

SOUTHERN CROSS GOLD

SUNDAY CREEK – VICTORIAN GOLDFIELDS
A SIGNIFICANT AUSTRALIAN GOLD DISCOVERY
23 OCTOBER 2023



Foundation Member



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 23 October 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 undertaken 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 in 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 www.southerncrossgold.com.au:

[27 October, 2021](#) MDDSC021, [30 May, 2022](#) SDDSC033, [4 October, 2022](#) SDDSC046, [21 November, 2022](#) SDDSC050, [14 December 2022](#) SDDSC050, [30 March, 2023](#) SDDSC061, [16 May, 2023](#) SDDSC064, [1 June, 2023](#) SDDSC066, [3 July, 2023](#) SDDSC067, [29 August, 2023](#) SDDSC068, [5 September, 2023](#) SDDSC077B

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.

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
- **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
- **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
- **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
- **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 AuEq (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**
- **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**
- **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
 - 37 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**
 - 24,555 m drilled so far in 2023
 - We plan to drill an additional 19,000 m by 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 (18 Oct 2023)	A\$0.78
Shares Issued	184.0M
Fully Diluted	203.9M
Basic Market Capitalisation	A\$143.5M
Cash (31 Aug 2023)	A\$11.75M

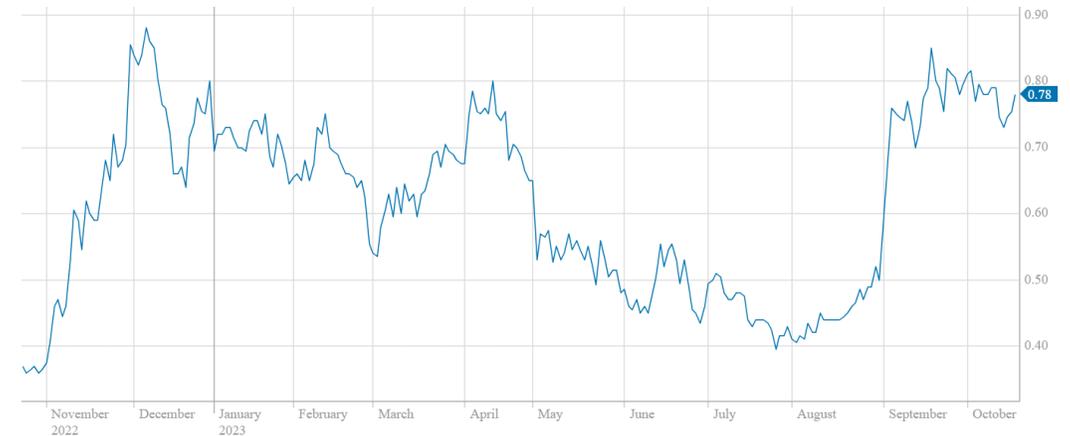
Major Shareholder Summary

	%
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

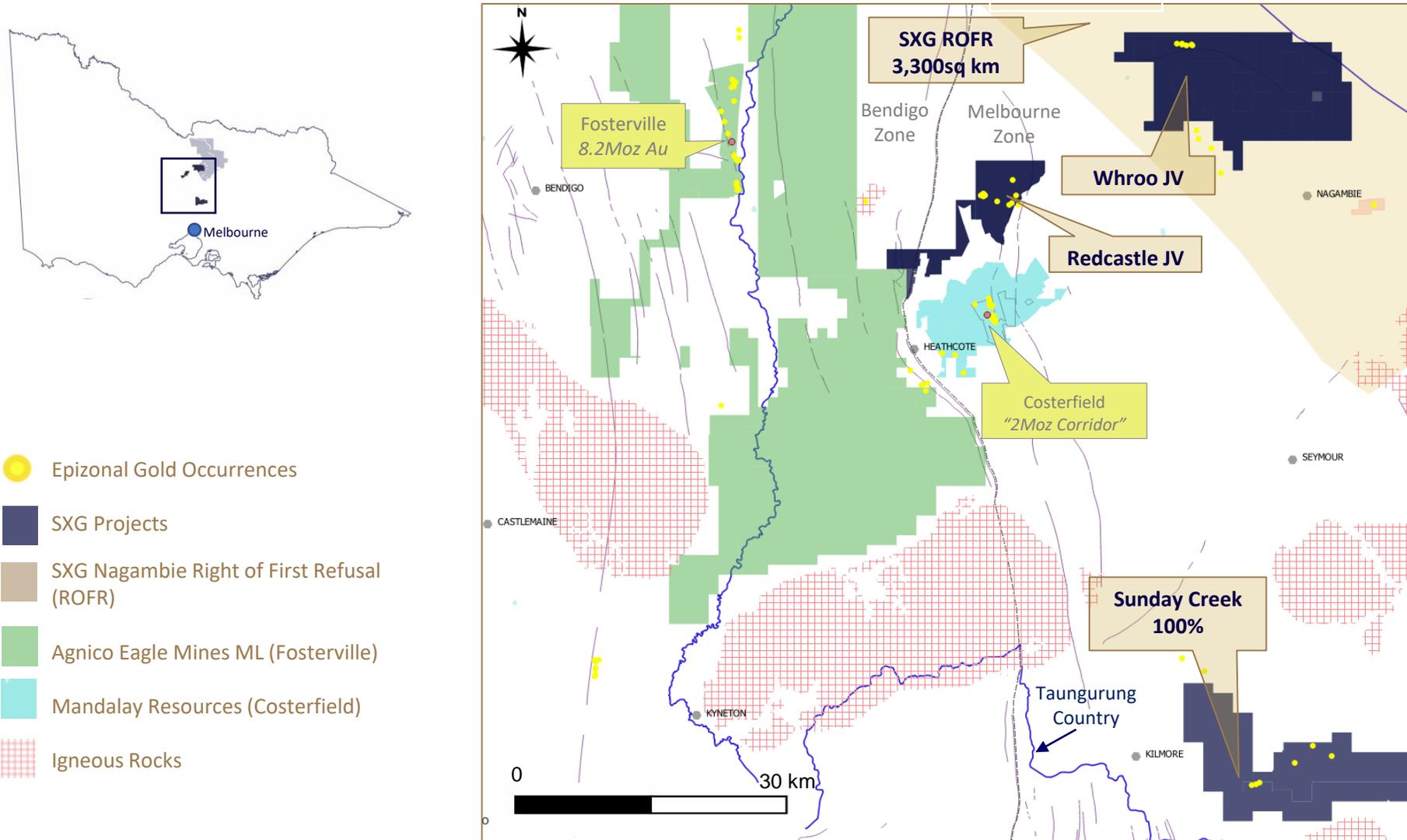
Other Data

Options @ A\$0.30	14.8M
Options @ A\$0.66	2.0M
Options @ A\$0.87	3.0M
Escrowed shares	93.9M
% Free Float	48.9%

