

REPORT ON ACTIVITIES & APPENDIX 5B FOR THE QUARTER ENDED 31 MAY 2023

30 June 2023

Melbourne, Australia — Southern Cross Gold Ltd ("SXG" or the "Company") (ASX:SXG) is pleased to report on its activities for the quarter ended 31 May 2023.

HIGHLIGHTS

Sunday Creek Project

- Drilling at Sunday Creek is ahead of schedule on the 2023 target 30,000 m drill program, with 15,000 m remaining.
- Sunday Creek is demonstrating globally significant intercepts, from 134 holes drilled for 26,476 m in total at the project:
 - o 15 individual intersections now exceed 100 in grade x width (AuEq g/t x m)
 - 30 individual intersections now exceed 50 AuEq g/t x m
- The Company reported ten drill holes (SDDSC056-65) during the period. Drilling during the quarter:
 - Extended mineralisation in the main drill area over 1,350 m from Christina to 200 m east of Apollo;
 - Demonstrated further predictability and strike extensions of the multiple mineralised veins;
 - Gave large vertical step outs down-dip demonstrating continuity;
 - Returned the second and third best and deepest mineralisation across the property;
 - Commenced drilling testing 3.5 km to 7.5 km along strike to the northeast from the main drill area.
- Selected drill assay results released during the quarter include:

Apollo

- 10.4 m @ 22.4 g/t AuEq (18.6 g/t Au, 2.4% Sb) from 542.2 m in SDDSC066, including:
 - 1.0 m @ 224.3 g/t AuEq (188.8 g/t Au, 22.5% Sb) from 544.2 m
- 7.8 m @ 5.4 g/t AuEq (4.0 g/t Au, 0.9 % Sb) from 401.3 m in SDDSC066, including:
 - 0.4 m @ 42.7 g/t AuEq (28.1 g/t Au, 9.3% Sb) from 404.6 m

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HIGHLIGHTS continued.....

Rising Sun

- o 14.6 m @ 7.3 g/t AuEq (6.3 g/t Au, 0.6 % Sb) from 569.8 m in SDDSC059
- 12.0 m @ 7.4 g/t AuEq (7.4 g/t Au, 0.0 % Sb) from 688.0 m in SDDSC061, including:
 - 0.3 m @ 249.5 g/t AuEq (249.5 g/t Au, 0.0 % Sb) from 691.1 m
- 1.2 m @ 121.8 g/t AuEq (121.8 g/t Au, 0.1 % Sb) from 889.6 m in SDDSC064, including:
 - 0.5 m @ 158.5 g/t Au and 0.4 m @ 177.5 g/t Au

Regional

A fourth drill rig was brought on site and is operational to drill test the Tonstal –
 Leviathan trend located 3.5 - 7.5 km along strike to the northeast from the main drill area.

Corporate

The company is fully funded and permitted.

OHS

One reported Lost Time Injury occurred during the quarter.

Company overview

Southern Cross Gold Ltd is an exploration stage company with a focus on gold exploration in Australia. The Company's focus is primarily on the exploration and development of its portfolio of exploration projects through its wholly owned subsidiaries, Clonbinane Goldfield Pty Ltd ("Clonbinane"), Mawson Victoria Pty Ltd ("Mawson Victoria") and Mawson Queensland Pty Ltd ("Mawson Queensland") which hold rights in the following the Projects:

- 1. Sunday Creek Project Victoria 100% ownership via Clonbinane;
- 2. Whroo Project Victoria earning up to 70% ownership via Mawson Victoria;
- 3. Redcastle Project Victoria 70% ownership via Mawson Victoria; and
- 4. Mt Isa Project 100% ownership via Mawson Queensland.

The Victorian projects are over substantial areas of three of the nine historic high grade epizonal goldfields of the Melbourne Zone in Central Victoria covering 471 km². The Mt Isa Project covers 861 km² of tenure in the Cloncurry/Mount Isa block in Queensland, over a combined 60 km of strike.

The Company also holds a strategic 10% ownership of Nagambie Resources Ltd (ASX: NAG) ('Nagambie') which entitles the Company to a Right of First Refusal over 3,300 km² of tenements controlled by Nagambie in central Victoria.

Sunday Creek Project

The 100%-owned Sunday Creek epizonal-style gold project is located 60 km north of Melbourne within 19,365ha of granted exploration tenements.



Diamond drilling at Sunday Creek continued during the period with the objective of defining gold mineralisation at depth at the main drill area over a 1 km trend between the Golden Dyke and Apollo zones and 7.5 km along strike to the north-east at the Tonstal prospect which was the first ever drilling along a 10 km mineralised trend at Sunday Creek that extends beyond the main drill area and is defined by historic workings and soil sampling.

The Company considers Sunday Creek to be the best new exploration discovery in Australia in recent times. From 134 drillholes for 26,476 m in total at the project, 30 individual intersections exceeding 50 AuEq g/t x m ("AuEq g/t x width in m") and an additional 15 individual intersections exceeding 100 AuEq g/t x m. 25 >100 cumulative grade x metres ("AuEq g/t x m") holes have now been intersected on the project. Mineralisation at the Golden Dyke to Apollo drill area remains open at depth and along strike.

The Company reported ten drill holes (SDDSC056-65) during the period. Continuity, within wide zones and high-grades is now evident down to approximately 900 m vertical depth. Subsequent to the end of the period, the Company announced results from drillhole SDDSC066 and commenced drilling at the Tonstal and Leviathan prospects, 3.5 km to 7 km to the north-east of the main drill area (Figure 5).

Drill Hole Results and Discussion

Rising Sun Prospect

SDDSC059 was designed to test a new vein set 25 m along strike and at a high angle from <u>SDDSC050</u> (5.0 m @ 36.1 g/t AuEq including 0.4 m @ 158.7 g/t AuEq) which demonstrated relationship between these holes and the predictable high-grades within the multiple individual north-west trending veins sets at -300 m RL (620 m vertically below surface). The Company predicted a new vein set to be located 25 m along strike from SDDSC050 and it hit the mineralised vein as expected. Highlights from SDDSC059 included:

- 14.6 m @ 7.3 g/t AuEq (6.3 g/t Au, 0.6 %Sb) from 569.8 m including:
 - o **0.7 m @ 6.3 g/t AuEq** (5.3 g/t Au, 0.6 %Sb) from 573.2 m
 - o **2.7 m @ 7.7 g/t AuEq** (3.6 g/t Au, 2.6 %Sb) from 575.3 m
 - o **1.0 m @ 73.8 g/t AuEg** (73.7 g/t Au, 0.1 %Sb) from 583.0 m

SDDSC061 was located 270 m vertically below the Rising Sun Shoot intersection in <u>SDDSC050</u> which returned 14.5 m @ 4.9 g/t AuEq (4.2 g/t Au, 0.5% Sb) from 439.8 m. Multiple points of visible gold (Photos 1 and 2) were observed between 691.0 m to 695.1 m in SDDSC061. In a horizontal plane, SDDSC061 is located 187 m west from SDDSC050 and **is the second deepest mineralised intersection on the project to date** at 690 m vertically below surface. It is interpreted that SDDSC061 remained in the structural hanging wall of the dyke breccia host sequence and did not exit into the footwall of the structure. Highlights from SDDSC061 included:

- **8.0 m** @ **1.3 g/t AuEq** (1.2 g/t Au, 0.1 %Sb) from 656.0 m
- 12.0 m @ 7.4 g/t AuEq (7.4 g/t Au, 0.0 %Sb) from 688.0 m
 - o Including 0.3 m @ 249.5 g/t AuEq (249.5 g/t Au, 0.0 %Sb) from 691.1 m

SDDSC064 drilled in the Rising Sun area of Sunday Creek and was designed to extend mineralisation to depth as a scissor hole (drilled in an opposite direction) to <u>SDDSC050</u> (305.8 m @ 2.4 g/t AuEq). It achieved this as the **deepest** 830 m vertically below surface and **one of the two highest grade intersections** on the Sunday Creek project with increasing abundance of visible gold (Photos 3-6). Highlights from five separate mineralised veins included:

- o 0.4 m @ 48.5 g/t AuEg (44.6 g/t Au, 2.5 %Sb) from 715.8 m
- o 0.3 m @ 16.3 g/t AuEq (15.6 g/t Au, 0.4 %Sb) from 725.8 m



- o 0.9 m @ 5.6 g/t AuEq (5.2 g/t Au, 0.2 %Sb) from 882.7 m
- 1.2 m @ 121.8 g/t AuEq (121.8 g/t Au, 0.1 %Sb) from 889.6 m including:
 - 0.5 m @ 158.5 g/t Au and 0.4 m @ 177.5 g/t Au
- 0.6 m @ 12.6 g/t AuEq (8.6 g/t Au, 2.5 %Sb) from 907.3 m

Apollo East Prospect

Drill hole **SDDSC063**, a 200 m step out from prior drilling at Apollo East targeted mineralisation found in surface trenching (8.0 m @ 19.6 g/t gold and 0.4% antimony (true width 3 m) and 2 m @ 4.9 g/t gold and 0.2% antimony (true width 2 m)). It extended mineralisation in the main drill area over 1,350 m from Christina in the far west to SDDSC063 and intersected:

- **2.7 m @ 4.4 g/t AuEq** (3.4 g/t Au, 0.7 %Sb) from 24.0 m
 - o Including 0.5 m @ 17.2 g/t AuEq (12.2 g/t Au, 3.2 %Sb) from 26.2 m

SDDSC065 drilled 12 m SE of SDDSC063 and intersected the edge of the mineralised body with anomalous and low-grade mineralisation intersected: **1.3 m @ 0.2 g/t AuEq** (0.1 g/t Au, 0.0 %Sb) from 26.2 m and **3.5 m @ 0.1 g/t AuEq** (0.1 g/t Au, 0.0 %Sb) from 31.5 m.

