

13 November 2024

CLOSE SPACED DRILLING AT RISING SUN CONFIRMS CONTINUITY

Includes 1.3 m @ 52.6 g/t Gold from 730.0 m

Melbourne, Australia — Southern Cross Gold Ltd ("SXG" or the "Company") (ASX:SXG) announces results from five navigational diamond drill holes (SDDSC050W1, 050W2, 092W1, 092W2 and 092W3) at the Rising Sun prospect, at the 100%-owned Sunday Creek Gold-Antimony Project in Victoria (Figure 5).

HIGHLIGHTS

- The NAVI drill program successfully demonstrated:
 - o **Predictability of structure:** mineralised vein sets were intercepted as planned.
 - Predictability of grade: The Coefficient of Variation ("CV") maintained a consistently low value before and after detailed drilling in each vein set, providing confidence in the geological model and consistency of grade within the model.
 - Additional gold-antimony mineralised vein sets were discovered by the detailed drilling.
 - The successful execution of the detailed drill program demonstrated it will be a key method during future infill drill programs.
- **SDDSC050W2** successfully confirmed geological and grade continuity of four high-grade vein sets. Selected highlights include:
 - 1.3 m @ 52.6 g/t AuEq (52.6 g/t Au, 0.0% Sb) from 730.0 m
 - 0.1 m @ 173.0 g/t AuEq (173.0 g/t Au, 0.0% Sb) from 739.1 m
- **SDDSC092W3** intercepted extensive untested mineralisation as well as confirming geological continuity at 15 m to 30 m separation from mineralisation defined in the parent hole. Selected highlights include:
 - o **0.6 m @ 10.1 g/t AuEq** (6.3 g/t Au, 2.0% Sb) from 636.1 m, including:
 - **0.5 m @ 11.4 g/t AuEq** (7.3 g/t Au, 2.1% Sb) from 636.1 m
 - 0.2 m @ 29.8 g/t AuEq (9.1 g/t Au, 11.0% Sb) from 663.1 m
 - o **3.4 m @ 3.1 g/t AuEg** (0.9 g/t Au, 1.2% Sb) from 666.9 m, including:
 - **0.7 m @ 13.9 g/t AuEq** (4.0 g/t Au, 5.3% Sb) from 669.6 m
 - 0.3 m @ 81.4 g/t AuEq (62.2 g/t Au, 10.2% Sb) from 674.3 m
 - 8.5 m @ 1.4 g/t AuEq (0.6 g/t Au, 0.4% Sb) from 683.8 m
 - o **1.7 m @ 4.6 g/t AuEg** (1.7 g/t Au, 1.5% Sb) from 696.3 m, including:
 - **0.4 m @ 15.8 g/t AuEq** (3.8 g/t Au, 6.4% Sb) from 697.6 m
- Ongoing Exploration: 60 km of diamond drilling is planned at Sunday Creek over the next year. Twelve holes are currently being processed and analysed with an additional five holes in progress. Five rigs are operating, and a sixth rig is due late November 2024.



Michael Hudson, Managing Director of SXG states: "Understanding grade continuity is crucial for high-grade gold deposits. The NAVI drill program demonstrated predictability of mineralised structures and showed the CV maintained a consistently low value (~1.6) before and after the detailed NAVI drilling. Low variability or low CV lowers geological risk and reduces the cost of capital, requiring less drilling to provide more confidence in the geological model.

"Additionally, the discovery of new gold-antimony mineralised vein sets intersected by the detailed drill spacing where earlier broader spaced drilling had not previously tested augurs well for discovery of further mineralisation with increased drilling density.

"SXG continues to expand and derisk this globally significant gold discovery with 12 holes currently being processed and analysed, and five holes in progress as part of an ongoing 60 km drill program, that is set to more than double the drill metres into the Sunday Creek project over the next year."

Drill Hole Discussion

SXG commenced the detailed drilling program in June 2024 and announces results from five navigational ("NAVI") diamond drill holes (SDDSC050W1, 050W2, 092W1, 092W2 and 092W3) (Figures 1 to 3). NAVI drilling is a specialised drilling application utilising down hole motors to make alterations to the direction of a diamond core drill hole. Detailed drilling was undertaken around high-grade areas with the aim to build further confidence of grade continuity between high-grade intersections by drilling branch holes off an already drilled 'parent hole'. NAVI drilling also has the advantage of saving drill metres by utilising an existing parent hole.

Five navigational "daughter" holes were drilled at the Rising Sun prospect from existing parent holes (SDDSC050 and SDDSC092). All holes were considered successful in their goal of proving continuity of geology and grade in close spacing (12 m - 25 m) and additionally intercepted grade in previously untested areas.

The NAVI drill program successfully demonstrated:

- 1. Predictability of intercepting mineralised veins sets at interpreted positions.
- 2. The CV maintained a consistent low value (average of 1.63 (pre NAVI drilling) to 1.65 (post NAVI drilling)) for all of the six veins intersected by the NAVI program (based on uncut, sample composites). This provides confidence in both continuity at all grades and the robustness of the geological model. It also suggests the current broader drill spacing across the Sunday Creek deposit supports the geological/resource modelling assumptions and methodology.
- 3. Additional gold-antimony mineralised vein sets were intersected by the detailed drill spacing provided by the NAVI drilling in areas where earlier broader spaced drilling had not previously tested. This augurs well for the discovery of further mineralisation with increased drilling.
- 4. The successful execution of the NAVI drill program demonstrated it will be a key method during future infill drill programs.

Holes **SDDSC092W1**, **SDDSC092W2** and **SDDSC092W3** were drilled to test up dip extension of mineralisation on the margins of the Golden Orb Fault. **SDDSC092W1**, **SDDSC092W2** drilled through the Golden Orb Fault earlier than predicted and therefore failed to test the Rising Sun mineralisation. However, the holes intercepted high grade gold and antimony mineralisation in a previously undrilled zone before the Rising Sun target area. Drill hole **SDDSC092W3**, drilled below the Golden Orb Fault, also intercepted the untested mineralisation as well as confirming geological continuity at 15 m to 30 m separation from mineralisation defined in the parent hole.

- **SDDSC092W1** was collared at 610.1 m and core drilling commenced at 647 m. The drillhole intercepted previously untested mineralisation higher in the hole before intersecting the Golden Orb Fault. Highlights include:
 - **4.0 m @ 6.9 g/t AuEq** (5.3 g/t Au, 0.8% Sb) from 648.5 m, including:



- o **1.7 m @ 14.5 g/t AuEq** (12.0 g/t Au, 1.3% Sb) from 650.4 m
- **SDDSC092W2** was collared at 613.5 m down SDDSC092 and core drilling commenced at 648.6 m. This drillhole intercepted untested mineralisation between known vein surfaces and confirmed continuity on the RS90 vein set, 22 m from the parent hole. Highlights include:
 - 1.5 m @ 7.3 g/t AuEq (1.6 g/t Au, 3.0% Sb) from 648.6 m, including:
 - o **1.1 m @ 8.8 g/t AuEq** (1.8 g/t Au, 3.7% Sb) from 648.6 m
 - **0.2 m @ 31.0 g/t AuEq** (31.0 g/t Au, 0.0% Sb) from 701.3 m
 - **4.7 m** @ **0.8 g/t AuEq** (0.8 g/t Au, 0.0% Sb) from 712.3 m
- SDDSC092W3 was collared at 613.5 m and core drilling commenced at 636.1 m. This drillhole
 intercepted extensive untested mineralisation before the RS80 vein set as well as confirming geological
 continuity at 15 m to 30 m separation from the parent hole on the RS80 and RS90 vein sets. Highlights
 include:
 - 0.6 m @ 10.1 g/t AuEq (6.3 g/t Au, 2.0% Sb) from 636.1 m, including:
 - o **0.5 m @ 11.4 g/t AuEq** (7.3 g/t Au, 2.1% Sb) from 636.1 m
 - **2.0 m @ 1.9 g/t AuEq** (0.9 g/t Au, 0.5% Sb) from 658.0 m
 - **0.2 m @ 29.8 g/t AuEq** (9.1 g/t Au, 11.0% Sb) from 663.1 m
 - **3.4 m** @ **3.1 g/t AuEq** (0.9 g/t Au, 1.2% Sb) from 666.9 m, including:
 - o **0.7 m @ 13.9 g/t AuEq** (4.0 g/t Au, 5.3% Sb) from 669.6 m
 - **0.3 m @ 81.4 g/t AuEq** (62.2 g/t Au, 10.2% Sb) from 674.3 m
 - **8.5 m @ 1.4 g/t AuEq** (0.6 g/t Au, 0.4% Sb) from 683.8 m
 - **1.7 m** @ **4.6 g/t AuEq** (1.7 g/t Au, 1.5% Sb) from 696.3 m, including:
 - o **0.4 m @ 15.8 g/t AuEq** (3.8 g/t Au, 6.4% Sb) from 697.6 m RS80

Drillholes **SDDSC050W1** and **SDDSC050W2** were drilled to confirm geological and grade continuity of four high-grade vein sets.

