

Capitalisation Summary

Share Price (13 Dec 2023)

Shares Issued

Fully Diluted

207.5M

Basic Market Capitalisation

Cash (31 Aug 2023)

A\$1.12

A\$1.12

A\$1.12

Major Shareholder Summary

	%
Corporates	50.9
Institutions	11.6
(Franklin Templeton, SG Hiscock, Konwave, Springtide Capital, Firelight Investments, Lowell, Terra Capital)	
Board and Management (non-look through)	1.6
TOTAL	64.1

Other Data

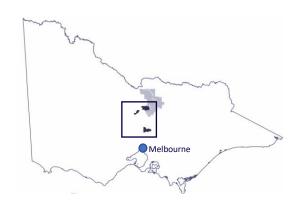
Options	Price	No. of Securities
JLM Options (Escrow to 16 May 2024, Expiry 6 May 2025)	\$0.30	6.5M
Class A ESOP (Expiry 6 May 2025)	\$0.30	2.8M
Class B ESOP (Expiry 6 May 2026)	\$0.30	2.8M
Class C ESOP (Escrow to 16 May 2024, Expiry 6 May 2027)	\$0.30	2.8M
Unlisted ESOP (Expiry 15 August 2026)	\$0.66	2.0M
(Expiry 28 November 2025)	\$0.87	3.0M
Director Options (Expiry 7 November 2026)	\$1.20	3.6M
Escrowed shares	Ψ1.20	93.9M
% Free Float		48.9%

Share Price Performance – 1 Year





SXG – Controls Three of the Nine Epizonal Fields in Victoria





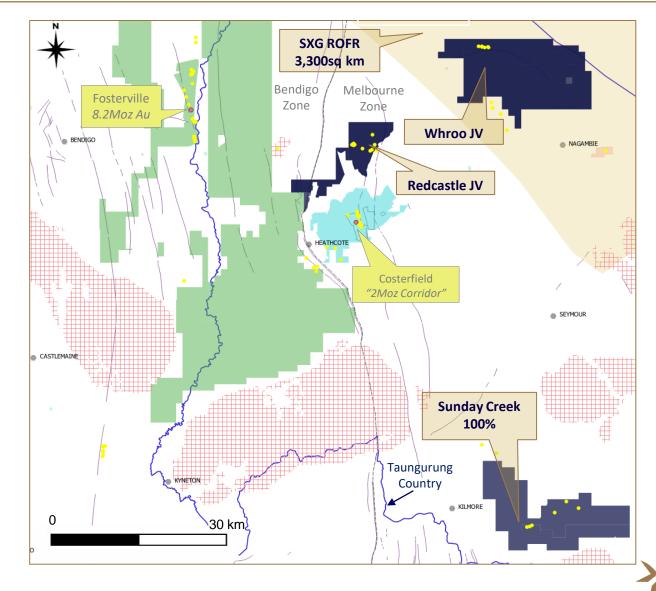


SXG Nagambie Right of First Refusal (ROFR)

Agnico Eagle Mines ML (Fosterville)