Subsequent to the close of the period, **SDDSC066** was designed to test five main mineralised vein sets and intersected **312 m** @ **1.4 g/t AuEq (1.1 g/t Au, 0.2% Sb) from 240.1 m** (with no lower cut). It was drilled east to west sub-parallel to the host sequence, at a moderate to high angle to the north-west striking mineralised vein sets that regularly cross the host structure on a predominate north-west orientation. These are typically 10 m to 40 m wide (cut off dependent), 20 m to 60 m along strike, and 300 m to 830 m down dip. Therefore, the hole was able to intersect five main mineralised structures over a 312 m wide downhole interval, while drilling inside the mineralised host. Nine intervals >15 g/t Au (up to 188.8 g/t Au), and 6 intervals >5% Sb (up to 22.5% Sb) were intersected.

It was the greatest down dip extension of mineralisation to date on the eastern end of the main mineralised body at Sunday Creek.

SDDSC066, drilled subsequent to the period end, was in an east to west orientation and intersected five main mineralised structures over a 312 m wide downhole interval with multiple high-grade intersections:

- 0.5 m @ 8.1 g/t AuEq (8.1 g/t Au, 0.0% Sb) from 240.1 m
- 0.3 m @ 17.4 g/t AuEq (4.4 g/t Au, 8.3% Sb) from 243.6 m
- 0.2 m @ 34.1 g/t AuEq (26.3 g/t Au, 5.0% Sb) from 297.2 m
- 10.5 m @ 5.8 g/t AuEq (4.2 g/t Au, 1.0% Sb) from 302.8 m, including:
 - 0.2 m @ 18.3 g/t AuEq (18.3 g/t Au, 0.0% Sb) from 306.2 m
 - o 1.0 m @ 23.1 g/t AuEq (12.8 g/t Au, 6.5% Sb) from 308.0 m
 - 1.5 m @ 17.4 g/t AuEq (14.2 g/t Au, 2.0% Sb) from 311.0 m
- 7.8 m @ 5.4 g/t AuEq (4.0 g/t Au, 0.9 %Sb) from 401.3 m, including:
 - 0.4 m @ 42.7 g/t AuEq (28.1 g/t Au, 9.3% Sb) from 404.6 m
 - o 0.2 m @ 44.0 g/t AuEq (40.5 g/t Au, 2.2% Sb) from 407.5 m
 - o 0.2 m @ 31.1 g/t AuEq (26.8 g/t Au, 2.7% Sb) from 408.9 m
- 0.5 m @ 5.4 g/t AuEq (4.5 g/t Au, 0.6% Sb) from 431.8 m
- 0.2 m @ 18.9 g/t AuEq (8.4 g/t Au, 6.6% Sb) from 506.5 m



- 5.6 m @ 1.9 g/t AuEq (1.5 g/t Au, 0.3% Sb) from 522.8 m, including:
 - o 0.5 m @ 8.4 g/t AuEq (6.7 g/t Au, 1.0% Sb) from 523.9 m
- 7.4 m @ 1.8 g/t AuEq (1.7 g/t Au, 0.1% Sb) from 531.9 m, including:
 - o 0.8 m @ 13.9 g/t AuEq (13.3 g/t Au, 0.4% Sb) from 538.0 m
- 10.4 m @ 22.4 g/t AuEq (18.6 g/t Au, 2.4% Sb) from 542.2 m, including:
 - 1.0 m @ 224.3 g/t AuEq (188.8 g/t Au, 22.5% Sb) from 544.2 m
 - o 0.8 m @ 10.6 g/t AuEq (7.3 g/t Au, 2.1% Sb) from 549.1 m

Apollo-Gladys Prospects

Drill hole **SDDSC056**, drilled to test a near surface gap between Apollo and Gladys intersected:

- 1.0 m @ 11.7 g/t AuEq (0.1 g/t Au, 7.4 %Sb) from 77.0 m
- 19.6 m @ 1.5 g/t AuEq (1.0 g/t Au, 0.3 %Sb) from 132.0 m
 - o Including 0.5 m @ 25.7 g/t AuEq (9.9 g/t Au, 10.0 %Sb) from 134.5 m, and
 - o Including 0.5 m @ 6.3 g/t AuEq (6.3 g/t Au, 0.0 %Sb) from 150.1 m
- 2.4 m @ 3.8 g/t AuEq (3.5 g/t Au, 0.2 %Sb) from 172.6 m
 - Including 0.6 m @ 10.8 g/t AuEq (9.9 g/t Au, 0.6 %Sb) from 173.8 m

Drill hole **SDDSC057** tested a gap lower in the Apollo area intersected lower grade gold and arsenic mineralisation over **16.4 m @ 0.8 g/t AuEq** (0.3 g/t Au, 0.3 %Sb) from 325.2 m (20 m @ 0.1 g/t Au lower cutoff), which included **0.8 m @ 11.7 g/t AuEq** (2.0 g/t Au, 6.1 %Sb) from 328.2 m.

Golden Dyke Prospect

SDDSC058, the first of three holes drilled below old workings at Golden Dyke intersected the halo to mineralisation with broad and low-grade gold and arsenic noted including **19.0 m** @ **0.2 g/t AuEq** (0.2 g/t Au, 0.0 %Sb) from 220.0 m (20m @ 0.1 g/t Au lower cut-off).

The two other drill holes at Golden Dyke (**SDDSC060**, **SDDSC062**) tested the most easterly vein set at this prospect. Both of the holes reported wide zones of low-grade mineralisation and further drilling is required to understand the controls on high-grade mineralisation at Golden Dyke, which was the largest and deepest producer in the historical goldfield and is the most westerly of the prospects drilled by SXG to date. Further work is therefore necessary at this high potential prospect.

SDDSC060 intersected the halo to mineralisation with broad and low-grade gold and arsenic noted within an intersection of 38.4 m @ 0.1 g/t AuEq (0.1 g/t Au, 0.0 %Sb) from 189.4 m. Visible gold was observed in a narrow vein at 224 m.

SDDSC062 tested the most easterly vein set at Golden Dyke and intersected 30 - 40 m wide zones of low-grade mineralisation. Wider zones of low-grade mineralisation were also intersected including 13.6 m @ 0.7 g/t AuEq (0.7 g/t Au, 0.0 %Sb) from 270.6 m and 27.6 m @ 0.8 g/t AuEq (0.5 g/t Au, 0.2 %Sb) from 291.4 m. Higher-grade intervals included:

- 4.4 m @ 1.6 g/t AuEq (1.6 g/t Au, 0.0 %Sb) from 279.8 m, including:
 - o **0.8 m @ 6.1 g/t AuEq** (6.1 g/t Au, 0.0 %Sb) from 281.0 m
- **1.2 m** @ **2.7 g/t AuEq** (1.9 g/t Au, 0.5 %Sb) from 291.4 m
- **10.0 m** @ **1.5 g/t AuEq** (0.7 g/t Au, 0.5 %Sb) from 306.0 m, including:



o **0.5 m @ 5.1 g/t AuEq** (1.3 g/t Au, 2.4 %Sb) from 310.5 m

Additional Drill Rig Mobilised and Update on Current Drilling

A fourth drill rig was brought on site early in the quarter to drill test the Leviathan to Tonstals trend located 3.5 km to 7.5 km to the northeast of the main drill area. In total, the Company targets a 2,500 m regional drill program for this area as part of the broader 30,000 m program for calendar year 2023.

Drilling with four rigs is in progress at the time of this report at the main drill area and up to 7.5 km north-east at the Tonstal, Consols and Leviathan prospects.

Mineralisation, Scale and Comparison to Other Epizonal Deposits

Mineralisation Creek structurally controlled, with Sunday is increased mineralisation associated with brittle-ductile shear veins that show quartz-stibnite extension veining, stibnite-gold-matrix breccias and disseminated mineralisation in the form of arsenian pyrite, pyrite and arsenopyrite. The host for mineralisation is an east to north-east trending zone of intensely altered 'bleached' sericite-albitic siltstones, and sericite-carbonate-albite altered dyke rocks that ranges from 50 m to 200 m wide. A larger arsenic anomaly is associated with gold mineralisation, mostly represented by arsenian-pyrite but arsenopyritebearing zones predominate below 700 m vertical depth with a clear spatial relationship to high-grade gold. A sulphidic (pyritic) halo, predominately in bleached pyrite-sericitic veins rounds out the larger visible alteration footprint.

Mineralised vein sets cross the host structure at on a predominate north-west orientation and are typically 10 m to 40 m wide (cut off dependent), 20 m to 60 m along strike, and 300 m to 830 m down dip. As compared to other deposits, Sunday Creek benefits from the presence of multiple high-grade veins. Mineralised shoots at Sunday Creek can also be formed at the intersection of the sub-vertical to shallower dipping 330 degree (NW) striking mineralised veins sets and the east-west striking, steeply north dipping structure hosting dioritic dykes and related intrusive breccias.

At Sunday Creek, and as is typical for epizonal deposits (for example Fosterville and Costerfield, Reefton (NZ)), visible gold becomes increasingly significant at depth below approximately 800 m. This represents the different temperatures and changes in structural regimes of formation of epizonal Au-Sb and Au dominant mineralisation. Gold at Sunday Creek is hosted in quartz and carbonate vein sets, associated with stibnite bearing veins and breccias.