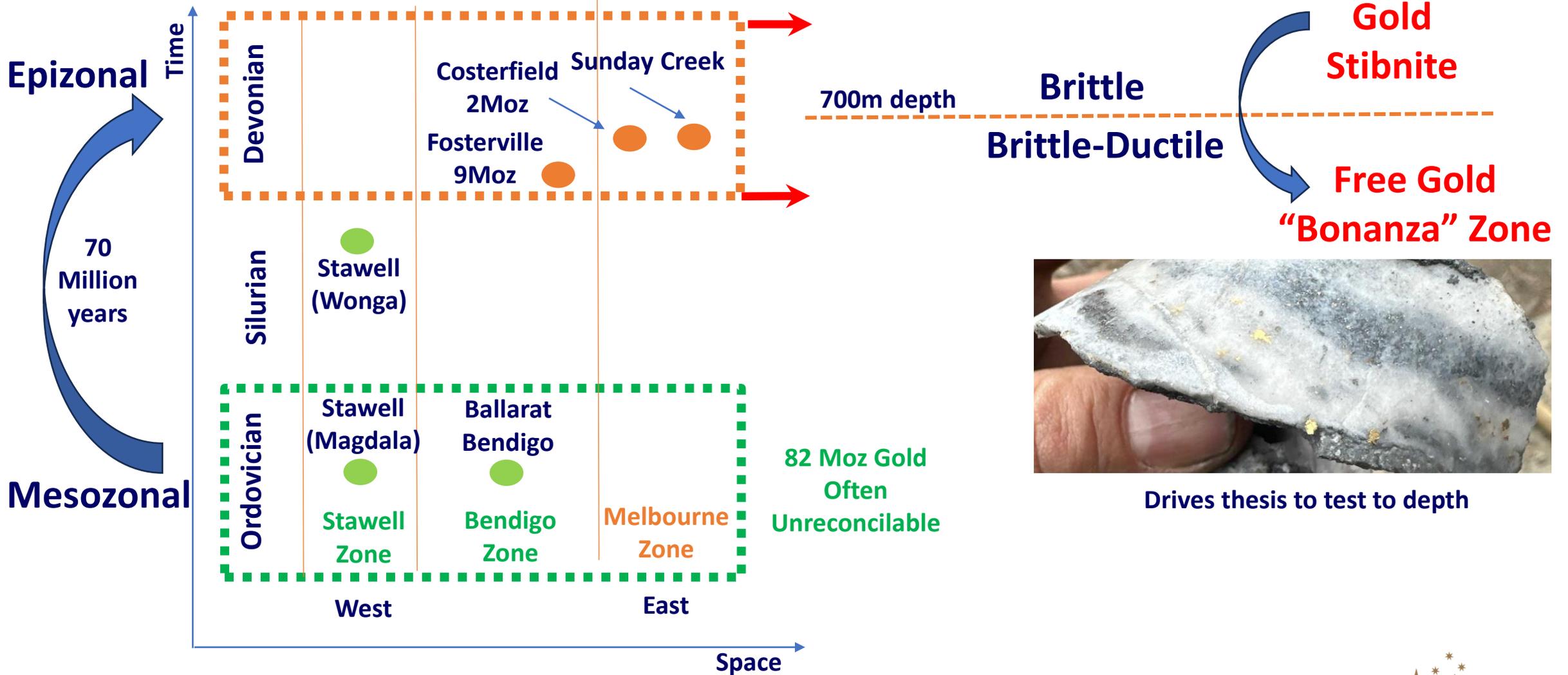
Share Price Performance – 1 Year



SXG – Controls three of the nine epizonal fields in Victoria

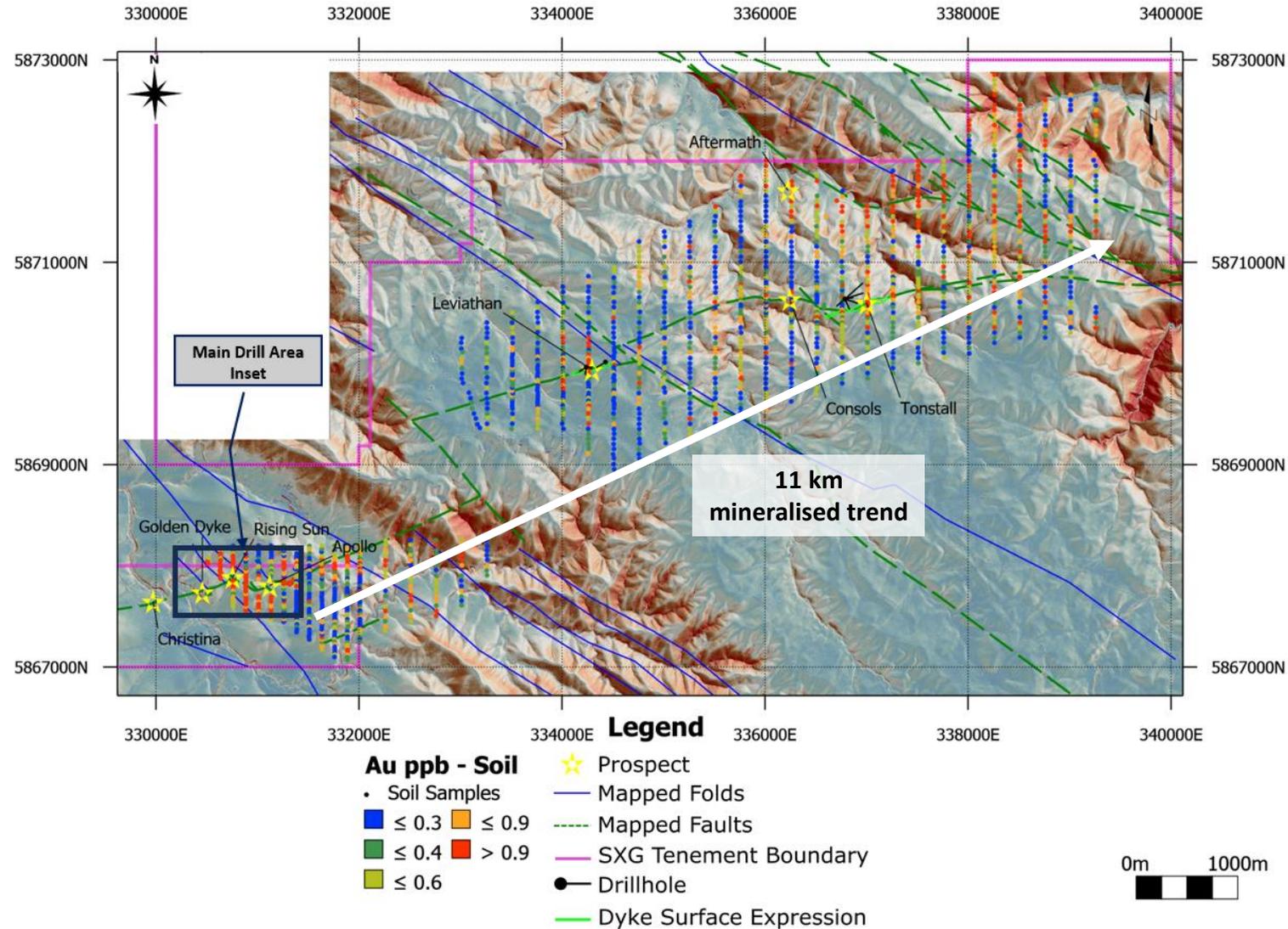