SDDSC050W2 was collared 602 m down SDDSC050 and core return commenced at 657.4 m. This drillhole intercepted four mineralised vein sets at a separation of 29 m to 56 m from the parent hole. Three of the vein sets are high-grade intercepts and all confirm geological and grade continuity. Highlights include:

- **0.5 m @ 9.1 g/t AuEq** (8.7 g/t Au, 0.2% Sb) from 694.1 m RS80
- **2.0 m** @ **2.5 g/t AuEq** (1.4 g/t Au, 0.6% Sb) from 702.0 m
- **1.3 m @ 52.6 g/t AuEq** (52.6 g/t Au, 0.0% Sb) from 730.0 m RS90
- **0.1 m @ 173.0 g/t AuEq** (173.0 g/t Au, 0.0% Sb) from 739.1 m RS100
- **1.0 m @ 4.2 g/t AuEq** (4.2 g/t Au, 0.0% Sb) from 743.0 m

SDDSC050W1 was collared 626 m down SDDSC050 and core return commenced at 675.3 m. This drillhole intersected each vein set at lower grades from 12 m, 18 m, 20 m and 28 m of separation from the parent hole on the RS80, RS90, RS100 and RS110L vein sets, respectively, confirming geological continuity. Highlights included **1.2 m @ 1.8 g/t AuEq** (1.7 g/t Au, 0.1% Sb) from 736.8 m from vein set RS80.

Pending Results and Update

Twelve holes (SDDSC129, 133, 136, 139-146, 146W1) are currently being processed and analysed, with five holes (SDDSC120W1, 147, 148, 149, 150) in progress (Figure 1 and 2).



About Sunday Creek

The Sunday Creek epizonal-style gold project is located 60 km north of Melbourne within 19,365 hectares of granted exploration tenements. SXG is also the freehold landholder of 133.29 hectares that form the key portion in and around the main drilled area at the Sunday Creek Project.

Gold and antimony form in a relay of vein sets that cut across a steeply dipping zone of intensely altered rocks (the "host"). When observed from above, the host resembles the side rails of a ladder, where the sub-vertical mineralised vein sets are the rungs that extend from surface to depth. At Apollo and Rising Sun these individual 'rungs' have been defined over 600 m depth extent from surface to 1,100 m below surface, are 2.5 m to 3.5 m wide (median widths) (and up to 10 m), and 20 m to 100 m in strike.

Cumulatively, 146 drill holes for 63,913.89 m have been reported by SXG (and Mawson Gold Ltd) from Sunday Creek since late 2020. An additional 12 holes for 582.55 m from Sunday Creek were abandoned due to deviation or hole conditions. Fourteen drillholes for 2,383 m have been reported regionally outside of the main Sunday Creek drill area. A total of 64 historic drill holes for 5,599 m were completed from the late 1960s to 2008. The project now contains a total of forty-seven (47) >100 g/t AuEq x m and fifty-five (55) >50 to 100 g/t AuEq x m drill holes by applying a 2 m @ 1 g/t lower cut.

Our systematic drill program is strategically targeting these significant vein formations, initially these have been defined over 1,350 m strike of the host from Christina to Apollo prospects, of which approximately 620 m has been more intensively drill tested (Rising Sun to Apollo). At least 64 'rungs' have been defined to date, defined by high-grade intercepts (20 g/t to >7,330 g/t Au) along with lower grade edges. Ongoing step-out drilling is aiming to uncover the potential extent of this mineralised system.

Geologically, the project is located within the Melbourne Structural Zone in the Lachlan Fold Belt. The regional host to the Sunday Creek mineralisation is an interbedded turbidite sequence of siltstones and minor sandstones metamorphosed to sub-greenschist facies and folded into a set of open north-west trending folds.

Further Information

Further discussion and analysis of the Sunday Creek project is available through the interactive Vrify 3D animations, presentations and videos all available on the SXG website. These data, along with an interview on these results with Managing Director Michael Hudson can be viewed at www.southerncrossgold.com.au.

No upper gold grade cut is applied in the averaging and intervals are reported as drill thickness. However, during future Mineral Resource studies, the requirement for assay top cutting will be assessed. The Company notes that due to rounding of assay results to one significant figure, minor variations in calculated composite grades may occur.

Figures 1 to 4 show project location, plan and longitudinal views of drill results reported here and Tables 2 to 4 provide collar and assay data. The true thickness of the mineralised intervals reported individually as estimated true widths ("ETW"), otherwise they are interpreted to be approximately 25% to 50% of the sampled thickness for other reported holes. Lower grades were cut at 1.0 g/t AuEq lower cutoff over a maximum width of 2 m with higher grades cut at 5.0 g/t AuEq lower cutoff over a maximum of 1 m width unless specified unless otherwise* specified to demonstrate higher grade assays.

Critical Metal Epizonal Gold-Antimony Deposits

Sunday Creek (Figure 4) is an epizonal gold-antimony deposit formed in the late Devonian (like Fosterville, Costerfield and Redcastle), 60 million years later than mesozonal gold systems formed in Victoria (for example Ballarat and Bendigo). Epizonal deposits are a form of orogenic gold deposit classified according to their depth of formation: epizonal (<6 km), mesozonal (6-12 km) and hypozonal (>12 km).

Epizonal deposits in Victoria often have associated high levels of the critical metal, antimony, and Sunday Creek is no exception. China claims a 56 per cent share of global mined supplies of antimony, according to a 2023 European Union study. Antimony features highly on the critical minerals lists of many countries



including Australia, the United States of America, Canada, Japan and the European Union. Australia ranks seventh for antimony production despite all production coming from a single mine at Costerfield in Victoria, located nearby to all SXG projects. Antimony alloys with lead and tin which results in improved properties for solders, munitions, bearings and batteries. Antimony is a prominent additive for halogen-containing flame retardants. Adequate supplies of antimony are critical to the world's energy transition, and to the high-tech industry, especially the semi-conductor and defence sectors where it is a critical additive to primers in munitions.

In August 2024, the Chinese government announced it will place export limits from September 15, 2024 on antimony and antimony products. This puts pressure on Western defence supply chains and negatively affect the supply of the metal and push up pricing given China's dominance of the supply of the metal in the global markets. This is positive for SXG as we are likely to have one of the very few large and high-quality projects of antimony in the western world that can feed western demand into the future.

Antimony represents approximately 20% in situ recoverable value of Sunday Creek at an AuEq of 1.88.

Gold Equivalent Calculation

SXG considers that both gold and antimony that are included in the gold equivalent calculation ("AuEq") have reasonable potential to be recovered at Sunday Creek, given current geochemical understanding, historic production statistics and geologically analogous mining operations. Historically, ore from Sunday Creek was treated onsite or shipped to the Costerfield mine, located 54 km to the northwest of the project, for processing during WW1. SXG considers that it is appropriate to adopt the same gold equivalent variables as Mandalay Resources Ltd in its Mandalay Technical Report, 2024 dated 28 March 2024. The gold equivalence formula used by Mandalay Resources was calculated using Costerfield's 2023 production costs, using a gold price of US\$1,900 per ounce, an antimony price of US\$12,000 per tonne and 2023 total year metal recoveries of 94% for gold and 89% for antimony, and is as follows:

$$AuEq = Au (g/t) + 1.88 \times Sb (\%).$$

Based on the latest Costerfield calculation and given the similar geological styles and historic toll treatment of Sunday Creek mineralisation at Costerfield, SXG considers that a $AuEq = Au (g/t) + 1.88 \times Sb$ (%) is appropriate to use for the initial exploration targeting of gold-antimony mineralisation at Sunday Creek.