Critical Metal Epizonal Gold-Antimony Deposits

Sunday Creek is an epizonal gold-antimony deposit formed in the late Devonian period (similar to Fosterville, Costerfield, Redcastle and Whroo), 60 million years later than mesozonal gold systems formed in Victoria (ie: 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 metal, antimony, and Sunday Creek is no exception. Geoscience Australia reported that as at 2019, antimony is a critical metal where China and Russia combined produce approximately 82% of the antimony raw material supply. 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, military applications, 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. For example, antimony is a critical element in the manufacture of lithium-ion batteries and to the next generation of liquid metal batteries that lead to scalable energy storage for wind and solar power.



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 54km to the northwest of the project, for processing during WW1. The Costerfield mine corridor, now owned by Mandalay Resources Ltd contains 2 million ounces of equivalent gold (Mandalay Q3 2021 Results), and in 2020 was the sixth highest-grade global underground mine and a top five global producer of antimony.

SXG considers that it is appropriate to adopt the same gold equivalent variables as Mandalay Resources Ltd in its <u>Mandalay Technical Report, 2022</u> dated 25 March 2022. The gold equivalence formula used by Mandalay Resources was calculated using recoveries achieved at the Costerfield Property Brunswick Processing Plant during 2020, using a gold price of US\$1,700 per ounce, an antimony price of US\$8,500 per tonne and 2021 total year metal recoveries of 93% for gold and 95% for antimony, and is as follows: $AuEq = Au (g/t) + 1.58 \times Sb$ (%).

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 $AuEq = Au (glt) + 1.58 \times Sb$ (%) is appropriate to use for the initial exploration targeting of gold-antimony mineralisation at Sunday Creek.

Queensland Projects

During the quarter there was no significant exploration activities carried out at the Company's Queensland exploration permits.

Corporate

Victorian government strategic project facilitation funds

During the quarter, the Victorian government announced it will invest \$23.3m to enhance regulator capability and approvals processes by establishing an Earth Resources Approvals Coordinator similar to the initiative used successfully for the quarrying industry. This will facilitate project approvals and streamline the regulatory landscape across departmental jurisdictions, reducing overlap and accelerate timeframes and outcomes. It will also deliver regional development opportunities in Victoria.

ESG

Environment

- The company joined forces with the Sunday Creek-Dry Creek Landcare Group and our neighbours to carry out an extensive blackberry spraying program across Clonbinane. Blackberry has been recognised as a Weed of National Significance (WoNS) in Australia because of its high degree of invasiveness, its aggressive spread, and its economic and environmental impacts. Blackberry seriously threatens both agricultural and natural ecosystems. Southern Cross Gold is also an active member in our local Landcare Group and the Clonbinane Emergency Response Group.
- So far this year, Southern Cross Gold has saved over 20 tonnes of plastic from going to landfill with our recycled plastic core trays that are manufactured in Melbourne. Our trays are made locally from local curbside recycling, which helps us to significantly reduce our carbon footprint.



Safety

- In this quarter we had one Lost Time Injury when a field assistant got a metal shaving in her eye while grinding which was safely removed. The field assistant was wearing appropriate PPE, but the filing still managed to get under her safety glasses. A safety investigation was held, and additional PPE of a face shield was added to our safe working procedures.
- We are rolling out the Smartek online inductions and site access digital system. The system will allow
 visitors, contractors and staff to complete online safety inductions and we can monitor staff and visitor
 access to our sites, increasing the safety and security of all our people.
- The company has commenced a program to fence off all the historical open pits and shafts at Sunday Creek to make them safe for our staff, visitors and the local wildlife. We have a team of experienced miners undertaking this work which we hope will also make the next investors tour of Sunday Creek more enjoyable and informative as you will be able to better access the old workings to look at the geology of the project.
- All staff have completed several courses this quarter including courses on cyber security, driver safety, time management and creating a positive and productive work environment.

Community

- During the quarter, the Southern Cross Team continued to engage the local and wider community. We had a stand at the Seymour Alternative Farming Expo where we had many visitors over the three days including many of our Clonbinane neighbours. Three lucky people won our daily giveaway of a 1 gram gold tablet. It was terrific to engage with the community and our staff had a great time. We even purchased a tractor for Sunday Creek!
- Southern Cross Gold is committed to working with the Taungurung People who are the traditional owners of the land on which we operate. This quarter we started working with Elder Aunty Lorraine Padgham on a dual language Taungurung and English children's book. The book will tell stories created by local children for children. Aunty Loraine held a Taungurung Wurrung Yilam (Taungurung language camp) where the children workshopped their ideas. Southern Cross Gold will sponsor the publishing of this book and we hope that we will be able to offer it to the local primary schools. It will also make wonderful Christmas stocking fillers!
- We have also purchased from the Taungurung Land and Waters Council acknowledgement plaques for the Sunday Creek Project and our shed in Kilmore.
- The company welcomed Davis from Goulburn Options Seymour, one of our local NDIS providers.
 Davis is proving to be an essential team member as he ensures all our vehicles are safely maintained, clean and weed free. Goulburn Options also manufacture our core blocks at their Seymour facility.
- Our staff were involved in the local Wallan High School Careers Quick Meet. It was a great forum for Year 9 students to ask our geologists and farm manager about careers in mining.

Governance

 Southern Cross Gold are near completion of the Health and Safety gap analysis for the implementation of the Towards Sustainable Mining Initiative. Towards Sustainable Mining (TSM), is a globally recognised accountability framework which supports minerals companies to evaluate, manage and communicate their sustainability performance.



Interests in Mining Tenements

Below is a summary of the mining tenements held by the Company at the end of the quarter:

Mining Tenement	Location	Beneficial Percentage held	Interest acquired/farm-in or disposed/farm- out during the quarter
EL 6163 – Sunday Creek	Victoria, Australia	100%	-
EL 7232 – Sunday Creek	Victoria, Australia	100%	-
RL 6040 – Sunday Creek	Victoria, Australia	100%	
EL 6158 - Whroo	Victoria, Australia	 - (*Subject to earn-in) 	
EL 6212 – Whroo	Victoria, Australia	- (*Subject to earn-in)	
EL 7205 - Whroo	Victoria, Australia	 - (*Subject to earn-in) 	
EL 7209 – Whroo	Victoria, Australia	- (*Subject to earn-in)	
EL 7237 – Whroo	Victoria, Australia	 - (*Subject to earn-in) 	
EL 7238 – Whroo	Victoria, Australia	- (*Subject to earn-in)	
RL 2019 – Whroo	Victoria, Australia	- (*Subject to earn-in)	
ELA 7653 – Whroo	Victoria, Australia	 - (*Subject to earn-in) 	
EL 5546 - Redcastle	Victoria, Australia	**70%	
EL 7498 – Redcastle	Victoria, Australia	**70%	
EL 7499 – Redcastle	Victoria, Australia	**70%	
EPM 26940 - Mt Isa	Queensland, Australia	100%	
EPM 27022 - Mt Isa	Queensland, Australia	100%	
EPM 27025 - Mt Isa	Queensland, Australia	100%	
EPM 26481 – Mt Isa	Queensland, Australia	100%	
EPM 27625 – Mt Isa	Queensland, Australia	100%	
EPM 27626 – Mt Isa	Queensland, Australia	100%	

^{*} Whroo joint venture - A subsidiary of the Company, Mawson Victoria Pty Ltd, is party to an Option and Joint Venture Agreement with Nagambie Resources Limited for the Whroo Joint Venture tenements. In meeting \$2,500,000 of exploration commitments and \$250,000 cash payments over a 4-year period set under the Farm-in Agreements by 2 December 2024, Mawson Victoria Pty Ltd will have a 60% economic interest in those tenements. Upon Mawson Victoria Pty Ltd earning a 60% interest, either party may elect by notice to the other to form a joint venture ("JV") under which the percentage ownership of each of Nagambie Resources Limited and Mawson Victoria Pty Ltd will be 40% and 60%, respectively.

Should the parties not elect to form a 40/60% JV, Mawson Victoria Pty Ltd will then have the option to earn an additional 10% interest in the Optioned Property (for an aggregate 70% interest) by incurring an additional A\$1.5M of exploration expenditures on or before the end of year 6 (cumulative A\$4.0M in years 1 to 6). Once Mawson Victoria Pty Ltd earns a 70% interest, a JV between the parties will be automatically formed. Nagambie Resources Limited may then contribute its 30% ownership with further exploration expenditures or, if it chooses to not contribute, dilute its interest. Should Nagambie Resources Limited's interest be reduced to less than 5.0%, it will be deemed to have forfeited its interest in the JV to Mawson Victoria Pty Ltd in exchange for a 1.5% net smelter return royalty ("NSR") on gold revenue.

Should Nagambie Resources Limited be granted the NSR, Mawson Victoria Pty Ltd will have the right to acquire the NSR for A\$4,000,000. As of this date, Mawson Victoria Pty Ltd has met its minimum first year commitments and is working towards meeting its second-year commitment by 2 December 2022.

** Redcastle Joint Venture - A subsidiary of the Company, Mawson Victoria Pty Ltd, is party to an Option and Joint Venture Agreement with Nagambie Resources Limited for the Redcastle Joint Venture tenements.



In meeting \$1,000,000 of exploration commitments over a 5-year period set under the Farm-in Agreements by 25 March 2025, the consolidated entity will have a 70% economic interest in those tenements. Once the consolidated entity earns a 70% economic interest, a joint venture between the parties will be formed. Nagambie Resources Limited may then contribute its 30% share of further exploration expenditures or, if it chooses to not contribute, dilute its interest.

Should Nagambie Resource Limited's interest be reduced to less than 5%, it will be deemed to have forfeited its interest in the joint venture to the Company in exchange for a 1.5% net smelter return royalty ("NSR") on gold revenue. Should Nagambie Resources Limited be granted the NSR, the Company will have the right to acquire the NSR for \$4,000,000 per property. As of this date, the Company has earnt 70% and the companies are proceeding to form a joint venture.

