

**SOUTHERN CROSS
GOLD**

2023 Precious Metals Summit Beaver Creek

**SUNDAY CREEK – VICTORIAN GOLDFIELDS
A SIGNIFICANT AUSTRALIAN GOLD DISCOVERY**

12 SEPTEMBER 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 12 September 2023.

Summary information

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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.

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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 www.southerncrossgold.com.au:

[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.

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

SDDSC077B one of the top holes by any ASX-listed gold company this year

- Drill hole SDDSC077B **404.4 m @ 5.6 g/t AuEq (5.1 g/t Au, 0.3% Sb)** from 374.0 m (uncut)
 - Designed to demonstrate continuity of mineralised structures between 25 m to 65 m spacing around hole SDDSC050 (305 m @ 2.4 g/t AuEq traversing through thirteen high grade veins, reported 20 November 2022) at Rising Sun
 - SDDSC077B (cumulative 2,272 AuEq g/t x m) exceeded SDDSC050 (cumulative 852 AuEq g/t x m), the previous best hole, by almost three times
- SDDSC077B hole intersected 13 zones of mineralisation from 375 m to 787 m down hole depth with visible gold noted in 28 individual restricted zones.
- Seven intervals had >100 g/t Au (up to 2,679.8 g/t Au), 20 intervals had >15 g/t Au and 20 intervals had >5% Sb (up to 55.8% Sb) were intersected.
- The Rising Sun area remains open up-dip, down-dip and along strike. Drill hole SDDSC082 (in progress to a plan of 1,000 m) is targeting mineralisation 100 m below SDDSC077B and has intersected multiple zones of mineralisation from 413 m to the current depth of 870 m down hole. Visible gold has been noted in multiple individual restricted zones to date.

SDDSC077B one of the top holes by any ASX-listed gold company this year

- **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**

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 Tonal, 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\$141.7M
Cash (31 May 2023)	A\$15.2M