- Fnds -

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

Competent Person Statement

Information in this announcement that relates to new exploration results contained in this report is based on information compiled by Mr Kenneth Bush and Mr Michael Hudson. Mr Bush is a Member of Australian Institute of Geoscientists and a Registered Professional Geologist in the field of Mining (#10315) and Mr Hudson is a Fellow of The Australasian Institute of Mining and Metallurgy. Mr Bush and Mr Hudson each have sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Bush is Exploration Manager and Mr Hudson is Managing Director of Southern Cross Gold Limited and both consent to the inclusion in the report of the matters based on their 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 drill hole exploration results, are extracted from the following announcements, which are available to view on www.southerncrossgold.com.au:

4 October, 2022 SDDSC046, 20 October, 2022 SDDSC049, 1 June, 2023 SDDSC066, 12 October, 2023 SDDLV003 & 4, 23 October, 2023 SDDSC082, 9 November, 2023 SDDSC091, 13 June 2024 SDDSC118, 5 September, 2024 SDDSC130, 28 October, 2024 SDDSC137W2.

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.

For further information, please contact:

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Figure 1: Sunday Creek plan view showing selected results from holes SDDSC050W1, SDDSC092W1, SDDSC092W2 and SDDSC092W3 reported here (blue highlighted box, black trace), with selected prior reported drill holes and pending holes.

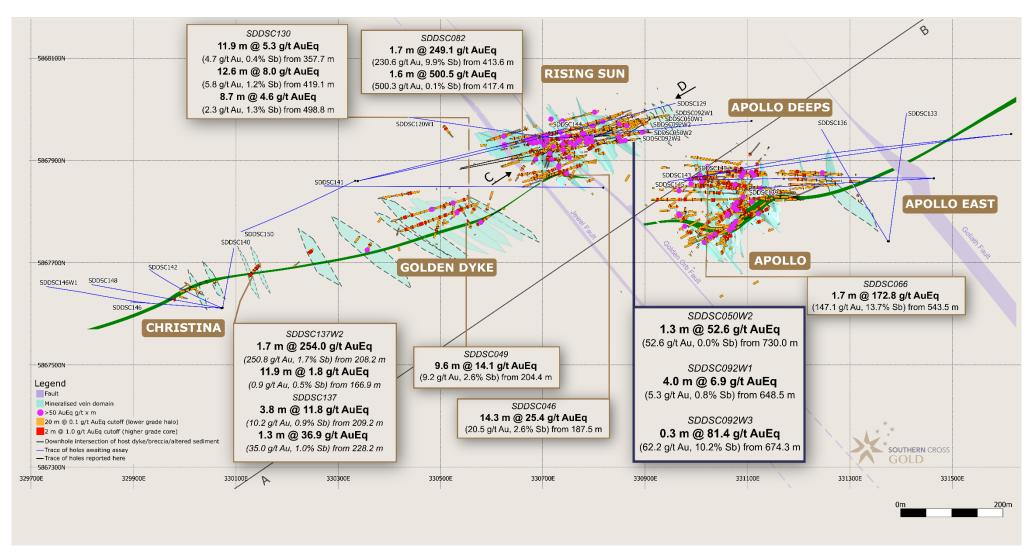


Figure 2: Sunday Creek longitudinal section across A-B in the plane of the dyke breccia/altered sediment host looking towards the north (striking 236 degrees) showing mineralised veins sets. Showing holes SDDSC050W1, SDDSC050W2, SDDSC092W1, SDDSC092W2 and SDDSC92W3 reported here (blue highlighted box, black trace), with selected intersections and prior reported drill holes. The vertical extents of the vein sets are limited by proximity to drill hole pierce points. For location refer to Figure 1.

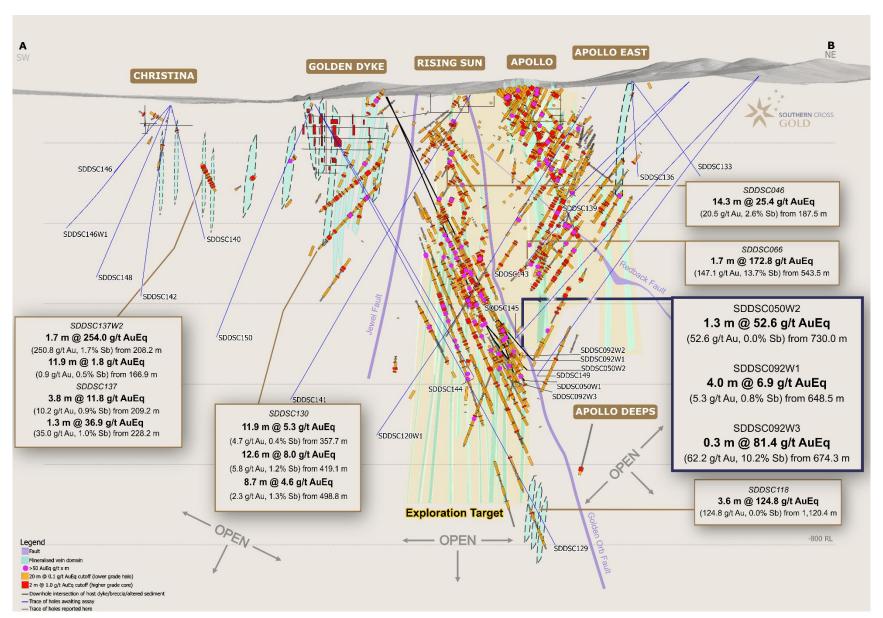


Figure 3: Cropped long section C-D looking toward 341 with mineralised vein sets. Showing holes reported here SDDSC050W1, SDDSC050W2, SDDSC092W1, SDDSC092W2 and SDDSC092W3 (blue highlighted box, black trace).

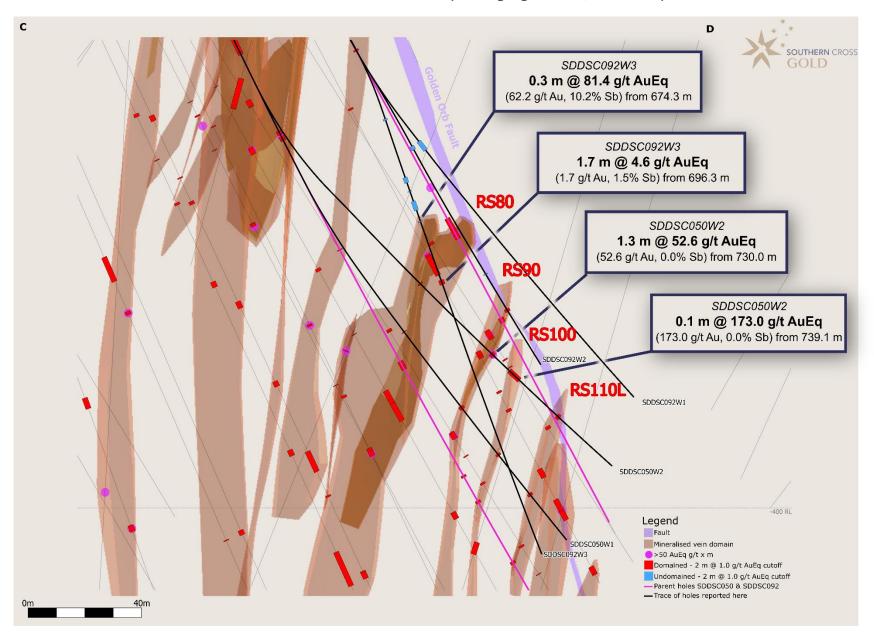


Figure 4: Sunday Creek regional plan view showing soil sampling, structural framework, regional historic epizonal gold mining areas and broad regional areas tested by 12 holes for 2,383 m drill program. The regional drill areas are at Tonstal, Consols and Leviathan located 4,000-7,500 m along strike from the main drill area at Golden Dyke- Apollo.