Additional Information

The table below compares the Company's actual expenditure against the 2 year Use of Funds table contained in the Company's IPO Prospectus dated 17 March 2022:

Use of funds as contained in the Prospectus	2 Year Use of Funds as contained in the Prospectus	Actual amount spent to date
Sunday Creek exploration	\$3,910,200	\$5,314,404
Whroo exploration	\$1,204,950*	\$108,771
Redcastle exploration	\$550,250*	\$133,412
Mt Isa exploration	\$500,000	\$86,520
Freehold land purchase and capital items	\$2,000,000	\$2,083,779
Admin and corporate	\$1,925,000	\$2,155,806
Costs of the Offers	\$889,600	\$863,526**
Remaining working capital	\$313,300	-
Total	\$11,293,000	\$10,746,218

^{*} The Company has identified a typographical error in the initial pre-disclosure announcement lodged with ASX on 12 May 2022, whereby the planned expenditure for Whroo and Redcastle were inadvertently switched. The table above reflects the correct break up of planned expenditure.

All expenditure noted above has been in line with the Company's 2 year use of funds table included in its IPO Prospectus, with a focus on the Sunday Creek Project following a capital raising completed in late 2022. The funds raised from the capital raising have been used to accelerate exploration at the Sunday Creek Project.

Appendix 5B related party payments

Amounts included in section 6.1 of the accompanying Appendix 5B relate to following:

- Directors fees and superannuation payments for the May 2023 quarter (\$59,000); and
- Amounts paid to Non-Executive Director, Ms Georgina Carnegie, for consulting services provided relating to progressing the Company's Critical Metals strategy. (\$19,600).

^{**} Costs of the Offer will be split between equity and profit and loss in the statutory financial reports.



- Ends -

This announcement has been authorised for release by the Board of SXG.

Competent Person Statement

Information in this report 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".

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

- 30 May 2022 SDDSC033
- 9 August 2022 SDDSC039
- 20 October 2022 SDDSC046, SDDSC049
- 21 November 2022 SDDSC050
- 14 December 2022 <u>SDDSC050</u>
- 30 March 2022 SDDSC061
- 16 May 2024 SDDSC064
- 1 June 2023 SDDSC066

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.



Figure 1: Location of SXG Victorian projects

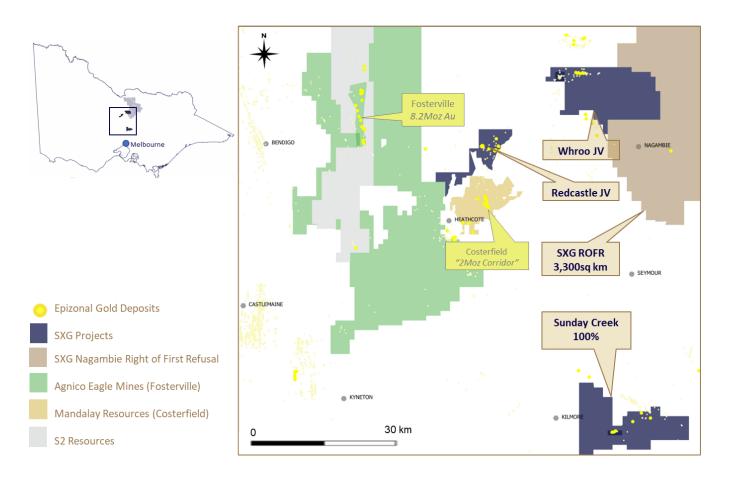




Figure 2: Sunday Creek plan view showing a selection of drillholes for results reported in this quarter, as well as drillholes reported prior to this quarter and pending holes

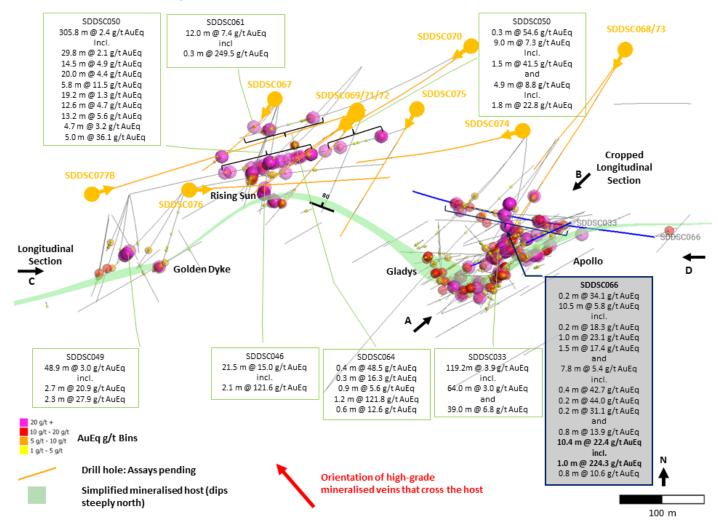




Figure 4: Sunday Creek east-west longitudinal section looking towards 000, along the trend of the dyke/structure showing individual shoots defined to date. Shown are a selection of drillholes for results reported in this quarter, as well as drillholes reported prior to this quarter.

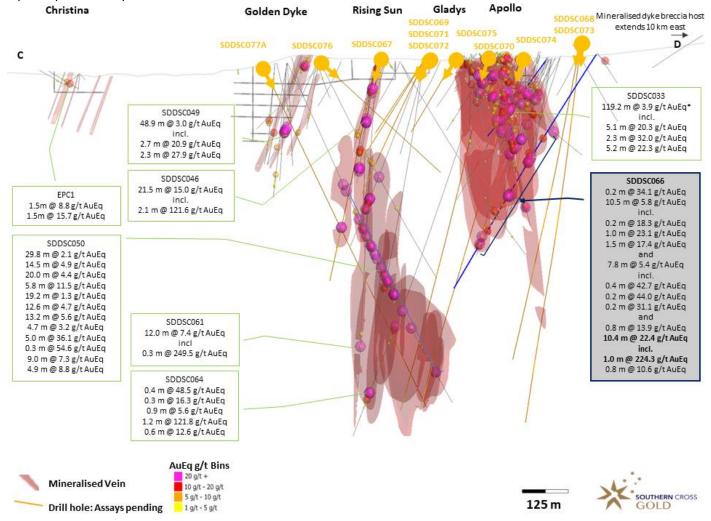




Figure 5: Sunday Creek regional plan view showing LiDAR, soil sampling, structural framework, regional historic epizonal gold mining areas and broad regional areas to be tested in a 2,500 m diamond drill program. The regional drill areas are at Tonstal, Consols and Leviathan located 4- 7.5 km along strike from the main drill area at Golden Dyke- Apollo.

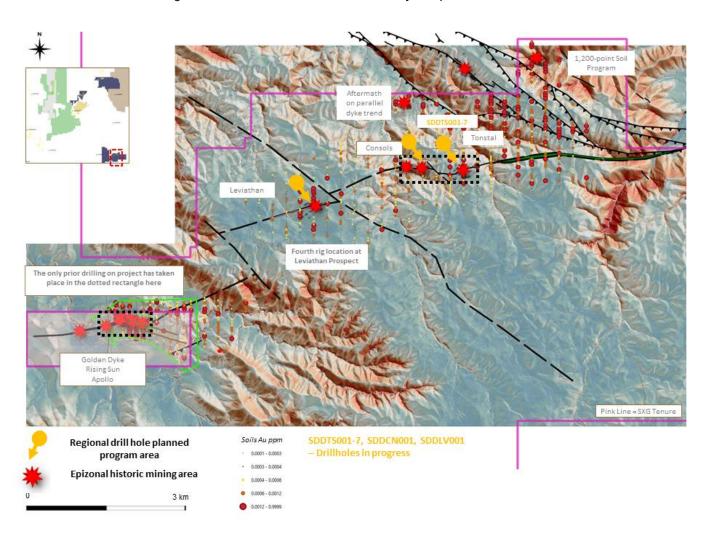
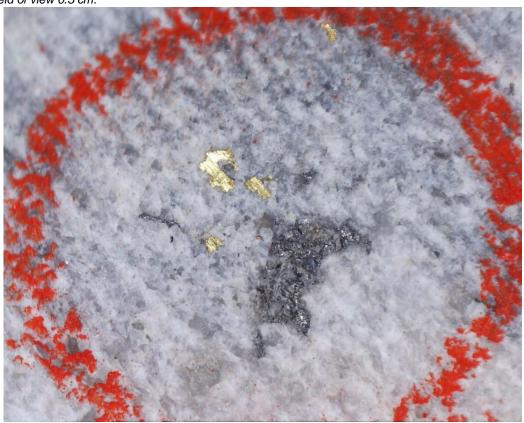




Photo 1: SDDSC061 at 691.2 m with multiple points of visible gold shown in the red circles. Yellow box shows the location of Photo 2. Scale in cm.



Photo 2: SDDSC061 at 691.2 m with a zoom in on Photo 1 showing the detail of multiple points of visible gold adjacent to arsenopyrite. Field of view 0.5 cm.



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Photo 3: SDDSC064 716.0 m showing visible gold along stibnite and arsenopyrite veinlets within quartz carbonate vein. Ticks show mm scale.

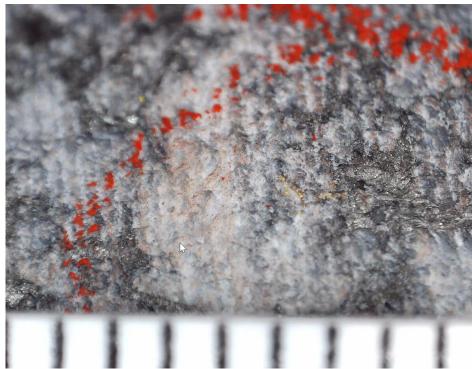


Photo 4: SDDSC064 725.8 m showing visible gold on the margin of a quartz carbonate vein with arsenopyrite. Ticks show mm scale.