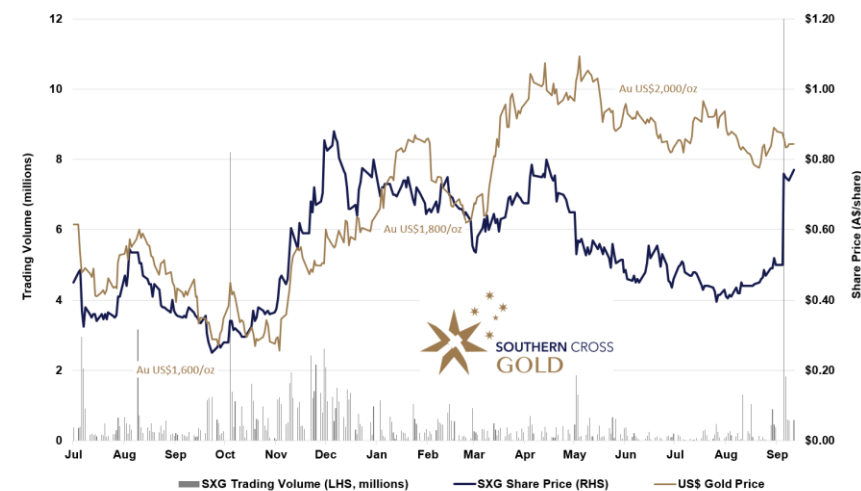
Major Shareholder Summary

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

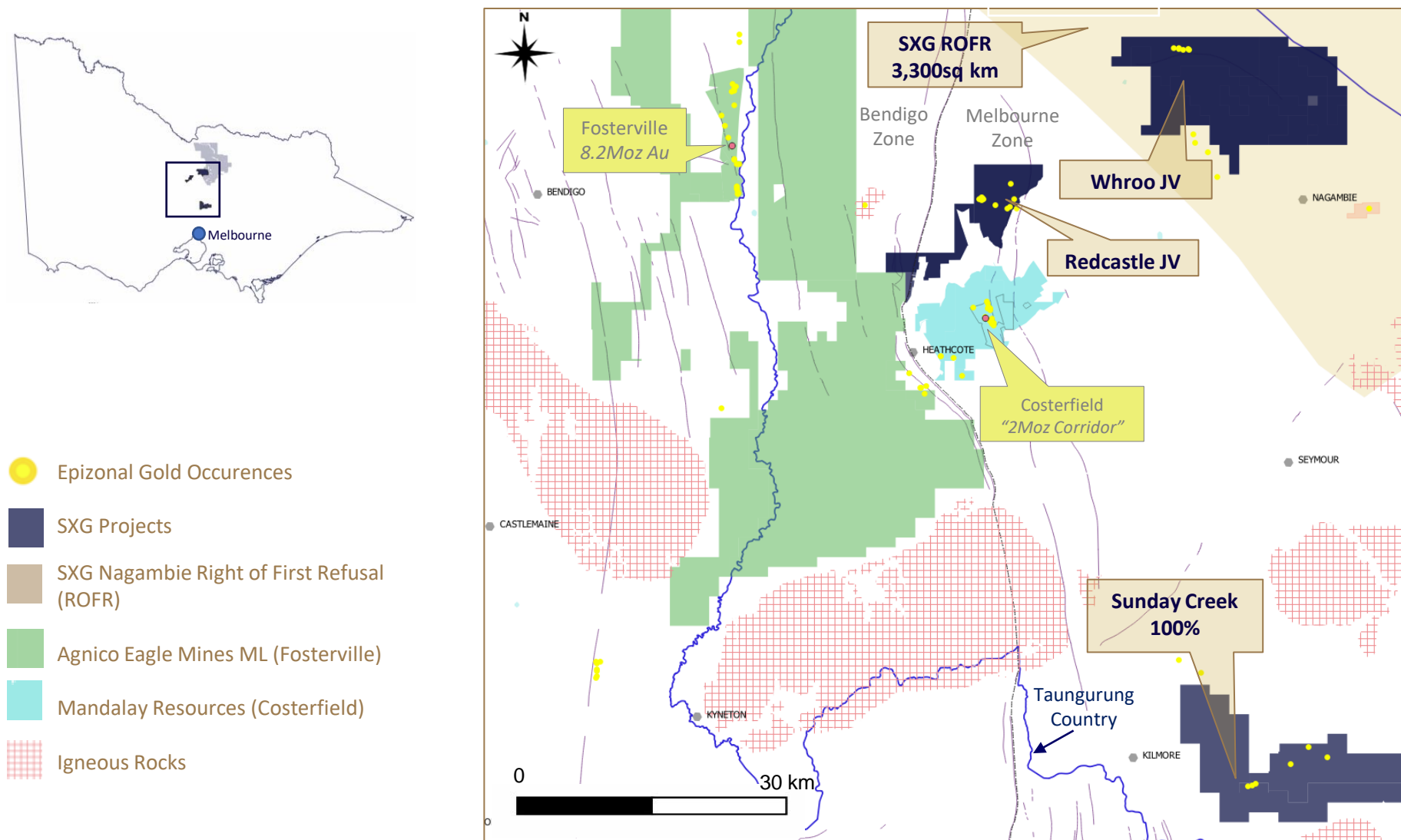
Other Data