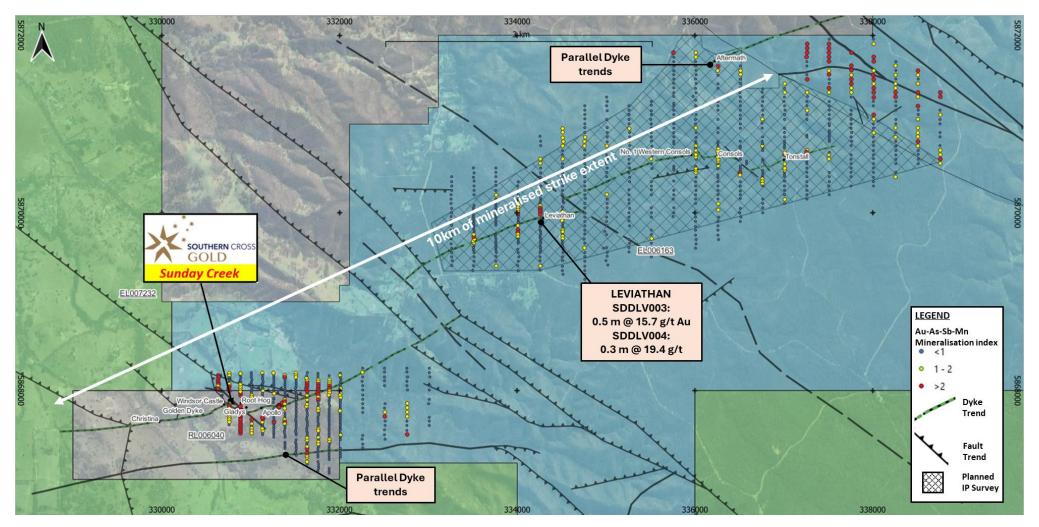


Figure 5: Location of the Sunday Creek project, along with the 100% owned Redcastle Gold-Antimony Project

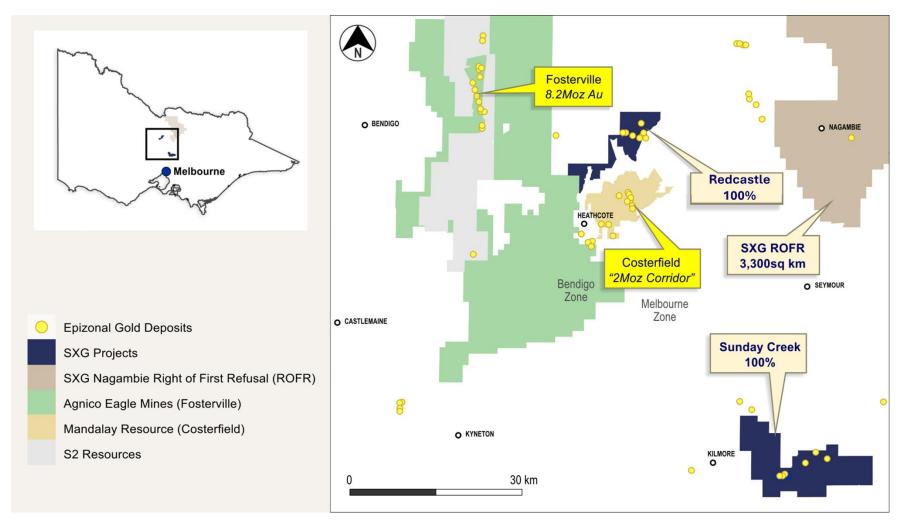


Table 1: Drill collar summary table for recent drill holes in progress.

Hole-ID	Depth (m)	Prospect	East GDA94_Z55	North GDA94_Z55	Elevation	Azimuth	Plunge
SDDSC050W1	797.1	Rising Sun	330539	5867885	295	77	-63
SDDSC050W2	789.4	Rising Sun	330539	5867885	295	77	-63
SDDSC092W1	767.5	Rising Sun	330537	5867883	296	82	-61
SDDSC092W2	739.3	Rising Sun	330537	5867883	296	82	-61
SDDSC092W3	799.5	Rising Sun	330537	5867883	296	82	-61
SDDSC120W1	In progress plan 1050 m	Rising Sun	331108	5867977	319	267	-55
SDDSC129	1269.8	Rising Sun	330339	5867860	277	77	-58
SDDSC133	347.2	Apollo East	331376	5867742	335	8	-42
SDDSC136	349	Apollo East	331375	5867742	335	329	-41
SDDSC139	469.2	Apollo East	331464	5867865	333	267	-38
SDDSC140	352.9	Christina	330075	5867612	274	9	-70
SDDSC141	935.3	Golden Dyke	330809	5867842	301	272	-53
SDDSC142	500.67	Christina	330075	5867612	274	292	-70
SDDSC143	667.6	Apollo	331464	5867865	333	270	-39
SDDSC144	800.7	Rising Sun	330338	5867860	277	76	-56
SDDSC145	941	Apollo	331594	5867955	344	264	-40
SDDSC146	245.7	Christina	330073	5867612	274	273	-42
SDDSC146W1	461.2	Christina	330073	5867612	274	273	-42
SDDSC147	In progress plan 1000 m	Golden Dyke	330809	5867842	301	278	-57
SDDSC148	In progress plan 500 m	Christina	330073	5867611	274	278	-57.2
SDDSC149	In progress plan 970 m	Apollo	331594	5867955	344	266	-47
SDDSC150	In progress plan 630 m	Christina	330340	5867865	277	244	-65

Table 2: Table of mineralised drill hole intersections reported from SDDSC050W1, SDDSC050W2, SDDSC092W1, SDDSC092W2 and SDDSC092W3 using two cutoff criteria. Lower grades cut at 1.0 g/t AuEq lower cutoff over a maximum of 2 m with higher grades cut at 5.0 g/t AuEq cutoff over a maximum of 1 m.

Hole-ID	From (m)	To (m)	Length (m)	Au g/t	Sb%	AuEq g/t
SDDSC050W1	736.8	738.0	1.2	1.7	0.1	1.8
SDDSC050W2	694.1	694.6	0.5	8.7	0.2	9.1
SDDSC050W2	702.0	704.0	2.0	1.4	0.6	2.5
SDDSC050W2	730.0	731.3	1.3	52.6	0.0	52.6
SDDSC050W2	739.1	739.2	0.1	173.0	0.0	173.0
SDDSC050W2	743.0	744.0	1.0	4.2	0.0	4.2
SDDSC092W1	648.5	652.5	4.0	5.3	0.8	6.9
Including	650.4	652.1	1.7	12.0	1.3	14.5
SDDSC092W2	648.6	650.1	1.5	1.6	3.0	7.3
Including	648.6	649.7	1.1	1.8	3.7	8.8
SDDSC092W2	701.3	701.5	0.2	31.0	0.0	31.0
SDDSC092W2	712.3	717.0	4.7	0.8	0.0	0.8
SDDSC092W3	636.1	636.7	0.6	6.3	2.0	10.1
Including	636.1	636.6	0.5	7.3	2.1	11.4
SDDSC092W3	658.0	660.0	2.0	0.9	0.5	1.9
SDDSC092W3	663.1	663.3	0.2	9.1	11.0	29.8
SDDSC092W3	666.9	670.3	3.4	0.9	1.2	3.1
Including	669.6	670.3	0.7	4.0	5.3	13.9
SDDSC092W3	674.3	674.6	0.3	62.2	10.2	81.4
SDDSC092W3	683.8	692.3	8.5	0.6	0.4	1.4
SDDSC092W3	696.3	698.0	1.7	1.7	1.5	4.6
Including	697.6	698.0	0.4	3.8	6.4	15.8

Table 3: All individual assays reported from SDDSC050W1, SDDSC050W2, SDDSC092W1, SDDSC092W2 and SDDSC092W3 reported here >0.1g/t AuEq.