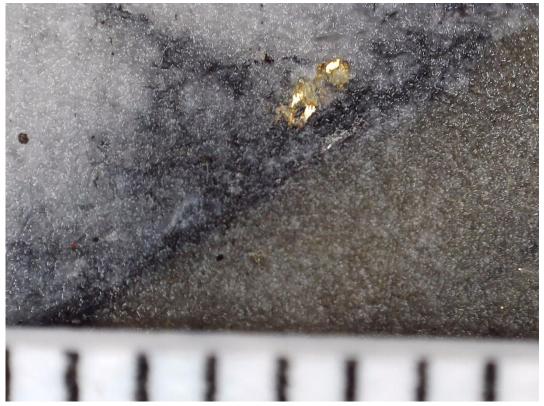




Photo 5: SDDSC064 between 890.2-890.7 m showing visible gold within a quartz carbonate vein stockwork hosted by albitised and sericitized dioritic dyke. Minor fuchsite (lime green) alteration in dyke. Field of view 30mm.



Photo 6: SDDSC064 between 890.2-890.7 m showing visible gold within a quartz carbonate vein hosted by albitised and sericitised dioritic dyke. Drill core (NQ) is 47.6 mm wide



 Table 1: Drill collar summary table for drillholes with assays released in this quarterly report.

Hole_ID	Hole Size	Depth (m)	Prospe ct	East GDA94_Z55	North GDA94_Z55	Elevation	Azimuth	Plunge
SDDSC056	HQ	194	Apollo	331110.8	5867850.90	303.1	231.2	-35.0
SDDSC057	HQ	414.2	Apollo	331111.65	5867975.1	319.1	184.3	-71.1
SDDSC058	HQ	303	Golden Dyke	330534.6	5867882.1	295.9	188	-69.8
SDDSC059	HQ	641.9	Root Hog	330883	5868075	306.7	214	-75.5
SDDSC060	HQ	263.8	Golden Dyke	330534.6	5867882.1	295.9	167.3	-69.9
SDDSC061	HQ	821.8	Gentle Annie	330754.2	5868022.2	294.3	209.5	-81.7
SDDSC062	HQ	339.3	Golden Dyke	330537.1	5867883.4	295.6	199	-74.2
SDDSC063	HQ	41.1	Apollo	331292.5	5867824.6	316.4	68	-35
SDDSC064	HQ	1013.5	Root Hog	331031.5	5868097.6	325.1	239.6	-69.2
SDDSC065	HQ	40.1	Apollo	331292.5	5867824.6	316.4	92	-39
SDDSC066	HQ	669.9	Apollo	331291.1	5867823.1	316.8	278.9	-57
SDDSC067	HQ	551	Rising Sun	330754.2	5868022.2	294.3	220.2	-70.4
SDDSC068	HQ	In progress plan 1200m	Apollo	331254	5868098.6	353.9	211.3	-77.7
SDDSC069	HQ	385.8	Rising Sun	330875	5868005	307.19	234	-59
SDDSC070	HQ	911.3	Rising Sun	331031.5	5868097.6	325.1	231	-74.5
SDDSC071	HQ	329.3	Rising Sun	330875	5868005	307.19	232	-51
SDDSC072	HQ	259.7	Rising Sun	330875	5868005	307.19	222	-43
SDDSC073	HQ	770	Apollo	331254	5868097	353.9	212	-69
SDDSC074	HQ	898.1	Root Hog	331108	5867975	319.4	255	-73
SDDSC075	HQ	283.1	Root Hog	330951	5868007	313.7	211	-40
SDDSC076	HQ	Ending at 400m	Gladys Gap	330617	5867890	300.0	85.0	
SDDSC077B	HQ	In progress plan 930m	Rising Sun	330478	5867882	289.0	73.3	
SDDTS001	NQ	179.75	Tonstal	336788	5870637	525	156	-50
SDDTS002	NQ	182.6	Tonstal	336788	5870637	525	111	-42
SDDTS003	NQ	197.8	Tonstal	336788	5870637	525	111	-73
SDDTS004	NQ2	62.6	Tonstal	336788	5870637	525	79	-60
SDDTS004A	NQ2	170.6	Tonstal	336788	5870637	525	79	-60
SDDTS005	NQ2	16	Tonstal	336788	5870637	525	70	-42
SDDTS005A	NQ2	256	Tonstal	336788	5870637	525	70	-42
SDDTS006	NQ2	368.6	Tonstal	336788	5870637	525	48	-50
SDDTS007	NQ2	179.6	Tonstal	336788	5870637	525.2	230.0	-50.0
SDDCN001	NQ2	200.0	Consols	336270	5870700	507.0	220.0	-60.0
SDDLV001	NQ2	In progress plan 120m	Leviath an	334240	5869962	552.2	190.0	-60.0

Table 2: Table of mineralised drill hole intersections reported this quarter using two cut-off criteria. Lower grades cut at 0.3 g/t lower cutoff over a maximum of 3 m with higher grades cut at 5.0 g/t AuEq cutoff over a maximum of 1 m.

Drill Hole	from	to	width	Au g/t	Sb %	AuEq g/t
SDDSC056	77	78.0	1.0	0.1	7.4	11.7
SDDSC056	132	151.6	19.6	1.0	0.3	1.5
including	134.5	135.0	0.5	9.9	10.0	25.7
including	150.12	150.6	0.5	6.3	0.0	6.3
SDDSC056	172.6	175.0	2.4	3.5	0.2	3.8
including	173.8	174.4	0.6	9.9	0.6	10.8
SDDSC057	325.2	331.0	5.8	0.6	0.9	1.9
including	328.2	329.0	0.8	2.0	6.1	11.7
SDDSC059	569.8	584.4	14.6	6.3	0.6	7.3
including	573.2	573.9	0.7	5.3	0.6	6.3
including	575.3	578.0	2.7	3.6	2.6	7.7
including	583.0	584.0	1.0	73.7	0.1	73.8
SDDSC059	596.8	598.5	1.7	0.4	0.2	0.7
SDDSC059	605.4	607.8	2.4	0.2	0.1	0.4
SDDSC060	215.0	227.7	12.7	0.3	0.0	0.3
SDDSC061	656	664.0	8.0	1.2	0.1	1.3
SDDSC061	688	700.0	12.0	7.4	0.0	7.4
including	691.05	691.4	0.3	249.5	0.0	249.5
SDDSC062	273.4	276.0	2.6	0.7	0.0	0.8
SDDSC062	279.8	284.2	4.4	1.6	0.0	1.6
including	281.0	281.8	0.8	6.1	0.0	6.1
SDDSC062	291.4	292.6	1.2	1.9	0.5	2.7
SDDSC062	297.3	302.2	4.9	0.4	0.1	0.5
SDDSC062	306.0	316.0	10.0	0.7	0.5	1.5
including	310.5	311.0	0.5	1.3	2.4	5.1
SDDSC062	326.3	328.2	1.9	0.9	0.0	0.9
SDDSC063	24	26.7	2.7	3.4	0.7	4.4
including	26.2	26.7	0.5	12.2	3.2	17.2
SDDSC064	715.75	716.10	0.4	44.6	2.5	48.5
SDDSC064	725.75	727.00	1.3	3.4	0.2	3.7
including	725.75	726.00	0.3	15.6	0.4	16.3
SDDSC064	734.00	735.85	1.9	0.2	0.3	0.7
SDDSC064	741.00	753.00	12.0	0.5	0.1	0.6
SDDSC064	756.85	764.00	7.1	0.7	0.2	1.0
SDDSC064	880.80	886.00	5.2	1.5	0.1	1.6
including	882.66	883.60	0.9	5.2	0.2	5.6
SDDSC064	889.60	890.78	1.2	121.8	0.1	121.8
SDDSC064	889.92	890.78	0.9	166.9	0.1	167.0

SDDSC064	898.25	921.87	23.6	0.7	0.1	0.9
including	907.25	907.84	0.6	8.6	2.5	12.6
SDDSC066	240.14	240.65	0.5	8.1	0.0	8.1
SDDSC066	243.56	243.83	0.3	4.4	8.3	17.4
SDDSC066	297.15	297.37	0.2	26.3	5.0	34.1
SDDSC066	302.80	313.27	10.5	4.2	1.0	5.8
including	306.20	306.42	0.2	18.3	0.0	18.3
including	307.96	308.96	1.0	12.8	6.5	23.1
including	311.00	312.53	1.5	14.2	2.0	17.4
SDDSC066	401.30	409.11	7.8	4.0	0.9	5.4
including	404.59	404.98	0.4	28.1	9.3	42.7
including	407.47	407.66	0.2	40.5	2.2	44.0
including	408.89	409.11	0.2	26.8	2.7	31.1
SDDSC066	431.82	432.35	0.5	4.5	0.6	5.4
SDDSC066	491.45	494.55	3.1	1.0	0.2	1.3
SDDSC066	506.45	506.68	0.2	8.4	6.6	18.9
SDDSC066	512.66	517.00	4.3	0.9	0.3	1.4
SDDSC066	522.80	528.42	5.6	1.5	0.3	1.9
including	523.92	524.42	0.5	6.7	1.0	8.4
SDDSC066	531.90	539.30	7.4	1.7	0.1	1.8
including	538.00	538.75	0.8	13.3	0.4	13.9
SDDSC066	542.18	552.55	10.4	18.6	2.4	22.4
including	544.23	545.19	1.0	188.8	22.5	224.3
including	549.12	549.90	0.8	7.3	2.1	10.6

Table 3: All individual assays reported this quarter >0.1g/t AuEq.