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%

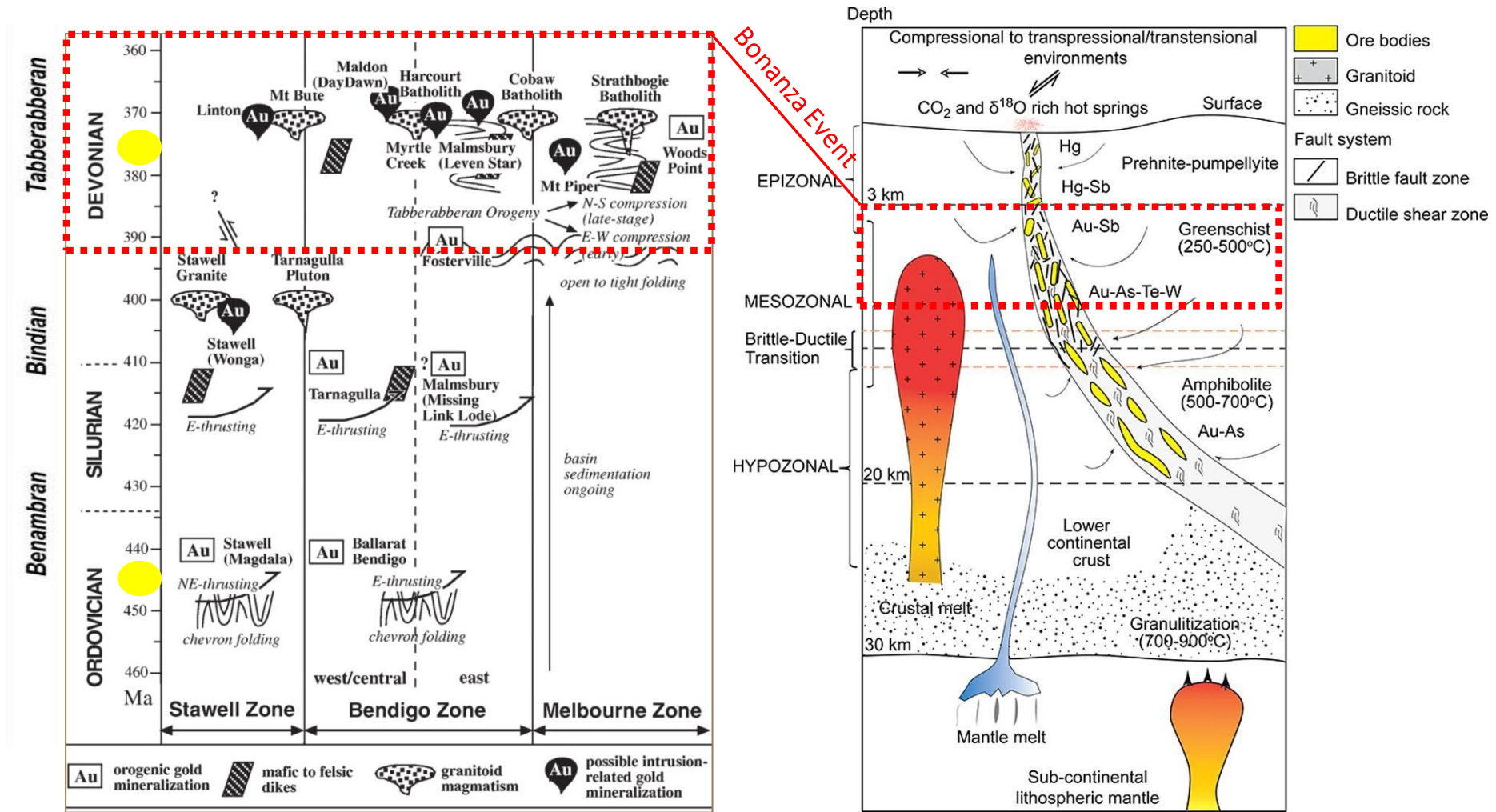
Share Price Performance – 1 Year



SXG – Controls three of the nine epizonal fields in Victoria



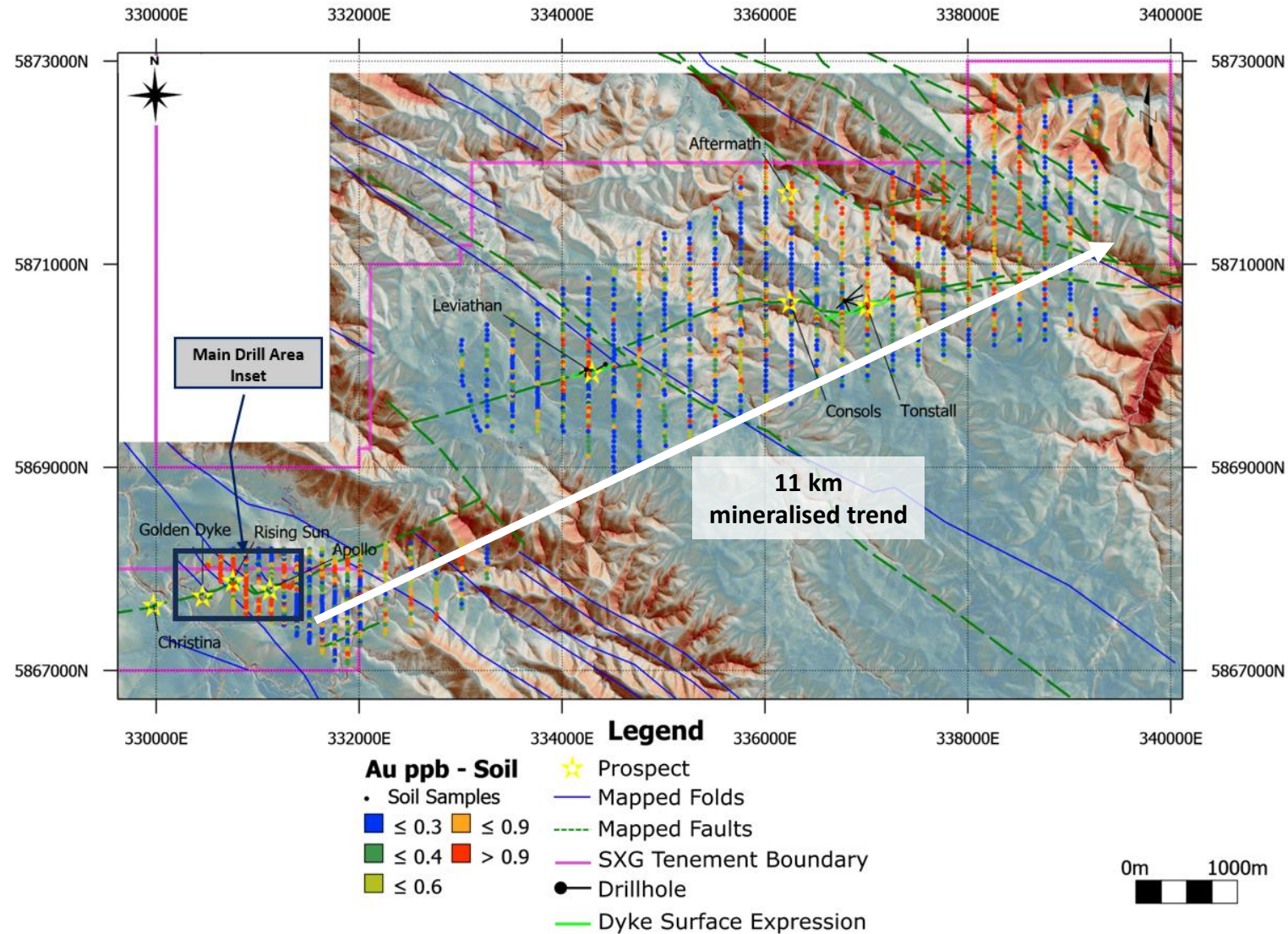