Hole-ID	From (m)	To (m)	Length (m)	Au ppm	Sb%	AuEq (g/t)
SDDSC050W1	703.7	704.0	0.3	0.7	0.0	0.7
SDDSC050W1	730.0	731.0	1.0	0.3	0.0	0.3
SDDSC050W1	732.3	733.1	0.8	0.1	0.0	0.1
SDDSC050W1	735.2	736.0	0.8	0.3	0.0	0.3
SDDSC050W1	736.8	738.1	1.2	1.7	0.1	1.8
SDDSC050W1	740.4	740.5	0.2	0.3	0.0	0.3
SDDSC050W1	741.6	741.9	0.3	0.3	0.2	0.7
SDDSC050W1	744.8	745.6	0.7	0.1	0.0	0.1
SDDSC050W1	746.2	746.9	0.7	0.2	0.0	0.2
SDDSC050W1	747.4	747.7	0.3	1.1	0.0	1.1
SDDSC050W1	747.7	748.4	0.8	0.4	0.0	0.5
SDDSC050W1	757.4	757.7	0.3	0.1	0.0	0.1
SDDSC050W1	757.7	757.9	0.2	0.7	0.1	0.8
SDDSC050W1	757.9	758.1	0.3	0.2	0.0	0.3
SDDSC050W1	758.1	758.4	0.2	0.7	0.0	0.7
SDDSC050W1	758.4	758.9	0.5	1.4	0.0	1.4
SDDSC050W1	758.9	759.3	0.4	0.2	0.0	0.3
SDDSC050W1	759.3	759.9	0.6	0.2	0.0	0.2
SDDSC050W1	759.9	760.3	0.4	0.1	0.0	0.2
SDDSC050W1	767.0	768.0	1.0	0.1	0.0	0.2
SDDSC050W1	768.0	768.6	0.6	0.2	0.1	0.3
SDDSC050W1	768.6	769.1	0.5	1.6	0.0	1.7
SDDSC050W1	769.1	769.7	0.6	0.1	0.0	0.1
SDDSC050W1	769.7	770.1	0.4	1.6	0.0	1.6
SDDSC050W1	770.1	770.3	0.2	0.7	0.0	0.7
SDDSC050W1	770.8	771.2	0.4	0.4	0.0	0.4
SDDSC050W1	771.2	771.9	0.7	0.5	0.0	0.5
SDDSC050W1	771.9	772.2	0.2	0.5	0.0	0.5
SDDSC050W1	772.8	773.1	0.3	1.1	0.0	1.1
SDDSC050W1	776.0	777.0	1.0	0.6	0.0	0.6
SDDSC050W2	674.0	674.5	0.5	0.1	0.0	0.1
SDDSC050W2	694.1	694.4	0.3	1.0	0.3	1.6
SDDSC050W2	694.4	694.6	0.2	19.1	0.0	19.2
SDDSC050W2	702.0	702.9	0.9	0.8	0.8	2.3
SDDSC050W2	702.9	703.4	0.5	1.3	0.2	1.7
SDDSC050W2	703.4	703.6	0.2	5.6	0.9	7.3
SDDSC050W2	703.6	704.0	0.4	0.6	0.5	1.5
SDDSC050W2	704.0	704.6	0.6	0.4	0.2	0.9

SDDSC050W2	704.6	705.6	1.0	0.4	0.0	0.5
SDDSC050W2	705.6	706.6	1.0	0.7	0.0	0.7
SDDSC050W2	706.6	707.7	1.0	0.2	0.0	0.2
SDDSC050W2	707.7	708.2	0.6	0.0	0.1	0.2
SDDSC050W2	708.2	709.1	0.9	0.4	0.0	0.4
SDDSC050W2	709.1	709.3	0.2	0.1	0.1	0.2
SDDSC050W2	709.3	709.6	0.2	0.1	0.0	0.1
SDDSC050W2	709.6	710.1	0.5	0.2	0.0	0.2
SDDSC050W2	710.1	711.2	1.1	0.1	0.0	0.1
SDDSC050W2	714.0	714.5	0.5	0.1	0.0	0.1
SDDSC050W2	716.9	717.5	0.6	0.4	0.0	0.4
SDDSC050W2	724.5	724.8	0.3	0.2	0.0	0.2
SDDSC050W2	725.3	725.6	0.3	0.2	0.0	0.2
SDDSC050W2	725.6	726.3	0.7	0.4	0.0	0.4
SDDSC050W2	726.3	726.6	0.4	0.1	0.0	0.1
SDDSC050W2	726.6	727.3	0.7	0.7	0.0	0.8
SDDSC050W2	727.3	727.5	0.2	0.3	0.0	0.3
SDDSC050W2	727.5	727.7	0.2	0.4	0.0	0.4
SDDSC050W2	727.7	728.3	0.6	0.7	0.0	0.7
SDDSC050W2	728.3	728.6	0.3	0.2	0.0	0.2
SDDSC050W2	728.6	728.8	0.2	0.4	0.0	0.4
SDDSC050W2	728.8	729.4	0.6	0.2	0.0	0.2
SDDSC050W2	729.4	729.7	0.3	0.2	0.0	0.2
SDDSC050W2	729.7	730.0	0.3	0.6	0.0	0.6
SDDSC050W2	730.0	730.2	0.2	315.0	0.0	315.0
SDDSC050W2	730.2	730.9	0.8	1.9	0.0	1.9
SDDSC050W2	730.9	731.3	0.4	29.5	0.0	29.5
SDDSC050W2	736.8	737.6	0.8	0.1	0.0	0.1
SDDSC050W2	737.6	738.4	0.7	0.8	0.0	0.9
SDDSC050W2	738.4	738.9	0.6	0.1	0.0	0.1
SDDSC050W2	739.1	739.2	0.1	173.0	0.0	173.0
SDDSC050W2	739.2	739.4	0.2	0.6	0.0	0.6
SDDSC050W2	740.3	741.0	0.7	0.8	0.0	0.8
SDDSC050W2	742.0	743.0	1.0	0.1	0.0	0.1
SDDSC050W2	743.0	744.0	1.0	4.2	0.0	4.2
SDDSC050W2	746.7	747.4	0.7	0.2	0.0	0.2
SDDSC050W2	748.0	748.9	0.9	0.2	0.0	0.3
SDDSC050W2	748.9	749.1	0.2	0.6	0.0	0.6
SDDSC050W2	749.1	749.4	0.3	0.5	0.0	0.5
SDDSC050W2	749.4	749.6	0.2	0.4	0.0	0.4
SDDSC050W2	749.6	749.9	0.2	0.1	0.0	0.1
SDDSC050W2	750.4	750.5	0.2	0.2	0.0	0.2