Drill Hole	From (m)	To (m)	Width (m)	Au g/t	Sb %	AuEq g/t
SDDSC056	117.0	118.0	1.0	0.3	0.2	0.3
SDDSC056	118.0	119.0	1.0	1.7	0.0	1.7
SDDSC056	119.0	120.0	1.0	0.2	0.0	0.2
SDDSC056	120.0	121.0	1.0	0.1	0.0	0.1
SDDSC056	121.0	122.0	1.0	0.7	0.0	0.7
SDDSC056	122.0	123.0	1.0	0.2	0.0	0.2
SDDSC056	124.0	126.0	2.0	0.2	0.0	0.2
SDDSC056	126.0	127.0	1.0	0.3	0.1	0.3
SDDSC056	127.0	128.0	1.0	0.2	0.0	0.2
SDDSC056	128.0	129.0	1.0	0.1	0.0	0.1
SDDSC056	130.0	131.0	1.0	0.2	0.0	0.2
SDDSC056	131.0	132.0	1.0	0.2	0.0	0.2
SDDSC056	132.0	132.3	0.3	0.1	0.1	0.1
SDDSC056	132.3	133.0	0.7	0.6	0.0	0.6
SDDSC056	133.0	133.6	0.6	0.3	1.1	0.5
SDDSC056	133.6	134.5	0.9	0.2	0.0	0.2
SDDSC056	134.5	135.0	0.5	9.9	10.0	11.5
SDDSC056	135.0	136.0	1.0	1.2	0.0	1.2
SDDSC056	137.1	138.0	0.9	0.3	0.1	0.3
SDDSC056	138.0	139.0	1.1	1.5	0.0	1.5
SDDSC056	139.0	140.0	1.0	1.7	0.0	1.7
SDDSC056	140.0	141.0	1.0	1.2	0.1	1.2
SDDSC056	141.0	142.0	1.0	1.0	0.0	1.0
SDDSC056	142.0	143.0	1.0	0.2	0.0	0.2
SDDSC056	143.0	144.0	1.0	0.2	0.0	0.2
SDDSC056	144.0	145.5	1.5	1.0	0.0	1.0
SDDSC056	145.5	146.8	1.3	0.4	0.0	0.4
SDDSC056	146.8	147.7	1.0	0.3	0.0	0.3
SDDSC056	148.6	149.5	0.9	0.7	0.0	0.7
SDDSC056	149.5	150.1	0.6	0.7	0.0	0.7
SDDSC056	150.1	150.6	0.5	6.3	0.0	6.3
SDDSC056	150.6	151.6	1.0	0.6	0.0	0.6
SDDSC056	153.5	153.9	0.5	0.2	0.0	0.2
SDDSC056	163.9	164.6	0.7	0.6	0.0	0.6
SDDSC056	164.7	165.4	0.7	0.6	0.0	0.6
SDDSC056	167.8	168.7	0.9	0.2	0.0	0.2
SDDSC056	172.6	173.2	0.6	0.3	0.0	0.3
SDDSC056	173.2	173.8	0.6	3.3	0.0	3.3

SDDSC056	173.8	174.4	0.6	9.9	0.6	10.0
SDDSC056	174.4	175.0	0.6	0.5	0.1	0.5
SDDSC056	175.0	175.3	0.3	0.1	0.0	0.1
SDDSC057	242.7	243.7	1.0	0.1	0.0	0.1
SDDSC057	243.7	244.2	0.6	0.2	0.0	0.2
SDDSC057	244.2	245.3	1.1	0.2	0.0	0.2
SDDSC057	325.2	326.2	1.0	0.3	0.0	0.3
SDDSC057	326.2	327.2	1.0	0.5	0.0	0.5
SDDSC057	327.2	328.2	1.0	0.2	0.0	0.2
SDDSC057	328.2	329.0	0.8	2.0	6.1	3.0
SDDSC057	329.0	330.0	1.0	0.2	0.0	0.2
SDDSC057	330.0	331.0	1.0	0.4	0.1	0.4
SDDSC057	331.0	332.0	1.0	0.2	0.0	0.2
SDDSC057	332.0	333.0	1.0	0.3	0.0	0.3
SDDSC057	333.0	334.0	1.0	0.1	0.0	0.1
SDDSC057	334.0	335.0	1.0	0.2	0.0	0.2
SDDSC057	335.0	335.4	0.4	0.1	0.0	0.1
SDDSC057	335.4	336.4	1.0	0.2	0.0	0.2
SDDSC057	336.4	337.1	0.7	0.2	0.0	0.2
SDDSC057	337.1	337.7	0.6	0.3	0.1	0.3
SDDSC057	337.7	338.2	0.5	0.4	0.0	0.4
SDDSC057	338.2	339.1	0.9	0.2	0.0	0.2
SDDSC057	339.1	340.1	1.0	0.3	0.0	0.3
SDDSC057	340.1	340.8	0.8	0.2	0.0	0.2
SDDSC057	347.0	348.0	1.0	0.1	0.0	0.1
SDDSC057	351.0	352.0	1.0	0.1	0.0	0.1
SDDSC057	353.7	354.7	1.0	0.3	0.0	0.3
SDDSC057	354.7	355.4	0.7	0.2	0.0	0.2
SDDSC058	121.0	121.6	0.6	0.4	0.0	0.4
SDDSC058	138.0	139.0	1.0	0.1	0.0	0.1
SDDSC058	148.5	149.5	1.0	0.3	0.0	0.3
SDDSC058	208.0	209.0	1.0	0.1	0.0	0.1
SDDSC058	220.0	221.0	1.0	0.1	0.0	0.1
SDDSC058	223.0	224.0	1.0	0.1	0.0	0.1
SDDSC058	224.0	225.0	1.0	0.2	0.2	0.2
SDDSC058	225.0	226.4	1.4	0.3	0.0	0.3
SDDSC058	226.4	227.0	0.6	0.2	0.1	0.2
SDDSC058	229.0	230.0	1.0	0.3	0.0	0.3
SDDSC058	231.0	231.8	0.8	0.1	0.0	0.1
SDDSC058	233.0	234.0	1.0	0.5	0.2	0.5
SDDSC058	234.0	234.5	0.6	0.9	0.3	0.9

SDDSC058	234.5	235.3	0.8	0.3	0.0	0.3
SDDSC058	235.3	236.0	0.7	0.1	0.0	0.1
SDDSC058	265.8	266.2	0.4	0.1	0.0	0.1
SDDSC058	268.0	269.0	1.0	0.2	0.0	0.2
SDDSC059	180.0	181.0	1.0	0.2	0.0	0.2
SDDSC059	502.9	503.8	0.9	0.2	0.0	0.2
SDDSC059	569.0	569.8	0.8	0.2	0.0	0.3
SDDSC059	569.8	570.5	0.7	0.6	0.1	0.8
SDDSC059	570.5	571.5	1.0	0.1	0.0	0.1
SDDSC059	571.5	572.5	1.0	0.1	0.0	0.1
SDDSC059	572.5	573.2	0.7	0.1	0.0	0.1
SDDSC059	573.2	573.9	0.7	5.3	0.6	6.3
SDDSC059	573.9	574.5	0.6	0.5	0.2	0.8
SDDSC059	574.5	575.3	0.8	0.1	0.0	0.1
SDDSC059	575.3	576.3	1.0	4.0	3.2	9.1
SDDSC059	576.3	576.7	0.4	2.3	2.4	6.0
SDDSC059	576.7	577.2	0.4	2.1	2.2	5.5
SDDSC059	577.2	577.5	0.4	0.7	1.9	3.7
SDDSC059	577.5	578.0	0.5	7.7	2.4	11.4
SDDSC059	578.0	579.0	1.0	0.7	0.3	1.1
SDDSC059	579.0	579.8	0.8	0.3	0.1	0.4
SDDSC059	579.8	580.3	0.5	1.4	1.4	3.5
SDDSC059	580.3	581.0	0.7	0.8	0.2	1.1
SDDSC059	581.0	582.0	1.0	0.1	0.0	0.2
SDDSC059	583.0	584.0	1.0	73.7	0.1	73.8
SDDSC059	584.0	584.4	0.4	1.5	0.9	3.0
SDDSC059	585.3	585.8	0.5	0.1	0.0	0.1
SDDSC059	585.8	586.8	1.0	0.1	0.0	0.1
SDDSC059	594.8	595.8	1.0	0.1	0.0	0.2
SDDSC059	596.8	597.6	0.8	0.3	0.3	0.7
SDDSC059	597.6	598.5	0.9	0.4	0.2	0.8
SDDSC059	598.5	599.5	1.0	0.0	0.1	0.1
SDDSC059	600.0	601.0	1.0	0.1	0.0	0.2
SDDSC059	605.1	605.4	0.3	0.2	0.0	0.2
SDDSC059	605.4	605.9	0.5	0.0	0.4	0.6
SDDSC059	607.0	607.8	0.8	0.6	0.1	0.7
SDDSC059	607.8	608.4	0.5	0.2	0.1	0.3
SDDSC059	615.0	616.0	1.0	0.3	0.0	0.3
SDDSC060	189.4	189.5	0.1	0.0	0.1	0.1
SDDSC060	213.6	214.0	0.4	0.2	0.0	0.2
SDDSC060	215.0	216.0	1.0	0.9	0.0	0.9