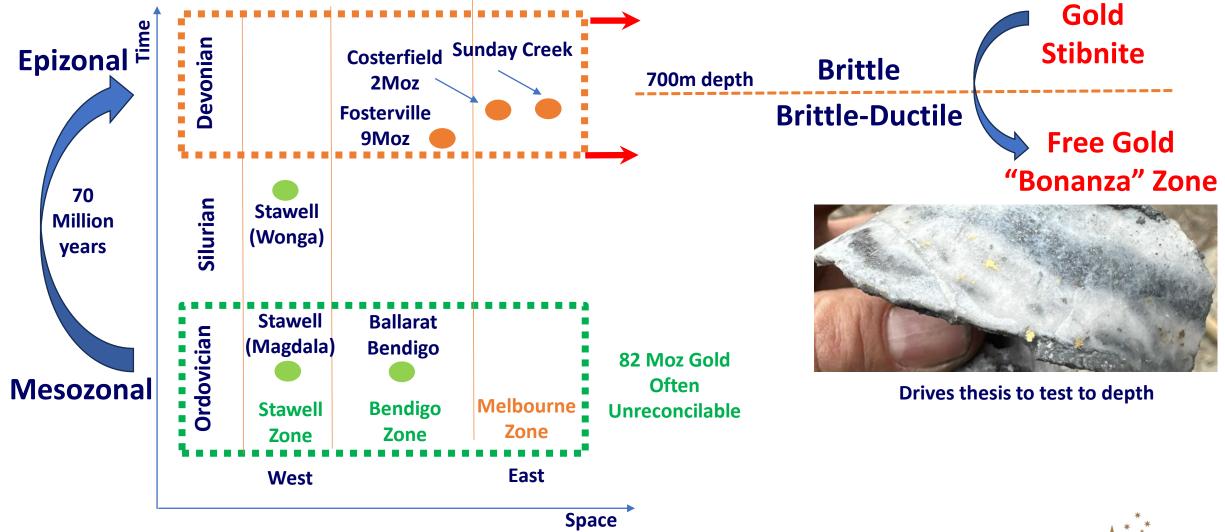
Mandalay Resources (Costerfield)