SDDSC050W2	751.2	751.7	0.4	0.2	0.0	0.2
SDDSC050W2	753.1	753.6	0.5	0.2	0.0	0.2
SDDSC050W2	753.6	754.1	0.5	0.1	0.0	0.1
SDDSC050W2	756.0	757.0	1.0	0.2	0.0	0.2
SDDSC050W2	757.0	758.1	1.1	0.2	0.0	0.2
SDDSC050W2	760.9	761.9	1.0	0.3	0.0	0.3
SDDSC050W2	761.9	762.5	0.6	0.3	0.0	0.3
SDDSC050W2	762.5	762.7	0.2	1.2	0.0	1.2
SDDSC050W2	762.7	763.8	1.1	1.5	0.0	1.5
SDDSC050W2	763.8	764.2	0.4	0.1	0.0	0.1
SDDSC050W2	764.2	764.4	0.3	0.6	0.0	0.6
SDDSC092W1	648.5	648.6	0.2	1.4	5.2	11.2
SDDSC092W1	650.2	650.4	0.3	0.1	0.0	0.2
SDDSC092W1	650.4	650.7	0.3	23.2	2.2	27.3
SDDSC092W1	650.7	650.9	0.2	3.0	0.6	4.1
SDDSC092W1	650.9	651.0	0.1	2.0	0.8	3.5
SDDSC092W1	651.0	652.2	1.1	11.9	1.3	14.3
SDDSC092W1	652.2	652.4	0.3	1.1	0.3	1.7
SDDSC092W1	652.4	653.3	0.8	0.1	0.0	0.1
SDDSC092W1	653.3	653.9	0.6	0.3	0.0	0.3
SDDSC092W1	653.9	655.0	1.1	0.2	0.0	0.2
SDDSC092W1	655.0	655.6	0.6	0.2	0.0	0.2
SDDSC092W1	655.6	656.4	0.9	0.2	0.0	0.2
SDDSC092W1	656.4	657.5	1.0	0.4	0.0	0.4
SDDSC092W1	657.8	659.0	1.2	0.2	0.0	0.2
SDDSC092W1	659.0	660.0	1.0	0.1	0.0	0.1
SDDSC092W1	664.0	664.5	0.5	0.1	0.0	0.1
SDDSC092W1	664.5	664.9	0.4	0.2	0.0	0.2
SDDSC092W1	664.9	666.0	1.1	0.4	0.0	0.4
SDDSC092W1	666.0	667.0	1.0	0.3	0.0	0.3
SDDSC092W1	667.0	668.0	1.0	0.4	0.0	0.4
SDDSC092W1	668.0	669.3	1.3	0.1	0.0	0.2
SDDSC092W1	669.3	669.7	0.4	0.2	0.0	0.2
SDDSC092W1	669.7	670.2	0.5	0.3	0.0	0.3
SDDSC092W1	670.2	670.7	0.6	0.2	0.0	0.2
SDDSC092W1	673.6	674.0	0.4	0.1	0.0	0.1
SDDSC092W1	674.1	674.4	0.3	0.1	0.0	0.1
SDDSC092W1	674.5	675.2	0.7	0.4	0.0	0.5
SDDSC092W2	618.4	618.7	0.3	0.7	0.3	1.3
SDDSC092W2	619.2	619.8	0.6	0.8	0.0	0.8
SDDSC092W2	619.8	620.5	0.7	0.1	0.0	0.1
SDDSC092W2	648.6	649.3	0.7	1.5	4.8	10.5
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SDDSC092W2	649.3	649.7	0.4	2.4	1.7	5.7
SDDSC092W2	649.7	650.1	0.4	1.0	0.9	2.6
SDDSC092W2	650.1	650.4	0.4	0.3	0.2	0.7
SDDSC092W2	654.6	655.2	0.6	0.4	0.2	0.8
SDDSC092W2	661.9	662.1	0.3	1.1	0.0	1.2
SDDSC092W2	662.1	662.7	0.5	1.9	0.0	1.9
SDDSC092W2	662.7	663.3	0.7	0.2	0.0	0.2
SDDSC092W2	663.3	664.6	1.3	0.4	0.0	0.4
SDDSC092W2	664.6	665.2	0.6	0.9	0.0	0.9
SDDSC092W2	665.2	665.5	0.2	1.5	0.0	1.5
SDDSC092W2	665.5	666.8	1.3	0.1	0.0	0.1
SDDSC092W2	669.8	671.1	1.3	0.1	0.0	0.2
SDDSC092W2	689.0	690.2	1.2	0.1	0.0	0.1
SDDSC092W2	691.1	691.6	0.4	0.1	0.0	0.1
SDDSC092W2	692.8	693.6	0.8	0.3	0.0	0.3
SDDSC092W2	697.0	697.5	0.5	0.2	0.0	0.2
SDDSC092W2	697.5	697.9	0.4	0.1	0.0	0.1
SDDSC092W2	697.9	698.5	0.6	0.1	0.0	0.1
SDDSC092W2	698.5	699.4	0.9	0.4	0.0	0.4
SDDSC092W2	699.8	700.4	0.6	0.2	0.0	0.2
SDDSC092W2	701.2	701.3	0.1	0.2	0.0	0.2
SDDSC092W2	701.3	701.5	0.2	31.0	0.0	31.0
SDDSC092W2	701.5	702.7	1.2	0.2	0.0	0.2
SDDSC092W2	703.8	704.3	0.5	0.2	0.0	0.3
SDDSC092W2	704.3	705.6	1.3	0.6	0.0	0.6
SDDSC092W2	705.6	706.0	0.4	0.1	0.0	0.1
SDDSC092W2	706.0	706.9	0.9	0.2	0.0	0.2
SDDSC092W2	706.9	707.7	0.8	0.2	0.0	0.2
SDDSC092W2	707.7	708.9	1.2	0.3	0.0	0.3
SDDSC092W2	708.9	709.8	0.9	0.2	0.0	0.2
SDDSC092W2	709.8	710.5	0.7	0.2	0.0	0.2
SDDSC092W2	710.5	711.1	0.6	0.4	0.0	0.4
SDDSC092W2	711.1	711.7	0.6	0.3	0.0	0.3
SDDSC092W2	711.7	712.3	0.5	0.4	0.0	0.4
SDDSC092W2	712.3	712.9	0.6	1.3	0.0	1.3
SDDSC092W2	712.9	713.2	0.3	0.1	0.0	0.1
SDDSC092W2	713.2	713.9	0.8	0.2	0.0	0.3
SDDSC092W2	713.9	714.3	0.4	1.1	0.0	1.1
SDDSC092W2	715.0	715.8	0.8	0.2	0.0	0.3
SDDSC092W2	715.8	716.9	1.1	1.8	0.0	1.8
SDDSC092W2	716.9	717.7	0.7	0.5	0.0	0.5
SDDSC092W2	717.7	718.7	1.1	0.1	0.0	0.1

SDDSC092W2	718.7	720.0	1.3	0.2	0.0	0.2
SDDSC092W2	720.0	721.3	1.3	0.2	0.0	0.3
SDDSC092W2	721.3	722.2	0.9	0.3	0.0	0.3
SDDSC092W2	722.2	723.0	0.8	0.3	0.0	0.3
SDDSC092W2	723.0	723.9	0.9	0.3	0.0	0.3
SDDSC092W2	725.2	726.4	1.3	0.2	0.0	0.2
SDDSC092W2	726.4	726.9	0.5	0.2	0.0	0.2
SDDSC092W2	726.9	728.2	1.3	0.2	0.0	0.2
SDDSC092W2	728.2	729.5	1.3	0.2	0.0	0.2
SDDSC092W2	729.5	730.1	0.6	0.3	0.0	0.3
SDDSC092W2	730.1	730.9	0.8	0.1	0.0	0.1
SDDSC092W2	732.8	733.8	1.0	0.2	0.0	0.2
SDDSC092W2	733.8	734.3	0.5	0.5	0.0	0.5
SDDSC092W2	734.3	734.8	0.6	0.2	0.0	0.2
SDDSC092W3	636.1	636.6	0.5	7.3	2.1	11.4
SDDSC092W3	636.6	636.7	0.1	1.2	1.4	3.8
SDDSC092W3	640.1	640.8	0.7	0.1	0.0	0.2
SDDSC092W3	644.4	644.9	0.5	0.1	0.0	0.2
SDDSC092W3	648.0	648.4	0.4	0.5	0.4	1.3
SDDSC092W3	648.4	648.8	0.4	0.5	0.1	0.8
SDDSC092W3	650.7	650.8	0.2	0.2	0.0	0.2
SDDSC092W3	650.8	651.6	0.8	0.1	0.0	0.1
SDDSC092W3	652.6	652.7	0.2	2.1	0.0	2.1
SDDSC092W3	652.7	654.0	1.3	0.9	0.0	0.9
SDDSC092W3	654.8	655.3	0.5	0.7	0.3	1.3
SDDSC092W3	655.3	656.1	0.8	0.2	0.0	0.2
SDDSC092W3	658.0	659.0	1.0	1.1	0.8	2.6
SDDSC092W3	659.0	660.0	1.0	0.8	0.3	1.3
SDDSC092W3	661.0	662.0	1.0	0.1	0.0	0.1
SDDSC092W3	662.6	663.1	0.5	0.2	0.2	0.5
SDDSC092W3	663.1	663.3	0.2	9.1	11.0	29.8
SDDSC092W3	663.3	664.0	0.7	0.1	0.1	0.2
SDDSC092W3	666.0	666.9	0.9	0.3	0.0	0.3
SDDSC092W3	666.9	667.6	0.7	0.3	0.4	1.1
SDDSC092W3	669.6	670.3	0.7	4.0	5.3	13.9
SDDSC092W3	671.0	672.0	1.0	0.1	0.0	0.1
SDDSC092W3	674.3	674.6	0.3	62.2	10.2	81.4
SDDSC092W3	674.6	675.4	0.8	0.0	0.0	0.1
SDDSC092W3	675.4	676.2	0.8	0.3	0.0	0.4
SDDSC092W3	676.2	676.6	0.4	0.2	0.0	0.3
SDDSC092W3	682.5	683.1	0.6	0.1	0.0	0.2
SDDSC092W3	683.3	683.8	0.5	0.2	0.2	0.6