SDDSC060	216.0	216.8	0.8	1.2	0.1	1.2
SDDSC060	217.9	218.8	0.9	0.4	0.0	0.4
SDDSC060	221.4	222.4	1.0	0.3	0.0	0.3
SDDSC060	223.0	224.0	1.0	0.2	0.0	0.2
SDDSC060	224.0	224.8	0.8	1.1	0.2	1.3
SDDSC060	226.2	227.4	1.2	0.1	0.0	0.2
SDDSC060	227.4	227.7	0.3	0.5	0.0	0.5
SDDSC061	655.0	656.0	1.0	0.3	0.0	0.3
SDDSC061	656.0	656.8	0.8	0.5	0.0	0.5
SDDSC061	656.8	657.4	0.6	1.2	0.1	1.2
SDDSC061	657.4	658.2	0.9	0.6	0.0	0.6
SDDSC061	658.2	659.1	0.8	1.5	0.0	1.5
SDDSC061	659.1	659.5	0.4	1.7	0.1	1.7
SDDSC061	659.5	660.3	0.8	0.4	0.0	0.4
SDDSC061	660.3	661.0	0.7	0.8	0.0	0.8
SDDSC061	661.0	662.0	1.0	3.6	0.4	3.7
SDDSC061	662.0	663.0	1.0	0.5	0.0	0.5
SDDSC061	663.0	663.3	0.3	1.8	0.2	1.8
SDDSC061	663.3	664.0	0.7	0.3	0.0	0.3
SDDSC061	673.0	674.0	1.0	0.8	0.0	0.8
SDDSC061	674.0	675.0	1.0	0.2	0.0	0.2
SDDSC061	677.0	678.0	1.0	0.3	0.0	0.3
SDDSC061	688.0	689.0	1.0	0.3	0.0	0.3
SDDSC061	689.0	689.9	0.9	4.1	0.0	4.1
SDDSC061	691.1	691.4	0.3	249.5	0.0	249.5
SDDSC061	691.4	692.3	0.9	1.5	0.0	1.5
SDDSC061	692.3	692.6	0.4	0.4	0.0	0.4
SDDSC061	692.6	693.4	0.8	0.6	0.0	0.6
SDDSC061	693.4	693.8	0.4	4.1	0.0	4.1
SDDSC061	693.8	694.3	0.5	3.5	0.0	3.5
SDDSC061	694.3	695.1	0.9	4.0	0.0	4.0
SDDSC061	697.0	697.9	0.9	0.4	0.0	0.4
SDDSC061	699.0	700.0	1.0	0.4	0.0	0.4
SDDSC061	711.0	712.0	1.0	0.2	0.0	0.2
SDDSC061	712.0	713.0	1.0	0.1	0.0	0.1
SDDSC061	714.0	715.0	1.0	0.1	0.0	0.1
SDDSC061	724.0	725.0	1.0	0.8	0.0	0.8
SDDSC061	725.0	726.0	1.0	0.7	0.0	0.7
SDDSC061	727.0	728.0	1.0	0.1	0.0	0.1
SDDSC061	728.0	729.0	1.0	0.2	0.0	0.2
SDDSC061	729.0	730.0	1.0	0.2	0.0	0.2

SDDSC061	733.0	734.0	1.0	0.1	0.0	0.1
SDDSC061	735.0	736.0	1.0	0.7	0.0	0.7
SDDSC061	736.0	737.0	1.0	0.6	0.0	0.6
SDDSC061	737.0	738.0	1.0	0.5	0.0	0.5
SDDSC061	745.0	746.0	1.0	0.2	0.0	0.2
SDDSC061	746.0	746.6	0.6	0.1	0.0	0.1
SDDSC061	746.6	747.4	0.8	0.4	0.0	0.4
SDDSC061	747.4	748.6	1.2	0.1	0.0	0.1
SDDSC061	748.6	749.5	1.0	0.4	0.0	0.4
SDDSC061	749.5	750.0	0.5	0.3	0.0	0.3
SDDSC061	756.8	758.0	1.2	0.1	0.0	0.1
SDDSC061	758.0	759.1	1.1	0.7	0.0	0.7
SDDSC061	767.0	768.0	1.0	0.2	0.0	0.2
SDDSC061	768.0	769.0	1.0	0.2	0.0	0.2
SDDSC061	769.0	770.0	1.0	0.7	0.0	0.7
SDDSC062	270.6	271.8	1.2	0.2	0.0	0.2
SDDSC062	271.8	273.0	1.2	0.1	0.0	0.1
SDDSC062	273.0	273.4	0.4	0.3	0.0	0.3
SDDSC062	273.4	274.3	0.9	1.2	0.0	1.2
SDDSC062	275.2	276.0	0.8	1.1	0.1	1.2
SDDSC062	276.0	276.5	0.5	0.1	0.0	0.1
SDDSC062	278.7	279.8	1.1	0.1	0.0	0.1
SDDSC062	279.8	281.0	1.2	0.3	0.0	0.4
SDDSC062	281.0	281.8	8.0	6.1	0.0	6.1
SDDSC062	281.8	283.0	1.2	0.7	0.0	0.8
SDDSC062	283.0	284.2	1.2	0.7	0.0	0.7
SDDSC062	291.4	292.6	1.2	1.9	0.5	2.7
SDDSC062	292.6	293.8	1.2	0.1	0.1	0.3
SDDSC062	293.8	295.0	1.2	0.2	0.1	0.3
SDDSC062	297.3	297.5	0.2	0.5	0.3	1.1
SDDSC062	297.5	298.6	1.1	0.3	0.0	0.4
SDDSC062	298.6	299.6	1.0	0.3	0.0	0.3
SDDSC062	299.6	301.0	1.4	0.6	0.1	0.7
SDDSC062	301.0	302.2	1.2	0.4	0.1	0.5
SDDSC062	302.2	303.4	1.2	0.3	0.0	0.3
SDDSC062	303.4	304.7	1.3	0.2	0.0	0.2
SDDSC062	304.7	306.0	1.3	0.2	0.0	0.3
SDDSC062	306.0	307.0	1.0	1.0	0.4	1.7
SDDSC062	307.0	308.0	1.0	0.6	0.1	0.9
SDDSC062	308.0	309.0	1.0	0.9	0.2	1.1
SDDSC062	309.0	309.6	0.6	1.2	1.0	2.8

SDDSC062	309.6	310.5	0.9	0.9	2.3	4.4
SDDSC062	310.5	311.0	0.5	1.3	2.4	5.1
SDDSC062	311.0	312.0	1.0	1.1	0.1	1.2
SDDSC062	312.0	313.0	1.0	0.8	0.0	0.8
SDDSC062	313.0	314.0	1.0	0.2	0.0	0.2
SDDSC062	315.0	316.0	1.0	0.3	0.0	0.3
SDDSC062	317.0	317.8	0.8	0.1	0.0	0.1
SDDSC062	317.8	319.0	1.2	0.1	0.0	0.2
SDDSC062	326.3	327.2	0.9	0.8	0.0	0.8
SDDSC062	327.2	328.2	1.0	1.0	0.0	1.0
SDDSC063	22.3	23.0	0.7	0.1	0.0	0.1
SDDSC063	23.0	24.0	1.0	0.2	0.0	0.2
SDDSC063	24.0	24.5	0.5	0.3	0.3	0.3
SDDSC063	24.5	25.2	0.7	0.8	0.0	0.8
SDDSC063	25.2	26.2	1.0	2.3	0.0	2.3
SDDSC063	26.2	26.7	0.5	12.2	3.2	12.7
SDDSC063	26.7	27.8	1.1	0.2	0.0	0.2
SDDSC064	111.1	111.9	0.8	0.1	0.0	1.0
SDDSC064	349.3	350.0	0.8	0.1	0.0	1.0
SDDSC064	350.0	351.0	1.0	0.2	0.0	1.0
SDDSC064	600.4	601.4	1.0	0.1	0.0	1.0
SDDSC064	601.4	601.7	0.3	0.1	0.0	1.0
SDDSC064	657.0	658.0	1.0	0.2	0.0	1.0
SDDSC064	658.0	659.0	1.0	0.2	0.0	1.0
SDDSC064	659.0	660.0	1.0	0.1	0.0	1.0
SDDSC064	693.3	694.7	1.4	0.9	0.0	1.0
SDDSC064	697.2	698.4	1.2	0.1	0.0	1.0
SDDSC064	699.6	701.0	1.4	0.2	0.0	1.0
SDDSC064	702.0	703.0	1.0	0.1	0.0	1.0
SDDSC064	703.0	704.0	1.0	0.4	0.0	1.0
SDDSC064	704.0	705.0	1.0	0.1	0.0	1.0
SDDSC064	705.0	706.0	1.0	0.4	0.0	1.0
SDDSC064	707.0	708.0	1.0	0.1	0.2	1.0
SDDSC064	708.0	709.0	1.0	0.1	0.0	1.0
SDDSC064	709.0	710.0	1.0	0.1	0.0	1.0
SDDSC064	710.0	711.0	1.0	0.1	0.0	1.0
SDDSC064	711.0	712.0	1.0	0.1	0.0	1.0
SDDSC064	712.0	712.8	0.8	0.4	0.4	1.0
SDDSC064	712.8	713.5	0.7	0.2	0.1	1.0
SDDSC064	713.5	714.0	0.5	0.2	0.0	1.0
SDDSC064	715.8	716.1	0.4	44.6	2.5	1.0