Victoria A Gift That Keeps on Giving



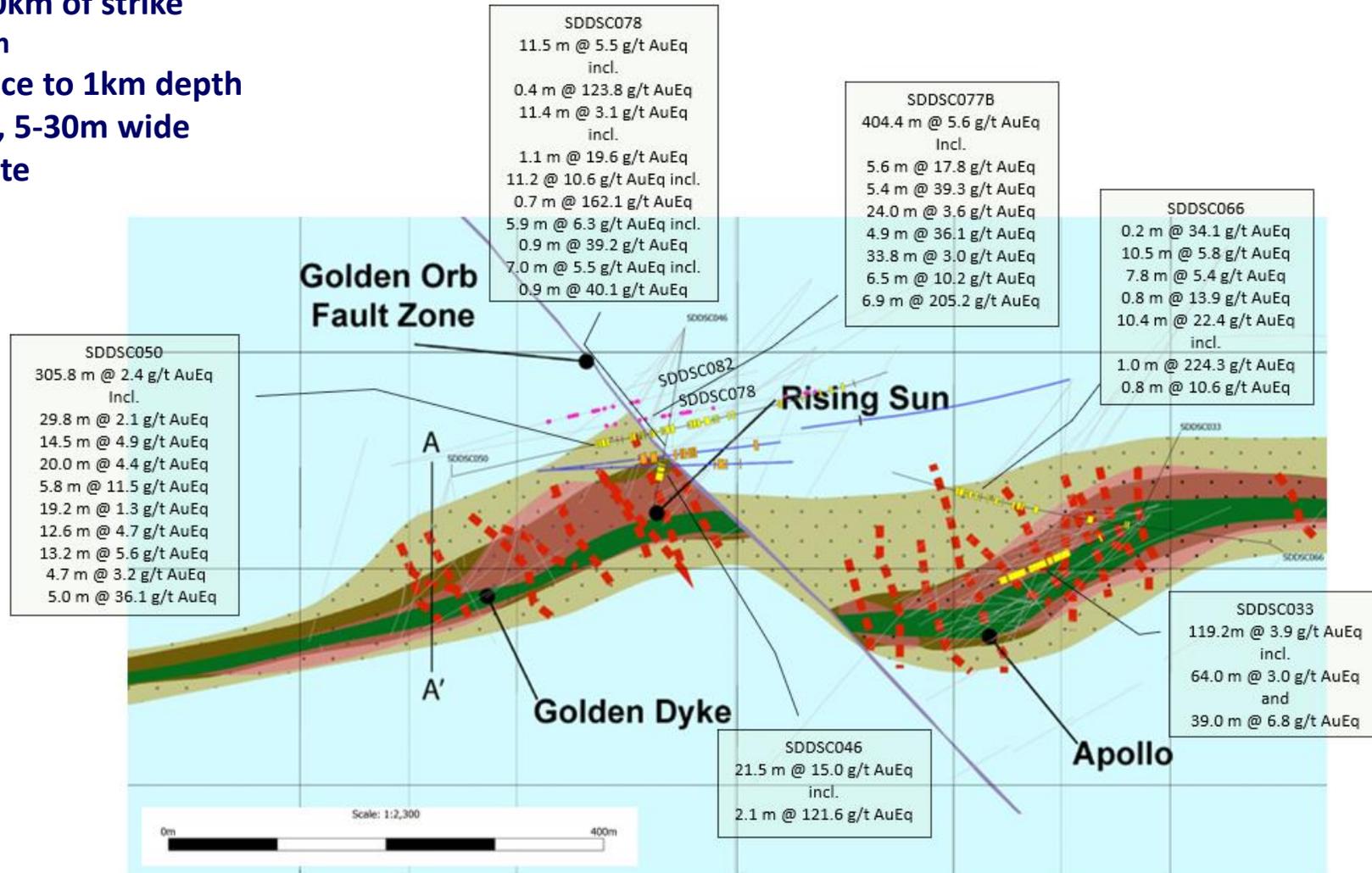
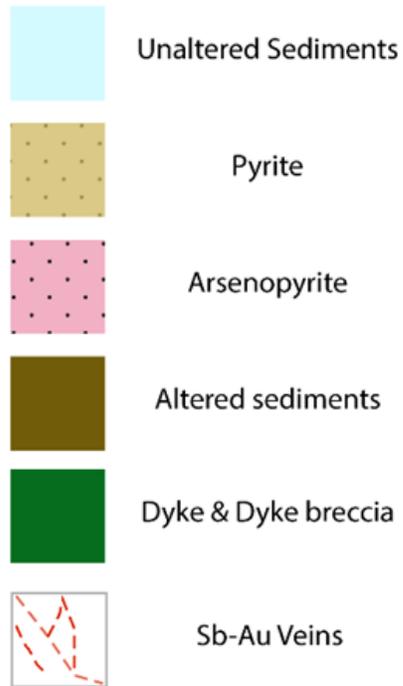
Drives thesis to test to depth