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SDDSC092W3	683.8	684.7	0.9	1.2	0.5	2.1
SDDSC092W3	685.3	686.0	0.7	0.4	0.2	0.7
SDDSC092W3	686.0	686.3	0.3	0.3	0.0	0.3
SDDSC092W3	686.3	686.5	0.2	2.2	1.2	4.5
SDDSC092W3	686.5	687.4	0.9	0.3	0.2	0.7
SDDSC092W3	687.4	687.6	0.2	0.6	0.8	2.2
SDDSC092W3	687.6	688.5	0.9	0.2	0.2	0.5
SDDSC092W3	688.5	689.5	1.0	1.2	0.7	2.4
SDDSC092W3	689.5	690.1	0.6	0.2	0.5	1.1
SDDSC092W3	690.1	691.1	1.0	0.5	0.9	2.2
SDDSC092W3	691.1	691.7	0.6	0.4	0.2	0.8
SDDSC092W3	691.7	692.3	0.6	1.2	0.4	1.9
SDDSC092W3	692.3	692.7	0.4	0.2	0.2	0.5
SDDSC092W3	692.7	693.2	0.5	0.3	0.0	0.3
SDDSC092W3	693.2	694.0	0.8	0.1	0.0	0.1
SDDSC092W3	694.0	695.0	1.0	0.5	0.0	0.5
SDDSC092W3	695.0	696.0	1.0	0.8	0.1	0.9
SDDSC092W3	696.0	696.3	0.3	0.7	0.0	0.8
SDDSC092W3	696.3	696.9	0.6	1.2	0.0	1.2
SDDSC092W3	696.9	697.6	0.7	1.0	0.0	1.0
SDDSC092W3	697.6	698.0	0.4	3.8	6.4	15.8
SDDSC092W3	698.0	698.3	0.3	0.1	0.1	0.2
SDDSC092W3	698.3	698.4	0.2	0.1	0.0	0.2
SDDSC092W3	740.6	741.0	0.3	0.1	0.0	0.1
SDDSC092W3	741.5	742.2	0.7	0.2	0.0	0.2
SDDSC092W3	742.2	742.4	0.2	1.1	0.5	2.1
SDDSC092W3	742.4	742.9	0.5	0.2	0.2	0.5
SDDSC092W3	742.9	743.0	0.2	0.1	0.6	1.3
SDDSC092W3	743.0	744.0	0.9	0.1	0.2	0.4
SDDSC092W3	744.0	744.8	0.9	0.1	0.0	0.2
SDDSC092W3	744.8	745.2	0.4	0.3	0.0	0.3
SDDSC092W3	745.2	745.6	0.4	0.1	0.0	0.1
SDDSC092W3	749.2	749.4	0.2	0.7	0.0	0.7
SDDSC092W3	749.4	750.4	1.0	0.2	0.0	0.2
SDDSC092W3	752.5	753.0	0.5	0.1	0.0	0.1

JORC Table 1

Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	 Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information. 	 Sampling has been conducted on drill core (half core for >90% and quarter core for check samples), grab samples (field samples of in-situ bedrock and boulders; including duplicate samples), trench samples (rock chips, including duplicates) and soil samples (including duplicate samples). Locations of field samples were obtained by using a GPS, generally to an accuracy of within 5 metres. Drill hole and trench locations have been confirmed to <1 metre using a differential GPS. Samples locations have also been verified by plotting locations on the high-resolution Lidar maps Drill core is marked for cutting and cut using an automated diamond saw used by Company staff in Kilmore. Samples are bagged at the core saw and transported to the Bendigo On Site Laboratory for assay. At On Site samples are crushed using a jaw crusher combined with a rotary splitter and a 1 kg split is separated for pulverizing (LM5) and assay. Standard fire assay techniques are used for gold assay on a 30 g charge by experienced staff (used to dealing with high sulphide and stibnite-rich charges). On Site gold method by fire assay code PE01S. Screen fire assay is used to understand gold grain-size distribution where coarse gold is evident. ICP-OES is used to analyse the aqua regia digested pulp for an additional 12 elements (method BM011) and over-range antimony is measured using flame AAS (method known as B050). Soil samples were sieved in the field and an 80 mesh sample bagged and transported to ALS Global laboratories in Brisbane for super-low level gold analysis on a 50 g samples by method ST44 (using aqua regia and ICP-MS). Grab and rock chip samples are generally submitted to On Site Laboratories for standard fire assay and 12 element ICP-OES as described above.
Drilling techniques	 Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.). 	 HQ diameter diamond drill core, oriented using Boart Longyear TruCore orientation tool with the orientation line marked on the base of the drill core by the driller/offsider. A standard 3 metre core barrel has been found to be most effective in both the hard and soft rocks in the project.
Drill sample	Method of recording and assessing core and chip sample recoveries and	Core recoveries were maximised using HQ diamond drill core with careful

Criteria	JORC Code explanation	Commentary
	 Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	fines from soft drill core. Recoveries are determined on a metre-by-metre basis in the core shed using a tape measure against marked up drill core checking against driller's core blocks. • Plots of grade versus recovery and RQD (described below) show no trends relating to loss of drill core, or fines.
Logging	 Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography. The total length and percentage of the relevant intersections logged. 	Geotechnical logging of the drill core takes place on racks in the company
Sub-sampling techniques and sample preparation	 If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether rifled, tube sampled, rotary split, etc. and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. 	 Drill core is typically half-core sampled using an Almonte core saw. The drill core orientation line is retained. Quarter core is used when taking sampling duplicates (termed FDUP in the database). Sampling representivity is maximised by always taking the same side of the drill core (whenever oriented), and consistently drawing a cut line on the core where orientation is not possible. The field technician draws these lines.

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	 Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled. 	 Sample sizes are maximised for coarse gold by using half core, and using quarter core and half core splits (laboratory duplicates) allows an estimation of nugget effect. In mineralised rock the company uses approximately 10% of ¼ core duplicates, certified reference materials (suitable OREAS materials), laboratory sample duplicates and instrument repeats. In the soil sampling program duplicates were obtained every 20th sample and the laboratory inserted low-level gold standards regularly into the sample flow.
Quality of assay data and laboratory tests	 The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established. 	 The fire assay technique for gold used by On Site is a globally recognised method, and over-range follow-ups including gravimetric finish and screen fire assay are standard. Of significance at the On Site laboratory is the presence of fire assay personnel who are experienced in dealing with high subidide charges (especially those with high stibnite contents) – this substantially reduces the risk of in accurate reporting in complex sulphide-gold charges. The ICP-OES technique is a standard analytical technique for assessing elemental concentrations. The digest used (aqua regia) is excellent for the dissolution of sulphides (in this case generally stibnite, pyrite and trace arsenopyrite), but other silicate-hosted elements, in particular vanadium (V), may only be partially dissolved. These silicate-hosted elements are not important in the determination of the quantity of gold, antimony, arsenic or sulphur. A portable XRF has been used in a qualitative manner on drill core to ensure appropriate core samples have been taken (no pXRF data are reported or included in the MX database). Acceptable levels of accuracy and precision have been established using the following methods ½ duplicates – half core is split into quarters and given separate sample numbers (commonly in mineralised core) – low to medium gold grades indicate strong correlation, dropping as the gold grade increases over 40 g/t Au. Blanks – blanks are inserted after visible gold and in strongly mineralised rocks to confirm that the crushing and pulping are not affected by gold smearing onto the crusher and LM5 swing mill surfaces. Results are excellent, generally below detection limit and a single sample at 0.03 g/t Au. Certified Reference Materials – OREAS CRMs have been used throughout the project including blanks, low (<1 g/t Au), medium (up to 5 g/t Au) and high-grade gold samples (> 5 g/t Au). Results are automatically checked on data import into the MX database to fall within 2 standard deviati

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		duplicates as quality control and reports all data. In particular, high Au samples have the most repeats. Laboratory CRMs – On Site regularly inserts their own CRM materials into the process flow and reports all data Laboratory precision – duplicate measurements of solutions (both Au from fire assay and other elements from the aqua regia digests) are made regularly by the laboratory and reported. • Accuracy and precision have been determined carefully by using the sampling and measurement techniques described above during the sampling (accuracy) and laboratory (accuracy and precision) stages of the analysis. • Soil sample company duplicates and laboratory certified reference materials all fall within expected ranges.
Verification of sampling and assaying	 The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	 and stibnite visible in drill core is matched by high Au and Sb results in assays). In addition, on receipt of results Company geologists assess the gold, antimony and arsenic results to verify that the intersections returned expected data. The electronic data storage in the MX database is of a high standard. Primary logging data are entered directly by the geologists and field technicians and the assay data are electronically matched against sample number on return from the laboratory. Certified reference materials, ¼ core field duplicates (FDUP), laboratory splits and duplicates and instrument repeats are all recorded in the database. Exports of data include all primary data, from hole SDDSC077B onwards after discussion with SRK Consulting. Prior to this gold was averaged across primary, field and lab duplicates. Adjustments to assay data are recorded by MX, and none are present (or required).
Location of data points	 Accuracy and quality of surveys used to locate drill holes (collar and downhole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control. 	 Twinned drill holes are not available at this stage of the project. Differential GPS used to locate drill collars, trenches and some workings Standard GPS for some field locations (grab and soils samples), verified against Lidar data. The grid system used throughout is Geocentric datum of Australia 1994; Map Grid Zone 55 (GDA94_Z55), also referred to as ELSG 28355. Topographic control is excellent owing to sub 10 cm accuracy from Lidar data.