Our Focus



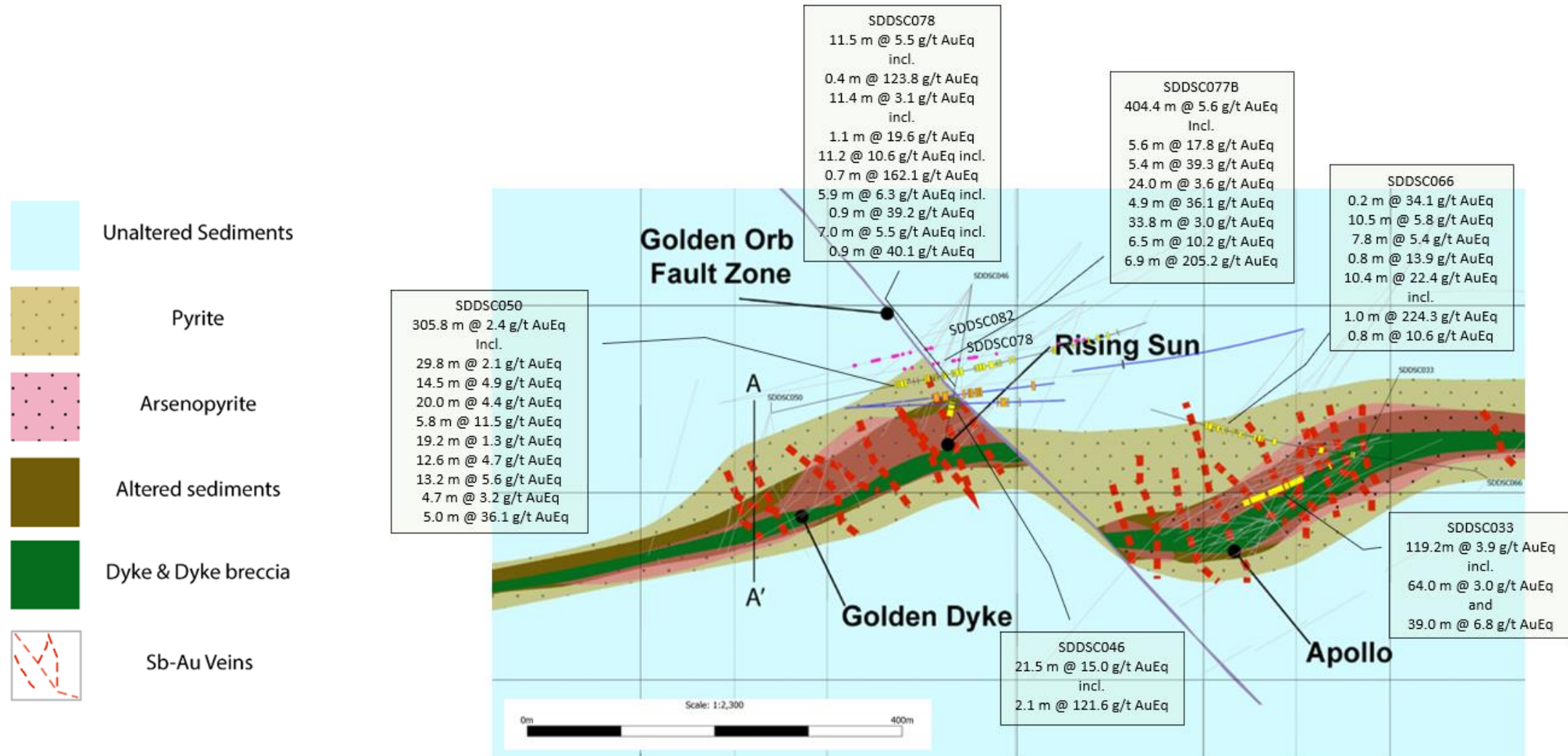
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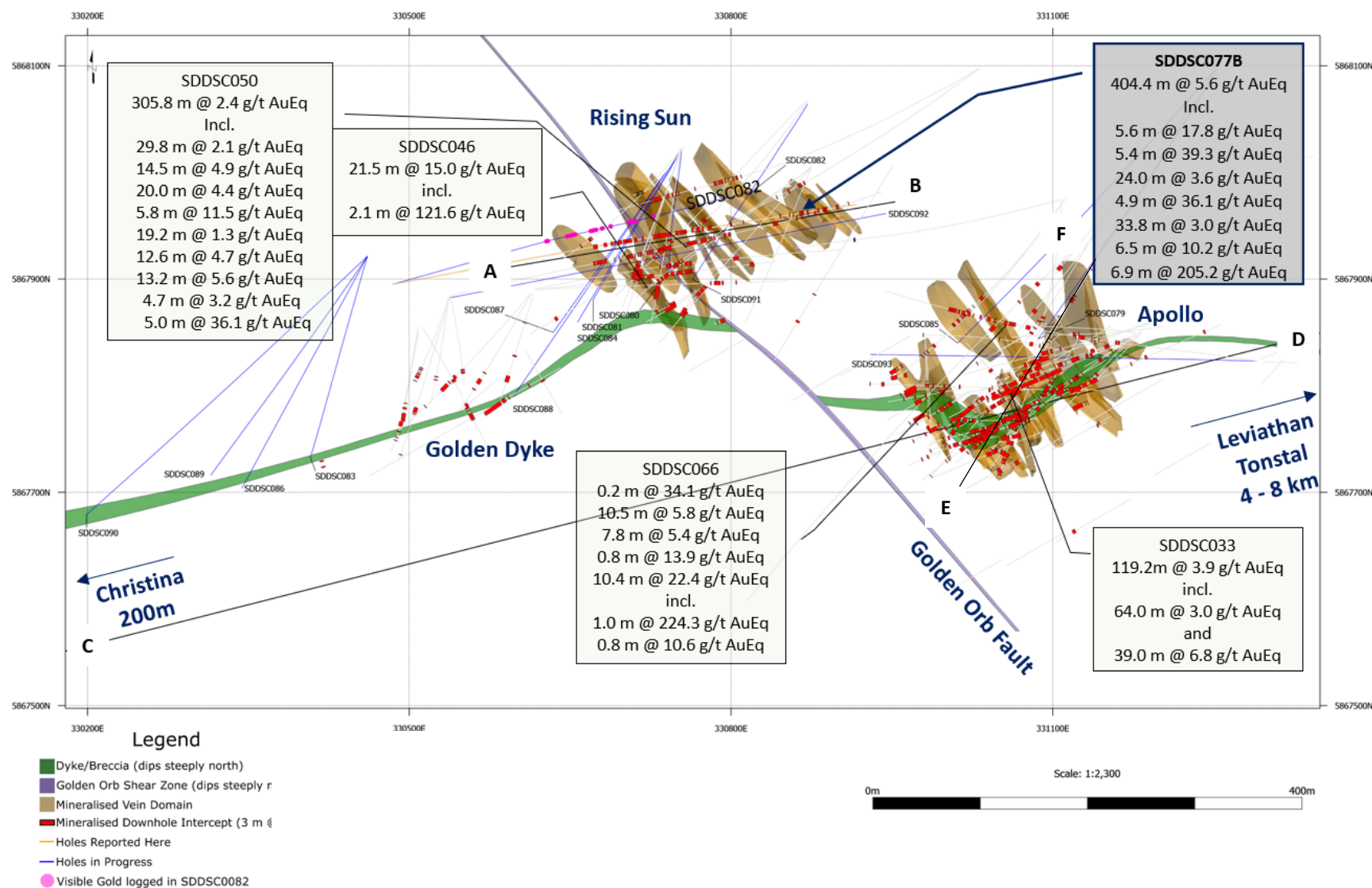
Regional Scale – Plan View