Regional Scale – Plan View

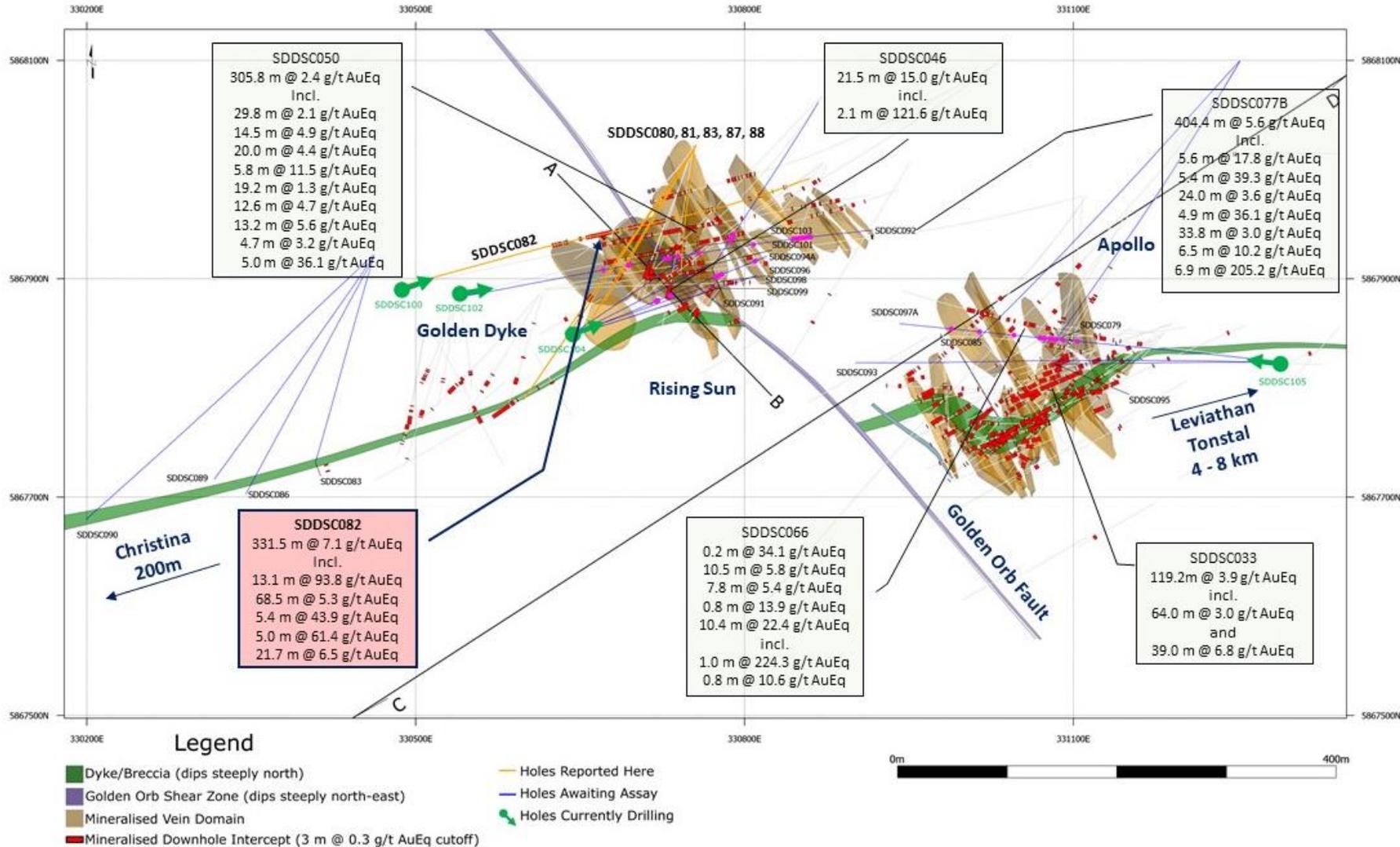


Schematic Plan View Main Drill Area – The Ladder

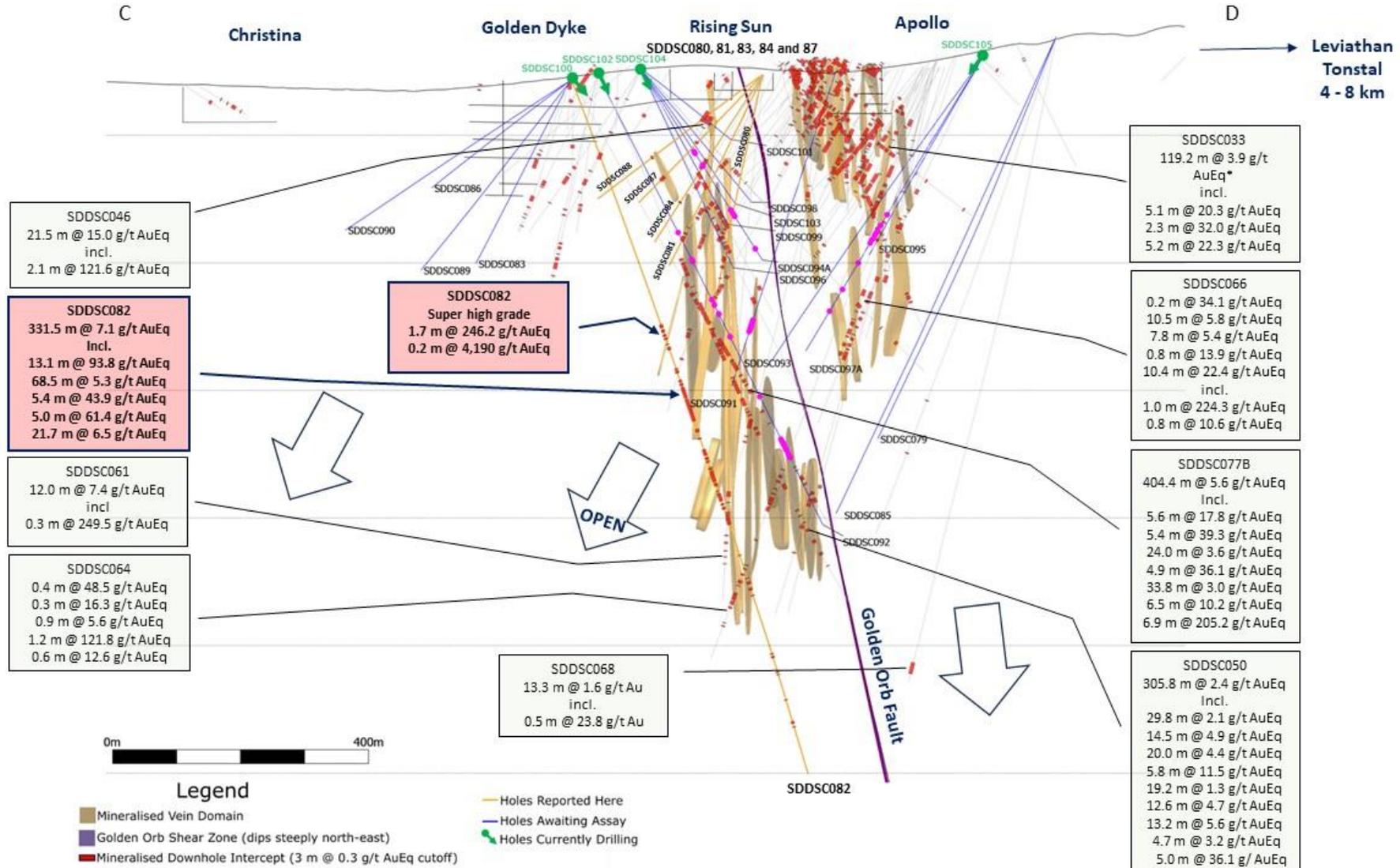
- Ladder rails extend over 10km of strike
 - Core area drilled over 1km
- “Rungs” extend from surface to 1km depth
- Each “rung” 20-100m long, 5-30m wide
- 23 “rungs” identified to date