Igneous Rocks

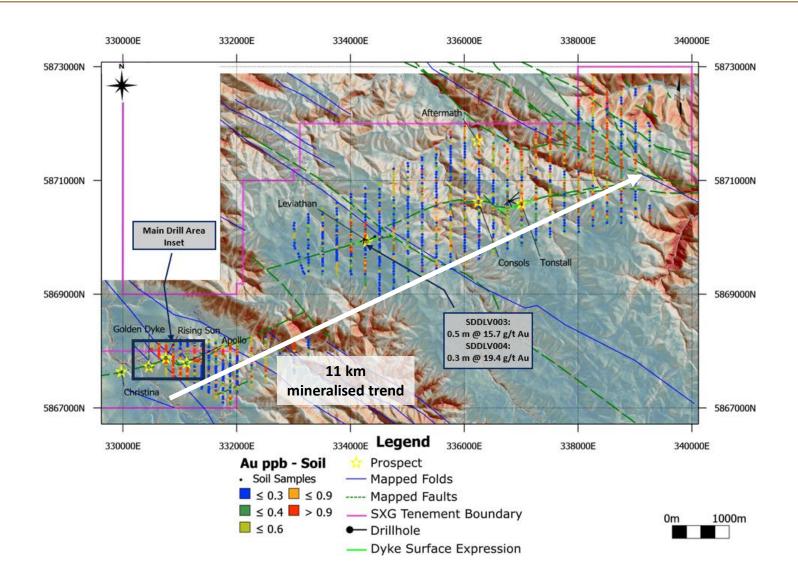


GOLD

Victoria a Gift That Keeps on Giving

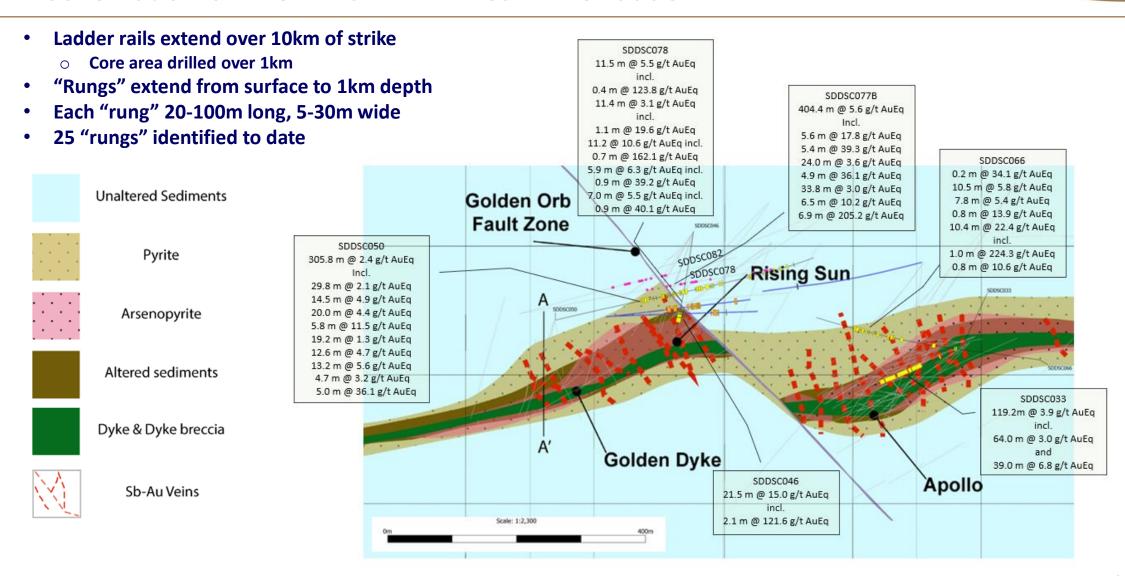


Regional Scale – Plan View

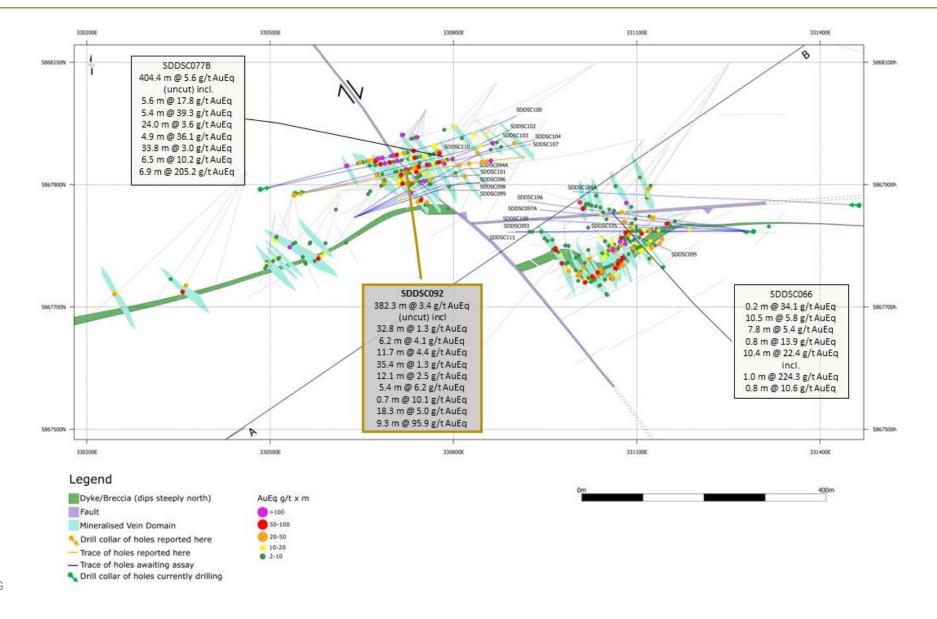




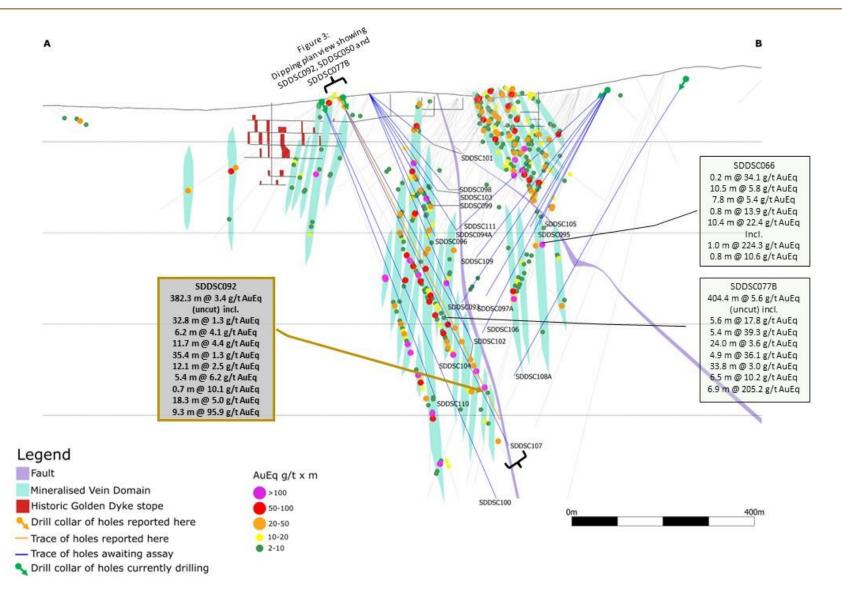
Schematic Plan View Main Drill Area – The Ladder