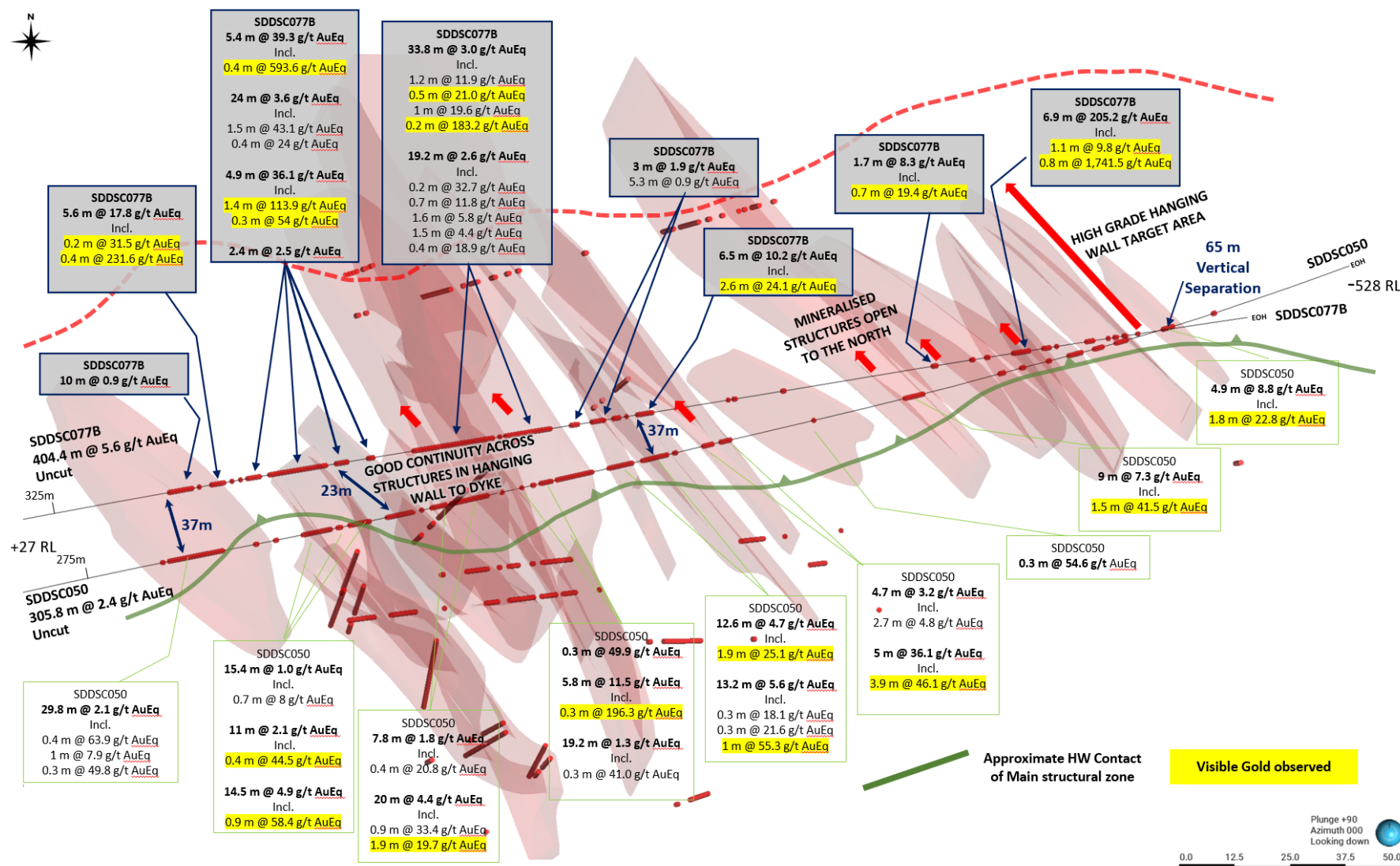
Schematic Plan View Main Drill Area



Schematic Plan Main Drill Area – Predictable and Continuous Host



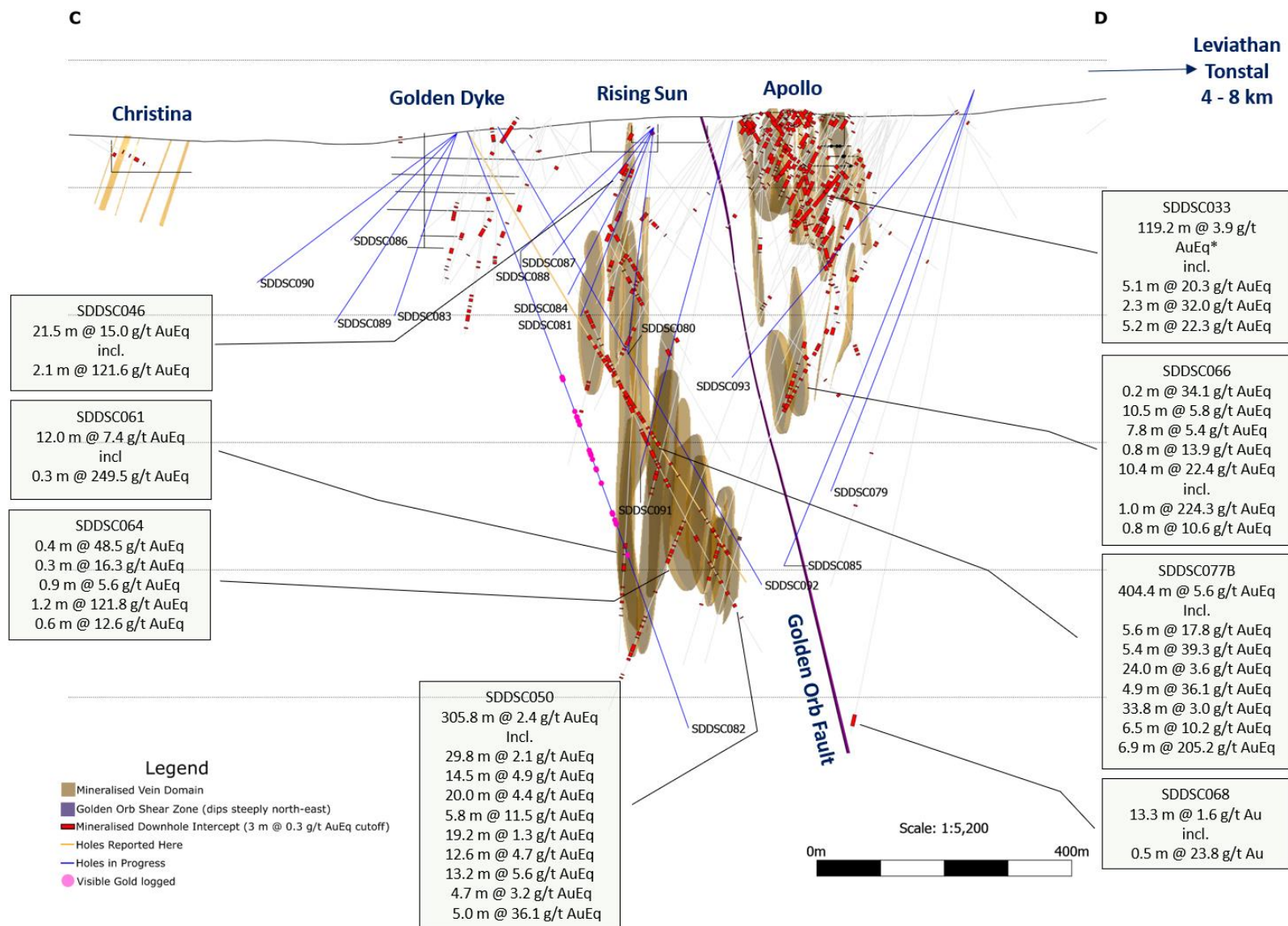
Rising Sun – Unconstrained plan view showing continuity and scale