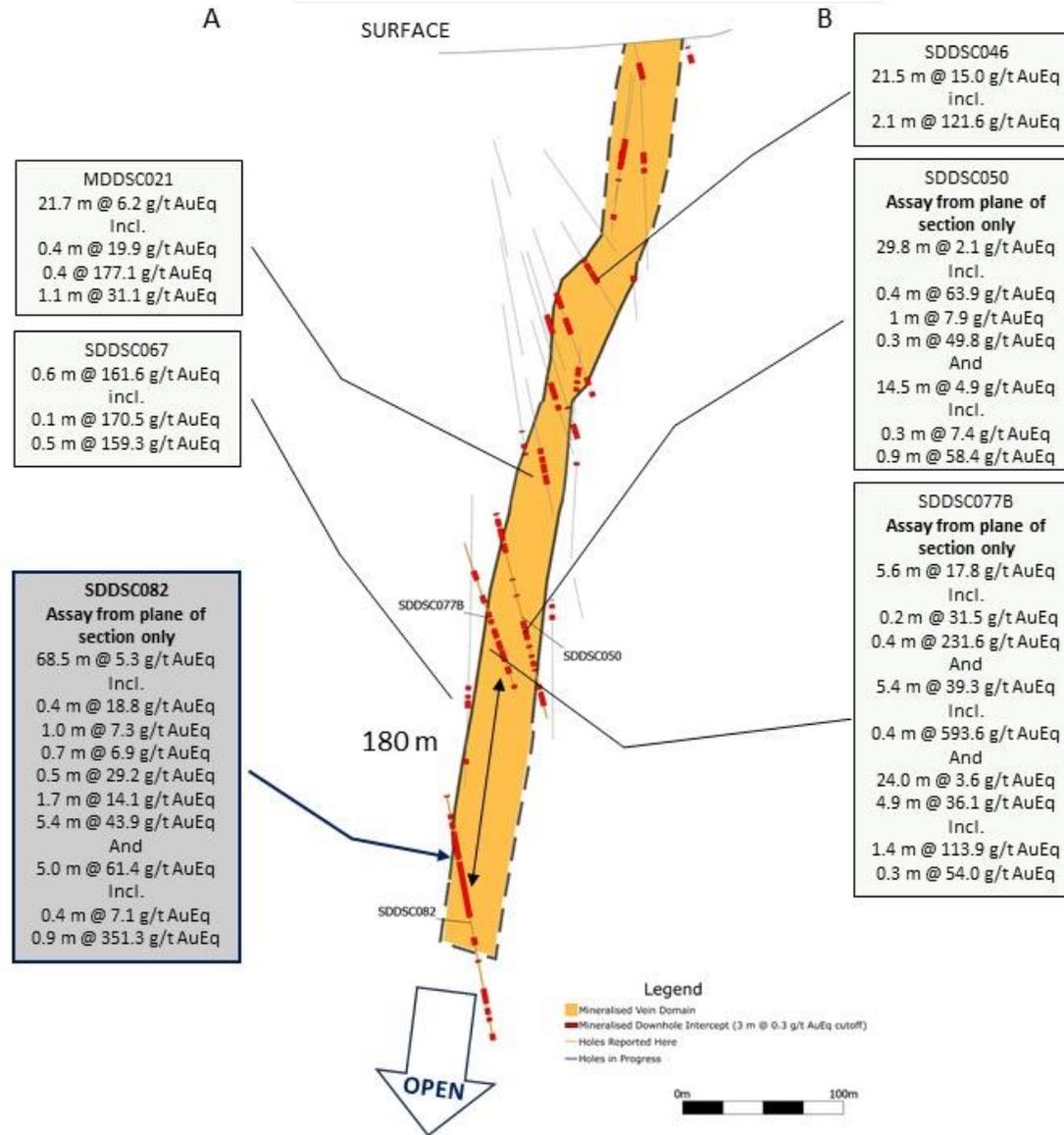
Schematic Plan Main Drill Area – Predictable and Continuous Host