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Data spacing and distribution	 Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. 	 The data spacing is suitable for reporting of exploration results – evidence for this is based on the improving predictability of high-grade gold-antimony intersections. At this time, the data spacing and distribution are not sufficient for the reporting of Mineral Resource Estimates. This however may change as knowledge of grade controls increase with future drill programs. Sample compositing has not been applied to the reporting of any drill results.
Orientation of data in relation to geological structure	 Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	 The true thickness of the mineralised intervals reported are interpreted to be approximately 60-70% of the sampled thickness. Drilling is oriented in an optimum direction when considering the combination of host rock orientation and apparent vein control on gold and antimony grade. The steep nature of some of the veins may give increases in apparent thickness of some intersections, but more drilling is required to quantify. A sampling bias is not evident from the data collected to date (drill holes cut across mineralised structures at a moderate angle).
Sample security	The measures taken to ensure sample security.	Drill core is delivered to the Kilmore core logging shed by either the drill contractor or company field staff. Samples are marked up and cut by company staff at the Kilmore core shed, in an automated diamond saw and bagged before loaded onto strapped secured pallets and trucked by commercial transport to Bendigo for submission to the laboratory. There is no evidence in any stage of the process, or in the data for any sample security issues.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	 Continuous monitoring of CRM results, blanks and duplicates is undertaken by geologists and the company data geologist. Mr Michael Hudson for SXG has the orientation, logging and assay data.

Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	 Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. 	 The Sunday Creek Goldfield, containing the Clonbinane Project, is covered by the Retention Licence RL 6040 and is surrounded by Exploration Licence EL6163 and Exploration Licence EL7232. All the licences are 100% held by Clonbinane Goldfield Pty Ltd, a wholly owned subsidiary company of Southern Cross Gold Ltd.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	 The main historical prospect within the Sunday Creek project is the Clonbinane prospect, a high level orogenic (or epizonal) Fosterville-style deposit. Small scale mining has been undertaken in the project area since the 1880s continuing through to the early 1900s. Historical production occurred with multiple small shafts and alluvial workings across the Clonbinane Goldfield permits. Production of note occurred at the Clonbinane area with total production being reported as 41,000 oz gold at a grade of 33 g/t gold (Leggo and Holdsworth, 2013) Work in and nearby to the Sunday Creek Project area by previous explorers typically focused on finding bulk, shallow deposits. Beadell Resources were the first to drill deeper targets and Southern Cross have continued their work in the Sunday Creek Project area. EL54 - Eastern Prospectors Pty Ltd Rock chip sampling around Christina, Apollo and Golden Dyke mines. Rock chip sampling down the Christina mine shaft. Resistivity survey over the Golden Dyke. Five diamond drill holes around Christina, two of which have assays. ELs 872 & 975 - CRA Exploration Pty Ltd Exploration focused on finding low grade, high tonnage deposits. The tenements were relinquished after the area was found to be prospective but not economic. Stream sediment samples around the Golden Dyke and Reedy Creek areas. Results were better around the Golden Dyke and Reedy Creek areas. Results were better around the Golden Dyke. 45 dump samples around Golden Dyke old workings showed good correlation between gold, arsenic and antimony. Soil samples over the Golden Dyke to define boundaries of dyke and mineralisation. Two costeans parallel to the Golden Dyke targeting soil anomalies. Costeans since rehabilitated by SXG. ELs 827 & 1520 - BHP Minerals Ltd Exploration targeting open cut gold mineralisation peripheral to SXG tenements. ELs 1534, 1603 & 3129 - Ausminde Holdings Pty Ltd

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		 Targeting shallow, low grade gold. Trenching around the Golden Dyke prospect and results interpreted along with CRAs costeans. 29 RC/Aircore holes totalling 959 m sunk into the Apollo, Rising Sun and Golden Dyke target areas. ELs 4460 & 4987 - Beadell Resources Ltd ELs 4460 and 4497 were granted to Beadell Resources in November 2007. Beadell successfully drilled 30 RC holes, including second diamond tail holes in the Golden Dyke/Apollo target areas. Both tenements were 100% acquired by Auminco Goldfields Pty Ltd in late 2012 and combined into one tenement EL4987. Nagambie Resources Ltd purchased Auminco Goldfields in July 2014. EL4987 expired late 2015, during which time Nagambie Resources applied for a retention licence (RL6040) covering three square kilometres over the Sunday Creek Goldfield. RL6040 was granted July 2017. Clonbinane Gold Field Pty Ltd was purchased by Mawson Gold Ltd in February 2020. Mawson drilled 30 holes for 6,928 m and made the first discoveries to depth.
Geology	 Deposit type, geological setting and style of mineralisation. 	Refer to the description in the main body of the release.
Drill hole Information	 A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	Refer to appendices
Data aggregation methods	 In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high-grades) and cut-off grades are usually Material and should be stated. Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for 	 See "Further Information" and "Metal Equivalent Calculation" in main text of press release.

Criteria	JORC Code explanation	Commentary
	 such aggregation should be stated and some typical examples of such aggregations should be shown in detail. The assumptions used for any reporting of metal equivalent values should be clearly stated. 	
Relationship between mineralisation widths and intercept lengths	 These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g 'down hole length, true width not known'). 	See reporting of true widths in the body of the press release.
Diagrams	 Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views. 	 The results of the diamond drilling are displayed in the figures in the announcement.
Balanced reporting	 Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high-grades and/or widths should be practiced to avoid misleading reporting of Exploration Results. 	 All results above 0.1 g/t Au have been tabulated in this announcement. The results are considered representative with no intended bias. Core loss, where material, is disclosed in tabulated drill intersections.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	 Previously reported diamond drill results are displayed in plans, cross sections and long sections and discussed in the text and in the Competent Person's statement. Preliminary testing (AMML Report 1801-1) has demonstrated the viability of recovering gold and antimony values to high value products by industry standard processing methods. The program was completed by AMML, an established mineral and metallurgical testing laboratory specialising in flotation, hydrometallurgy, gravity and comminution testwork at their testing facilities in Gosford, NSW. The program was supervised by Craig Brown of Resources Engineering & Management, who was engaged to develop plans for initial sighter flotation testing of samples from drilling of the Sunday Creek deposit. Two quarter core intercepts were selected for metallurgical test work (Table 1). A split of each was subjected to assay analysis. The table
		below shows samples selected for metallurgical test work: Sample Sample Weight Drill hole from (m) to (m) Location Name (kg)
		Rising Sun RS01 22.8 MDDSC025 275.9 289.3
		Apollo AP01 16.6 SDDSC031 220.4 229.9

Criteria	JORC Code explanation	Commentary
		 Diagnostic LeachWELL testing. Gravity recovery by Knelson concentrator and hand panning. Timed flotation of combined gravity tails. Rougher-Cleaner flotation (without gravity separation), with sizing of products, to produce samples for mineralogical investigation. Mineral elemental concentrations and gold deportment was investigated using Laser Ablation examination by University of Tasmania. QXRD Mineralogical assessment were used to estimate mineral contents for the test products, and, from this, to assess performance in terms of minerals as well as elements, including contributions to gold deportment. For both test samples, observations and calculations indicated a high proportion of native ('free') gold: 84.0% in RS01 and 82.1% in AP01. Samples of size fractions of the three sulphide and gold containing flotation products from the Rougher-Cleaner test series were sent to MODA Microscopy for optical mineralogical assessment. Key observations were: The highest gold grade samples from each test series found multiple grains of visible gold which were generally liberated, with minor association with stibnite (antimony sulphide). Stibnite was highly liberated and was very 'clean' - 71.7% Sb, 28.3% S. Arsenopyrite was also highly liberated indicating potential for separation. Pyrite was largely free but exhibited some association with gangue minerals.
Further work	 The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. 	 The Company drilled 30,000 m in 2023 and plans to continue drilling with 5 diamond drill rigs. The Company has stated it will drill 60,000 m from 2023 to Q4 2025. The company remains in an exploration stage to expand the mineralisation along strike and to depth. See diagrams in presentation which highlight current and future drill plans.