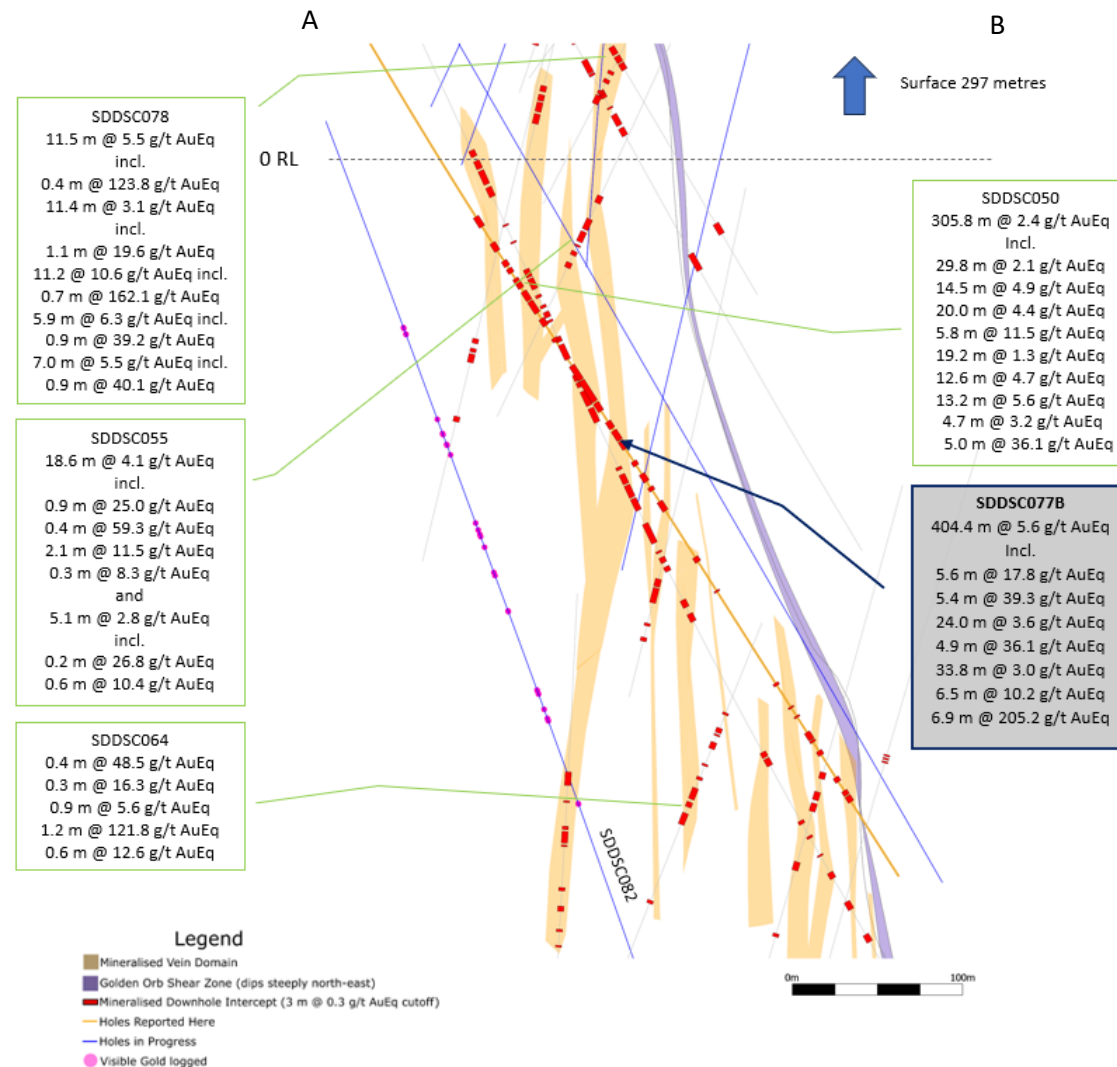
SDDSC077B intersected **404.4 m @ 5.6 g/t AuEq (5.1 g/t Au, 0.3 %Sb)** from 374.0 m (uncut), and traverses 13 individual high grade vein sets

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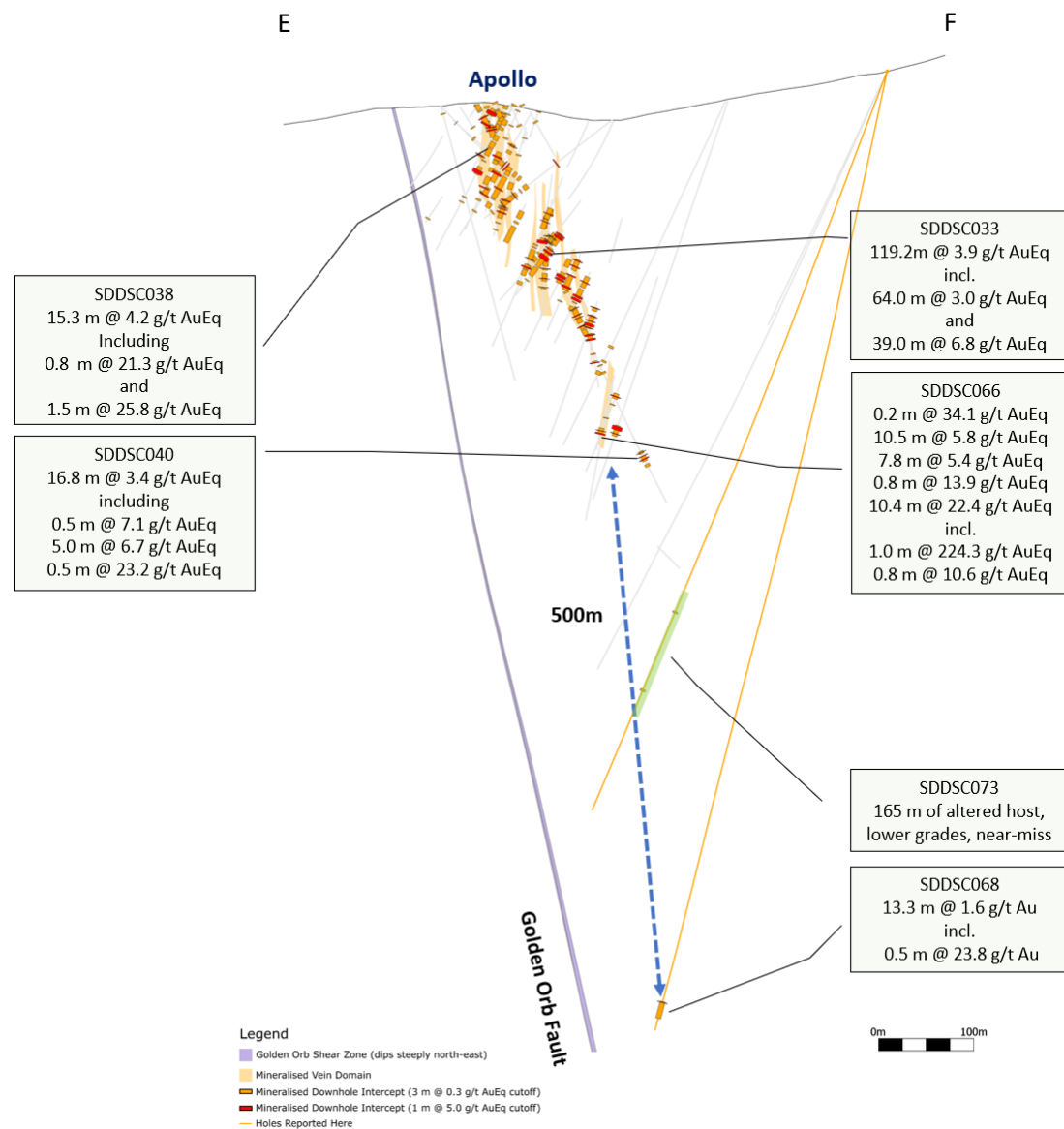
Sunday Creek – Longitudinal section