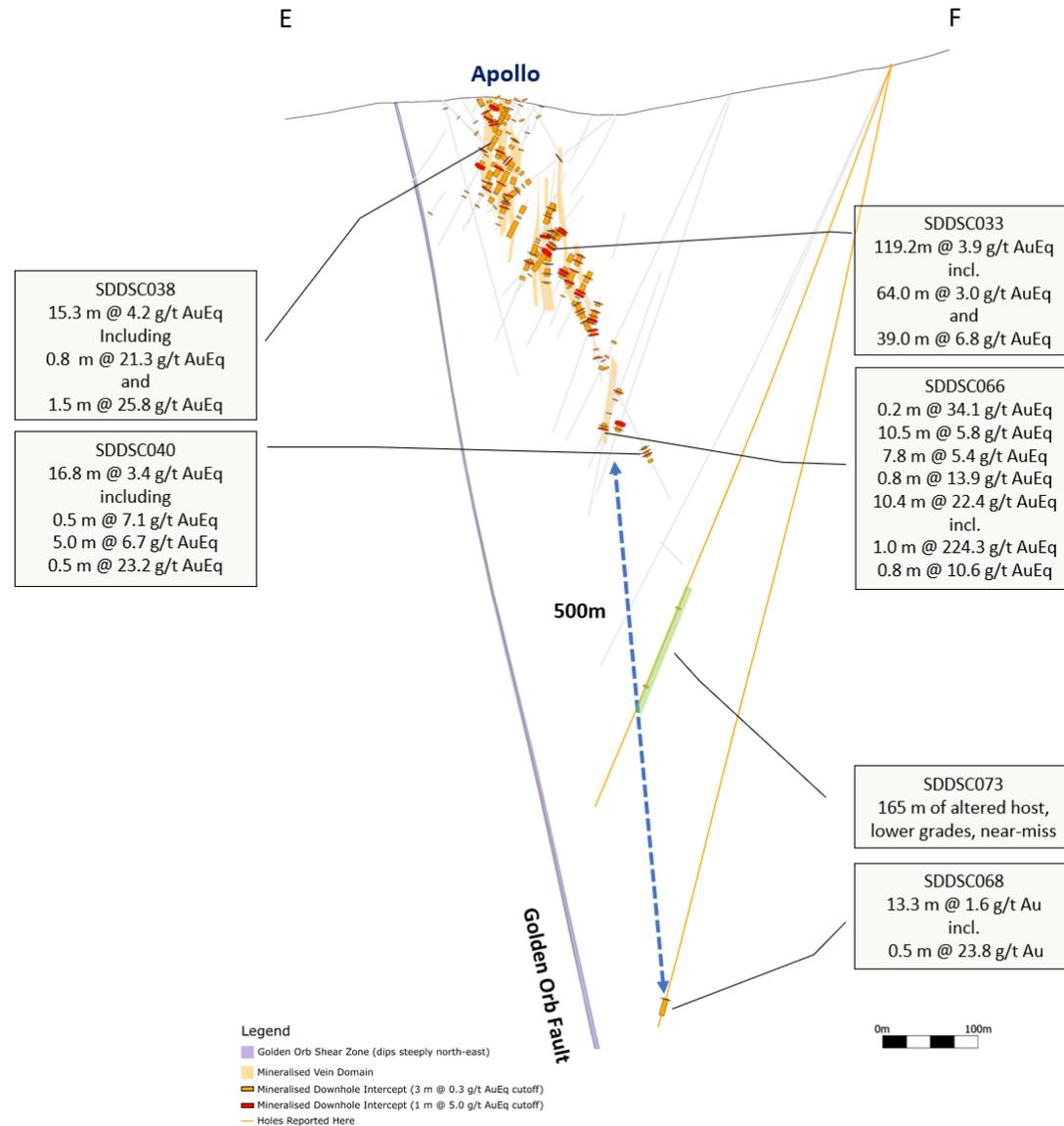
Sunday Creek – Longitudinal section



Rising Sun Cross Section



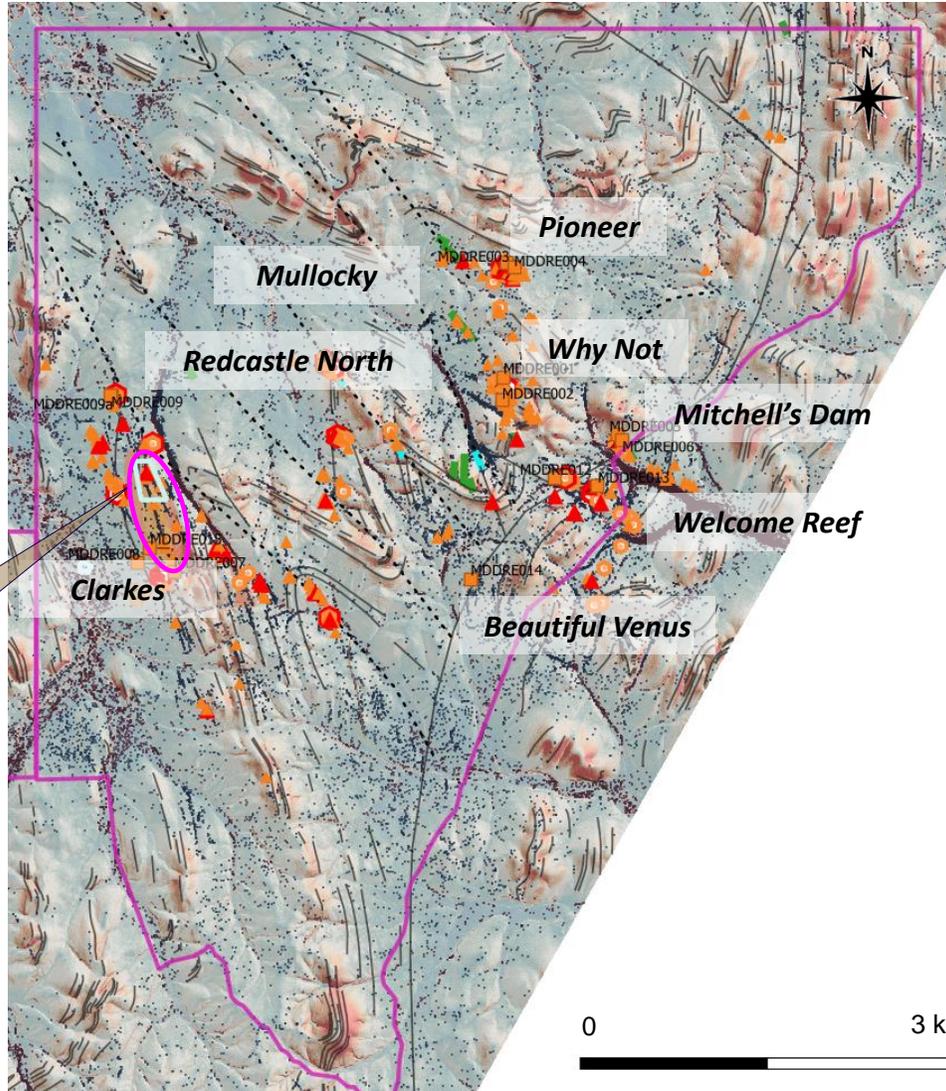
Apollo Cross Section



Redcastle

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

-  Drillhole Au > 5 g/t Au (historic)
-  Rockchip 5-63 g/t Au (historic)
-  Rockchip 1-5 g/t Au (historic)
-  3D IP Anomaly
-  Alluvial gold showing
-  Hard rock gold showing
-  Laura PL6415