Schematic Plan Main Drill Area – Predictable and Continuous Host

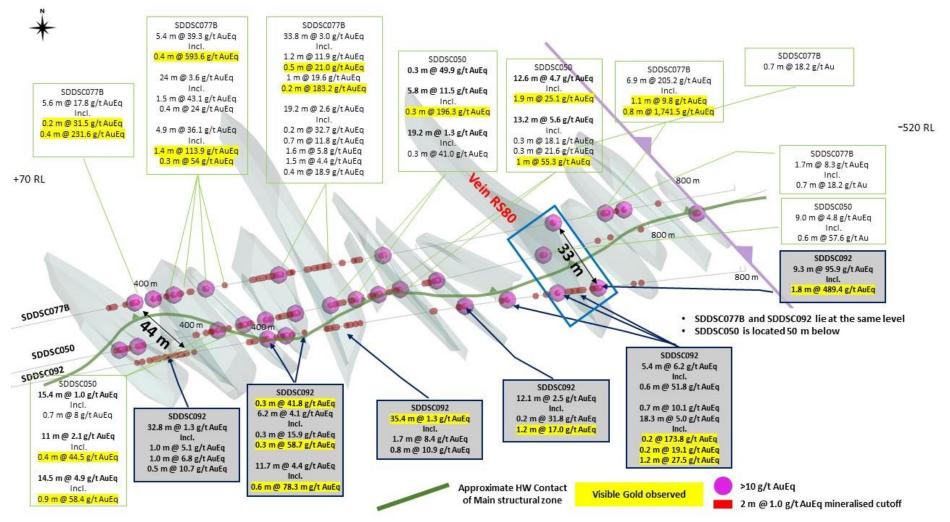


Sunday Creek – Longitudinal Section





Sunday Creek – Inclined Plan with 50 m Influence

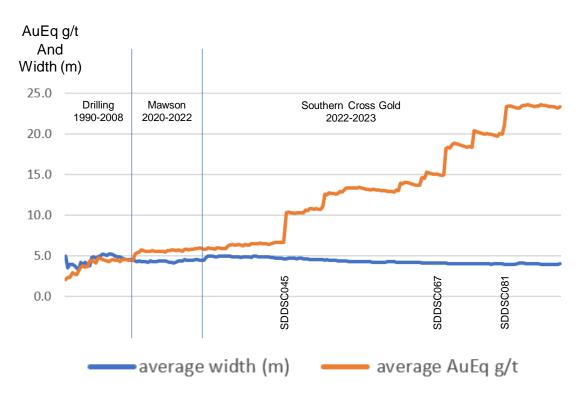




Great Projects Keep Getting Better

- All of the five best intersections on the project have been drilled over the last three months
- The top ten intersections at Sunday Creek are as follows:

Rank	Date	Hole No.	Zone	Length (m)	From (m)	Au (g/t)	Sb (%)	AuEq (g/t)
1	5-Sep-23	SDDSC077B	Rising Sun	3.6	737.1	391.9	0.8	393.2
2	9-Nov-23	SDDSC091	Rising Sun	20.0	430.0	62.7	0.5	63.6
3	14-Dec-23	SDDSC092	Rising Sun	3.3	681.6	267.8	1.8	270.6
4	23-Oct-23	SDDSC082	Rising Sun	1.6	417.4	500.3	0.1	500.5
5	23-Oct-23	SDDSC082	Rising Sun	1.7	413.6	230.6	9.9	246.2
6	4-Oct-22	SDDSC046	Rising Sun	14.3	187.5	20.5	2.6	24.6
7	23-Oct-23	SDDSC082	Rising Sun	4.3	588.0	71.5	0.4	72.2
8	1-Jun-23	SDDSC066	Apollo	1.7	543.5	147.1	13.7	168.7
9	23-Oct-23	SDDSC082	Rising Sun	9.0	565.8	25.8	1.0	27.4
10	30-May-22	SDDSC033	Apollo	16.8	180.6	10.7	2.3	14.3



Average width 4.1m

Average of length weighted intervals 19.6g/t Au and 2.3% Sb (23.2 g/t AuEq) Median width 2.8 m

Median of length weighted intervals 4.1 g/t Au and 0.7% Sb (6.2 g/t AuEq)

All calculations 2 m @ 1 g/t Au lower cut, > 5g/t*m AuEq



Positioning for Development

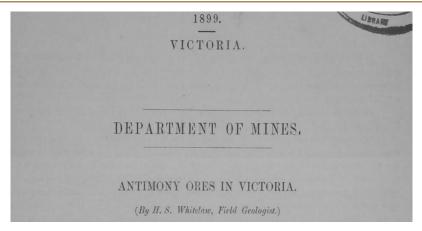
Our primary focus is to target grade, build volume and demonstrate regional scale, however the company is actively de-risking the project through pre-development activities to be in an optimal position for design, feasibility studies and permitting



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

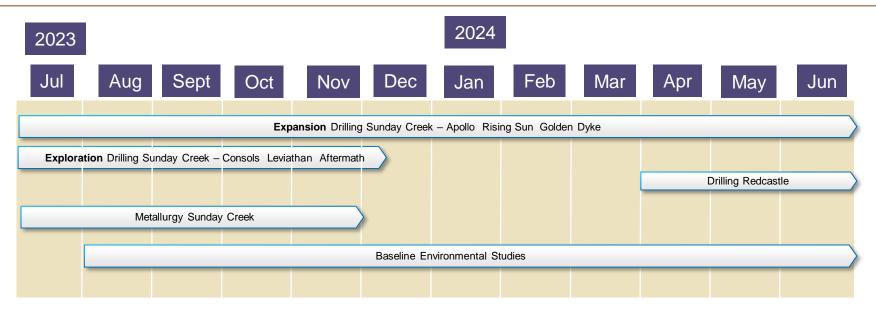


Lisa Gibbons | General Manager

- 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,
 - We plan to drill 19,000 m Sept 2023 April 2024



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
 - We plan to drill 19,000 m Sept 2023 April 2024
- CONTINUOUS NEWS FLOW
- \$11.8M CASH (AS OF 31 AUGUST, 2023)
- COMPANY IS FULLY FUNDED AND PERMITTED TO EXECUTE ON ITS STRATEGY
 - SXG owns 133.3 ha of freehold land



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331.5 m @ 7.1 g/t AuEq (6.8 g/t Au, 0.2% Sb) from 467.9.0 m (uncut)

SDDSC082 – 18 high grade structures including:

- 13.1 m @ 93.8 g/t AuEq (91.7 g/t Au, 1.3 %Sb) from 413.6 m, including:
 - **1.7 m @ 246.2 g/t AuEq** (230.6 g/t Au, 9.9 %Sb) from 413.6 m
 - **0.2 m @ 4,190 g/t AuEq** (4,190 g/t Au, 0.1 %Sb) from 418.4 m
- o **0.9 m @ 42.9 g/t AuEq** (42.3 g/t Au, 0.4 %Sb) from 480.6 m
- 68.5 m @ 5.3 g/t AuEq (4.8 g/t Au, 0.4 %Sb) from 506.3 m, including:
 - 0.4 m @ 18.8 g/t AuEq (18.7 g/t Au, 0.1 %Sb) from 515.2 m
 - 0.5 m @ 29.2 g/t AuEq (28.2 g/t Au, 0.6 %Sb) from 539.2 m
 - 1.7 m @ 14.1 g/t AuEq (12.3 g/t Au, 1.2 %Sb) from 544.5 m
 - 5.4 m @ 43.9 g/t AuEq (41.9 g/t Au, 1.3 %Sb) from 567.3 m
- 5.0 m @ 61.4 g/t AuEq (60.9 g/t Au, 0.4 %Sb) from 588.0 m, including:
 - 0.9 m @ 351.3 g/t AuEq (351.2 g/t Au, 0.0 %Sb) from 591.4 m
- o **21.7 m @ 6.5 g/t AuEq** (6.5 g/t Au, 0.0 %Sb) from 622.0 m, including:
 - 0.6 m @ 12.2 g/t AuEq (12.2 g/t Au, 0.0 %Sb) from 641.2 m
 - 0.4 m @ 351.0 g/t AuEq (351.0 g/t Au, 0.0 %Sb) from 643.4 m

- o **31.1 m @ 3.9 g/t AuEq** (3.1 g/t Au, 0.5 %Sb) from 652.0 m, including:
 - 1.0 m @ 11.7 g/t AuEq (11.7 g/t Au, 0.0 %Sb) from 654.0 m
 - 1.6 m @ 48.6 g/t AuEq (39.3 g/t Au, 5.9 %Sb) from 658.9 m
 - 1.1 m @ 16.6 g/t AuEq (7.8 g/t Au, 5.6 %Sb) from 672.8 m
- o **17.0 m @ 1.5 g/t AuEq** (1.4 g/t Au, 0.0 %Sb) from 691.0 m, including:
 - 1.0 m @ 16.5 g/t AuEq (16.3 g/t Au, 0.1 %Sb) from 697.0 m
- 9.5 m @ 9.8 g/t AuEq (8.1 g/t Au, 1.1 %Sb) from 738.0 m, including:
 - 2.3 m @ 39.5 g/t AuEq (32.9 g/t Au, 4.2 %Sb) from 742.8 m
- 4.0 m @ 5.1 g/t AuEq (4.8 g/t Au, 0.2 %Sb) from 842.0 m, including:
 - 1.0 m @ 19.4 g/t AuEg (18.3 g/t Au, 0.7 %Sb) from 842.0 m
- 3.6 m @ 5.4 g/t AuEq (5.4 g/t Au, 0.0 %Sb) from 852.6 m, including:
 - 0.4 m @ 49.6 g/t AuEq (49.6 g/t Au, 0.0 %Sb) from 854.2 m

A 180 m to 290 m (average 200 m) down dip extension of the mineralised zone from SDDSC077B



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
- o **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

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

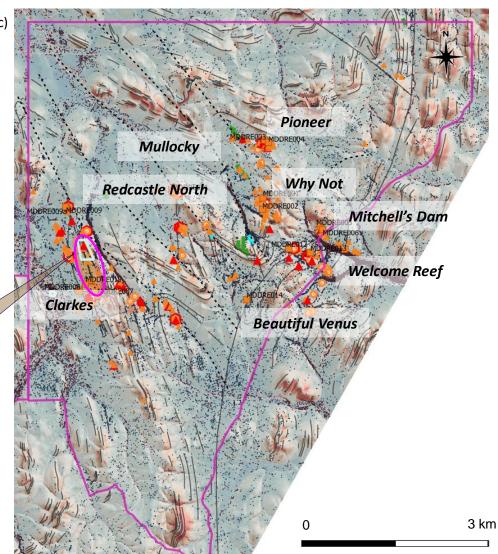
Alluvial gold showing

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