Rising Sun Cross Section

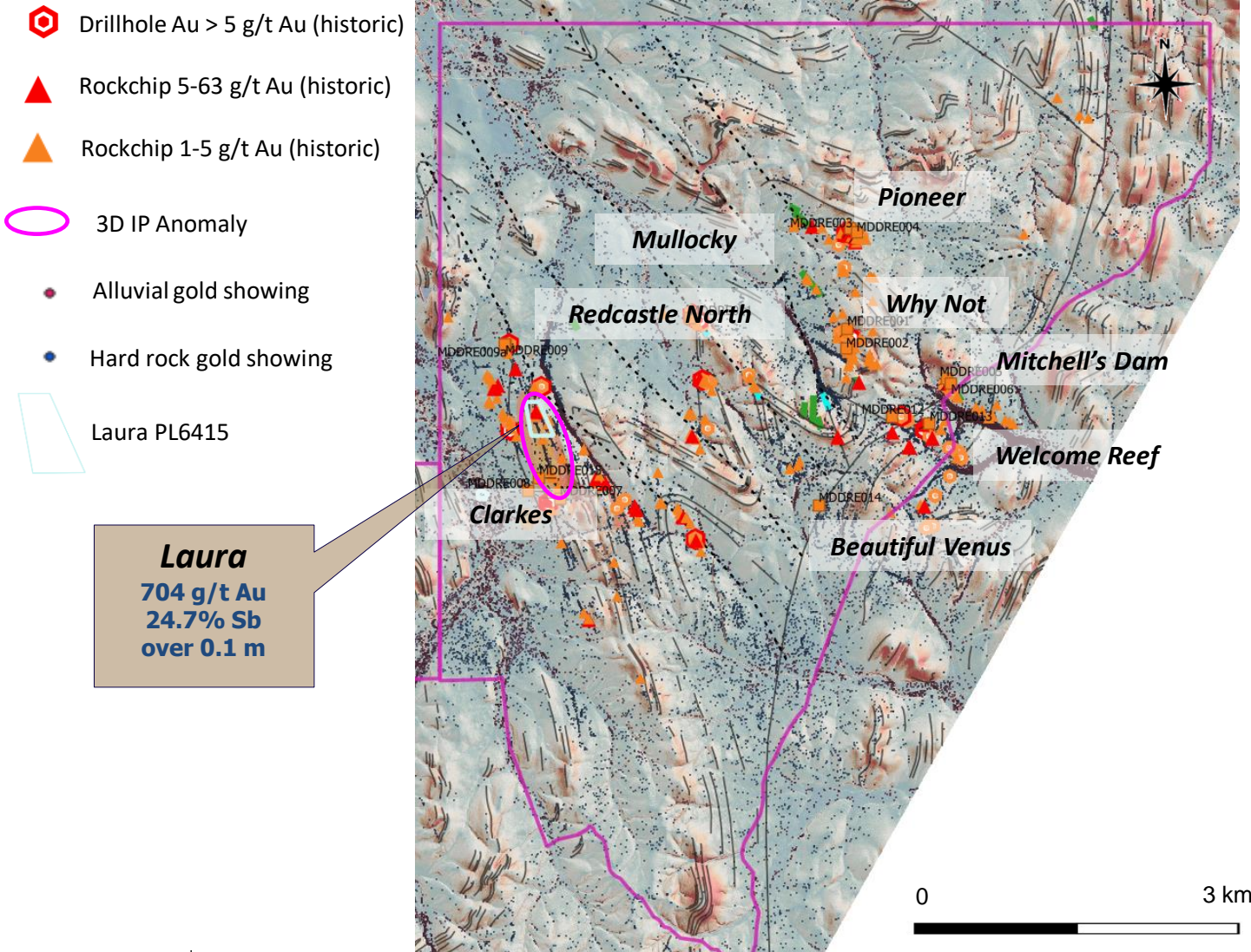


Apollo Cross Section



Redcastle

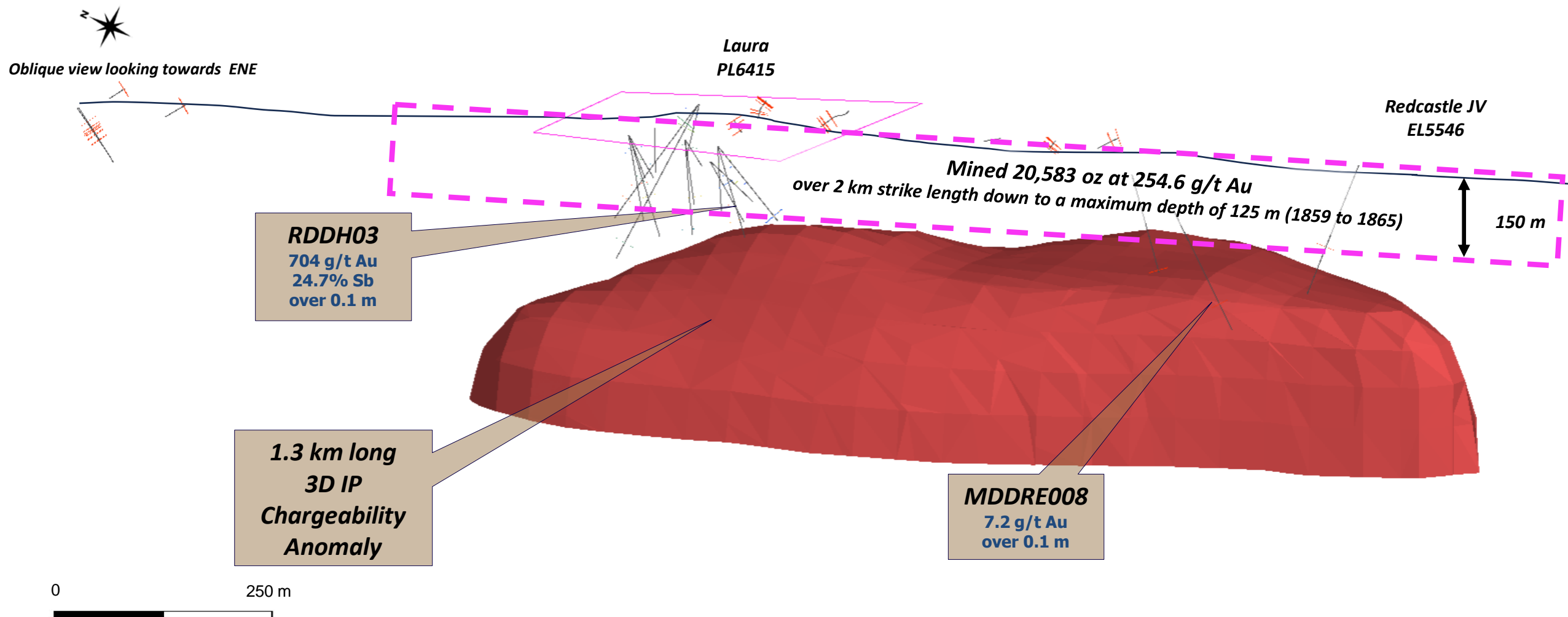
Laura Acquisition: Drill discovery, next project at scale – 17km of workings to test