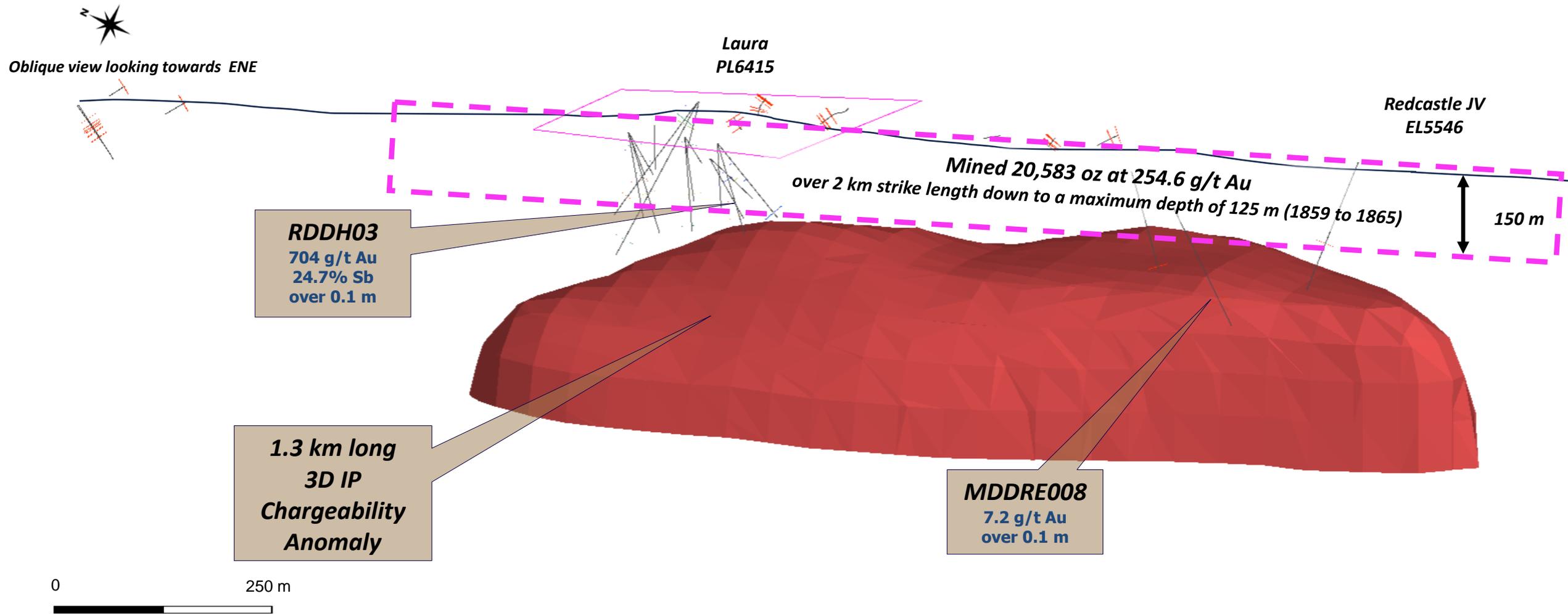


Laura
704 g/t Au
24.7% Sb
over 0.1 m

- **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

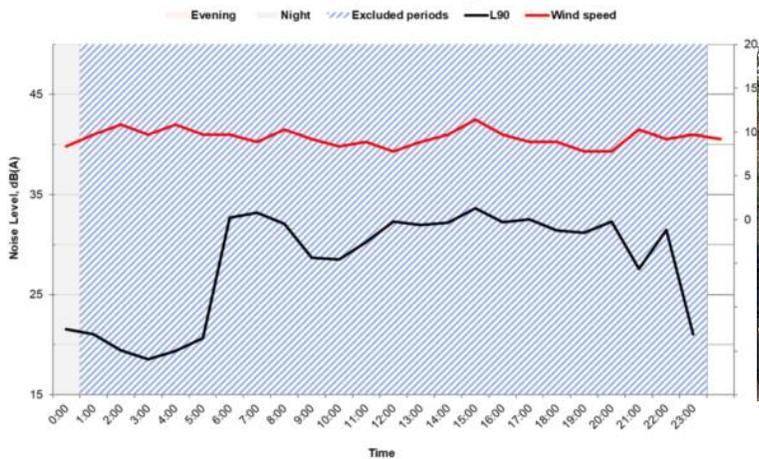
3D IP Chargeable Anomaly – at depth beneath Laura high-grade drilling and mines



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

ENVIRONMENTAL BASELINE STUDIES



STAKEHOLDER ENGAGEMENT

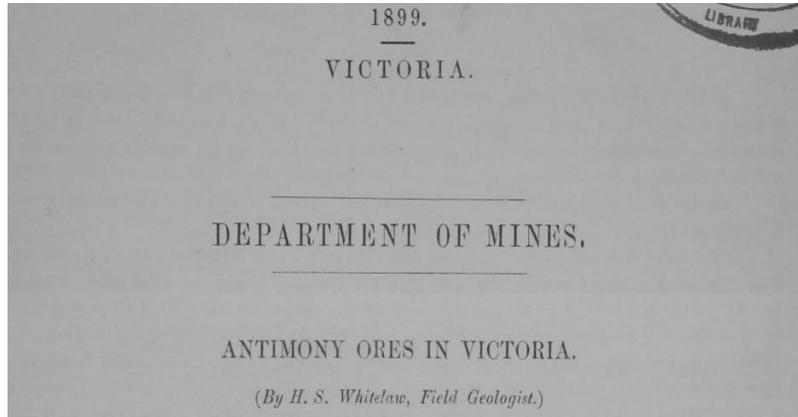


PRELIMINARY METALLURGICAL TESTWORK



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 Lasso 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 19,000 m by April 2024
 - 24,555 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 19,000 m by April 2024
 - 24,555 m drilled so far in 2023
- **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

Contact us

Company Secretary

Justin Mouchacca
JM Corporate Services
Level 21
459 Collins St
Melbourne Vic 3000

Registered Office

Level 21
459 Collins St
Melbourne Vic 3000

Email:

info@southerncrossgold.com.au

Website:

www.southerncrossgold.com.au

Sources for Slides**SXG Results**

[27 October, 2021](#) MDDSC021, [30 May, 2022](#) SDDSC033, [4 October, 2022](#) SDDSC046, [21 November, 2022](#) SDDSC050, [14 December 2022](#) SDDSC050, [30 March, 2023](#) SDDSC061, [16 May, 2023](#) SDDSC064, [1 June, 2023](#) SDDSC066, [3 July, 2023](#) SDDSC067, [29 August, 2023](#) SDDSC068, [5 September, 2023](#) SDDSC077B