- 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

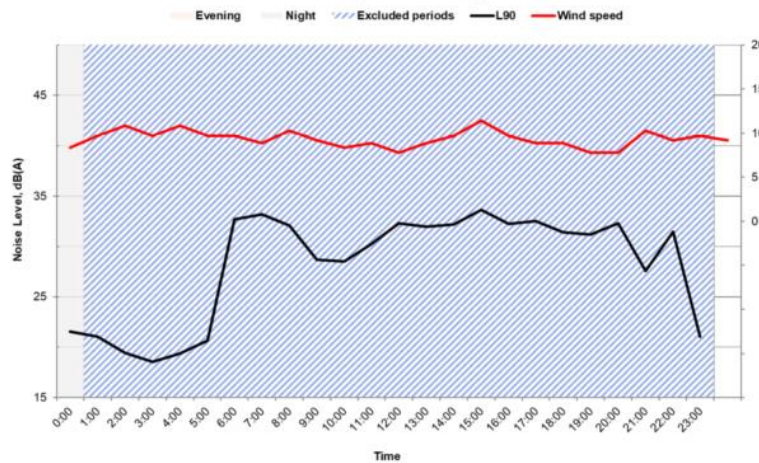
3D IP Chargeable Anomaly – at depth beneath Laura high-grade drilling and mines



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

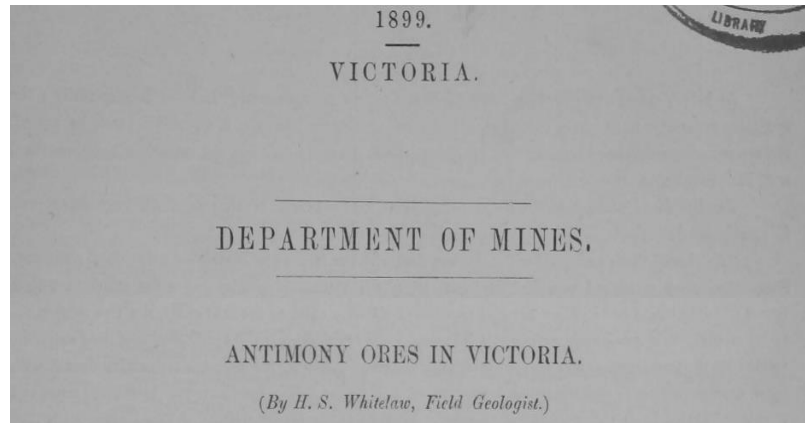


PRELIMINARY METALLURGICAL TESTWORK



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

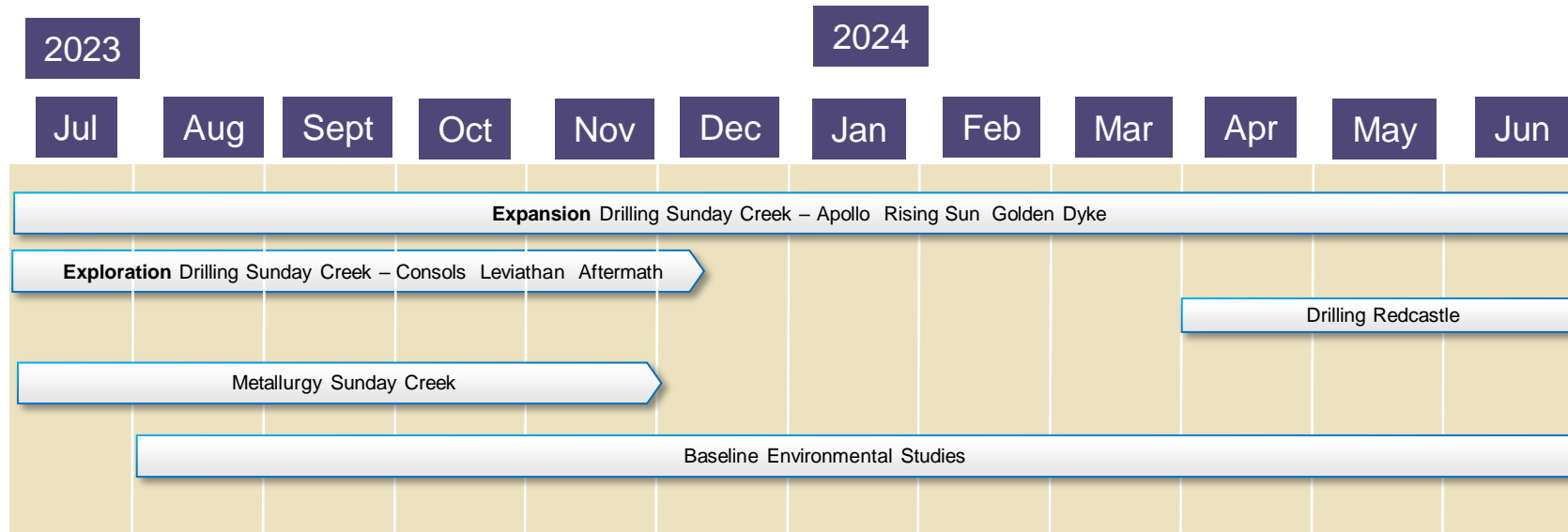
- Geologist with over 50 years' experience in the mining industry including 20 years in managing public-listed companies
- Associated with many mineral discoveries worldwide including in Australia, Peru & Finland



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 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**
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 - The plan is to drill an additional 26,000 m by April 2024
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- **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

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Sources for Slides**SXG Results**

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