SDDSC064	721.0	722.0	1.0	0.1	0.0	1.0
SDDSC064	724.0	725.1	1.1	0.2	0.0	1.0
SDDSC064	725.1	725.8	0.7	0.1	0.0	1.0
SDDSC064	725.8	726.0	0.3	15.6	0.4	1.0
SDDSC064	726.0	727.0	1.0	0.4	0.1	1.0
SDDSC064	732.0	733.0	1.0	0.1	0.0	1.0
SDDSC064	734.0	735.0	1.0	0.1	0.2	1.0
SDDSC064	735.0	735.9	0.9	0.3	0.5	1.0
SDDSC064	737.9	739.0	1.1	0.1	0.0	1.0
SDDSC064	740.0	741.0	1.0	0.1	0.0	1.0
SDDSC064	741.0	742.0	1.0	0.6	0.2	1.0
SDDSC064	742.0	743.0	1.0	0.5	0.2	1.0
SDDSC064	743.0	744.0	1.0	0.9	0.1	1.0
SDDSC064	744.0	745.0	1.0	0.3	0.0	1.0
SDDSC064	745.0	746.0	1.0	0.2	0.0	1.0
SDDSC064	746.0	747.0	1.0	0.6	0.0	1.0
SDDSC064	747.0	748.0	1.0	1.1	0.0	1.0
SDDSC064	749.0	749.9	0.9	0.1	0.0	1.0
SDDSC064	749.9	751.0	1.1	0.8	0.1	1.0
SDDSC064	751.0	752.0	1.0	0.1	0.1	1.0
SDDSC064	752.0	753.0	1.0	0.5	0.1	1.0
SDDSC064	756.0	756.9	0.9	0.1	0.1	1.0
SDDSC064	756.9	758.0	1.2	0.9	0.2	1.0
SDDSC064	758.0	759.0	1.0	0.2	0.0	1.0
SDDSC064	759.0	760.0	1.0	0.7	0.1	1.0
SDDSC064	760.0	760.9	0.9	0.7	0.2	1.0
SDDSC064	760.9	761.4	0.5	0.9	1.2	1.0
SDDSC064	761.4	762.4	1.0	1.8	0.1	1.0
SDDSC064	762.4	763.0	0.7	0.4	0.1	1.0
SDDSC064	763.0	764.0	1.0	0.3	0.1	1.0
SDDSC064	768.0	769.0	1.0	0.1	0.1	1.0
SDDSC064	787.0	788.0	1.0	0.1	0.0	1.0
SDDSC064	802.0	803.0	1.0	0.1	0.0	1.0
SDDSC064	811.0	812.0	1.0	0.1	0.0	1.0
SDDSC064	812.0	813.1	1.1	0.4	0.0	1.0
SDDSC064	813.1	814.0	0.9	1.5	0.0	1.0
SDDSC064	820.0	821.0	1.0	0.2	0.0	1.0
SDDSC064	824.0	825.0	1.0	0.1	0.0	1.0
SDDSC064	829.0	830.0	1.0	0.1	0.0	1.0
SDDSC064	835.0	836.0	1.0	0.2	0.0	1.0
SDDSC064	837.0	838.0	1.0	0.1	0.0	1.0

SDDSC064	839.0	840.0	1.0	0.1	0.0	1.0
SDDSC064	842.0	843.0	1.0	0.1	0.0	1.0
SDDSC064	843.0	844.0	1.0	0.1	0.0	1.0
SDDSC064	844.0	845.0	1.0	0.3	0.0	1.0
SDDSC064	850.0	850.4	0.5	0.1	0.0	1.0
SDDSC064	850.4	851.0	0.6	0.2	0.0	1.0
SDDSC064	853.0	854.0	1.0	0.1	0.0	1.0
SDDSC064	854.0	854.5	0.5	0.1	0.0	1.0
SDDSC064	854.5	855.2	0.7	0.3	0.0	1.0
SDDSC064	855.2	856.0	0.8	0.3	0.0	1.0
SDDSC064	857.0	858.0	1.0	0.2	0.0	1.0
SDDSC064	860.0	861.0	1.0	0.1	0.0	1.0
SDDSC064	861.0	861.5	0.5	2.0	0.1	1.0
SDDSC064	861.5	862.3	0.8	0.4	0.0	1.0
SDDSC064	862.3	863.0	0.8	0.5	0.0	1.0
SDDSC064	863.0	864.0	1.0	0.1	0.0	1.0
SDDSC064	864.0	865.1	1.1	0.1	0.0	1.0
SDDSC064	867.0	867.9	0.9	0.2	0.0	1.0
SDDSC064	867.9	868.6	0.8	0.1	0.0	1.0
SDDSC064	868.6	869.8	1.2	0.1	0.0	1.0
SDDSC064	869.8	870.4	0.6	0.4	0.0	1.0
SDDSC064	870.4	871.2	0.8	0.8	0.0	1.0
SDDSC064	871.2	872.0	0.8	0.1	0.0	1.0
SDDSC064	872.0	872.7	0.7	0.4	0.0	1.0
SDDSC064	872.7	873.8	1.1	0.1	0.0	1.0
SDDSC064	874.8	875.7	0.9	0.1	0.0	1.0
SDDSC064	877.1	877.7	0.6	0.2	0.0	1.0
SDDSC064	880.8	881.2	0.4	0.6	0.0	1.0
SDDSC064	881.2	882.0	0.9	1.0	0.0	1.0
SDDSC064	882.0	882.7	0.7	0.3	0.0	1.0
SDDSC064	882.7	883.6	0.9	5.2	0.2	1.0
SDDSC064	883.6	884.5	0.9	1.0	0.0	1.0
SDDSC064	884.5	885.0	0.6	0.3	0.1	1.0
SDDSC064	885.0	886.0	1.0	0.4	0.0	1.0
SDDSC064	886.0	887.0	1.0	0.1	0.0	1.0
SDDSC064	887.8	888.7	0.9	0.2	0.0	1.0
SDDSC064	889.6	889.9	0.3	0.4	0.0	1.0
SDDSC064	889.9	890.4	0.5	158.5	0.1	1.0
SDDSC064	890.4	890.8	0.4	177.5	0.1	1.0
SDDSC064	890.8	891.4	0.6	0.3	0.0	1.0
SDDSC064	891.4	892.0	0.6	0.1	0.0	1.0

SDDSC064	894.9	895.9	1.0	0.1	0.0	1.0
SDDSC064	895.9	896.3	0.5	0.1	0.0	1.0
SDDSC064	896.3	897.2	0.9	0.1	0.0	1.0
SDDSC064	897.2	897.7	0.5	0.2	0.0	1.0
SDDSC064	897.7	898.3	0.6	0.1	0.0	1.0
SDDSC064	898.3	899.1	0.8	0.3	0.0	1.0
SDDSC064	899.1	900.0	1.0	0.1	0.0	1.0
SDDSC064	900.0	901.0	1.0	0.1	0.0	1.0
SDDSC064	901.0	902.0	1.0	0.1	0.0	1.0
SDDSC064	902.0	902.9	0.9	0.7	0.0	1.0
SDDSC064	902.9	903.9	1.0	0.6	0.0	1.0
SDDSC064	905.3	906.0	0.7	0.7	0.0	1.0
SDDSC064	906.0	906.8	0.9	0.6	0.0	1.0
SDDSC064	906.8	907.3	0.4	1.1	1.1	1.0
SDDSC064	907.3	907.8	0.6	8.6	2.5	1.0
SDDSC064	907.8	908.6	8.0	0.4	0.1	1.0
SDDSC064	908.6	909.5	0.9	0.4	0.1	1.0
SDDSC064	910.2	911.0	0.8	0.9	0.0	1.0
SDDSC064	911.0	912.0	1.0	0.3	0.0	1.0
SDDSC064	912.0	912.7	0.7	0.2	0.0	1.0
SDDSC064	912.7	913.3	0.6	1.8	0.6	1.0
SDDSC064	913.3	914.0	0.7	1.5	0.3	1.0
SDDSC064	914.0	914.7	0.7	0.2	0.0	1.0
SDDSC064	914.7	915.8	1.1	0.2	0.0	1.0
SDDSC064	915.8	916.8	1.1	0.6	0.0	1.0
SDDSC064	916.8	917.7	0.9	0.5	0.0	1.0
SDDSC064	917.7	918.7	1.0	1.0	0.0	1.0
SDDSC064	918.7	919.3	0.6	0.3	0.1	1.0
SDDSC064	919.3	919.9	0.6	0.4	0.0	1.0
SDDSC064	919.9	920.7	8.0	0.2	0.0	1.0
SDDSC064	920.7	921.9	1.2	0.4	0.0	1.0
SDDSC064	921.9	922.9	1.1	0.2	0.0	1.0
SDDSC064	925.1	925.5	0.3	0.4	0.4	1.0
SDDSC064	925.5	926.2	0.7	0.2	0.1	1.0
SDDSC064	928.0	928.5	0.6	1.0	0.0	1.0
SDDSC064	928.5	929.0	0.5	0.2	0.0	1.0
SDDSC064	929.0	930.0	1.0	0.1	0.0	1.0
SDDSC064	930.0	931.0	1.0	0.1	0.0	1.0
SDDSC064	932.0	932.9	0.9	0.2	0.0	1.0
SDDSC064	932.9	933.6	0.7	0.2	0.0	1.0
SDDSC064	933.6	934.3	0.8	0.1	0.0	1.0

SDDSC064	935.0	936.0	1.0	0.1	0.0	1.0
SDDSC064	950.0	951.0	1.0	0.2	0.0	1.0
SDDSC064	951.0	952.0	1.0	0.2	0.0	1.0
SDDSC064	952.0	953.0	1.0	0.6	0.0	1.0
SDDSC064	953.0	953.3	0.3	0.1	0.0	1.0
SDDSC064	956.4	957.0	0.6	0.1	0.0	1.0
SDDSC064	957.0	958.0	1.0	0.7	0.1	1.0
SDDSC064	958.0	959.0	1.0	0.4	0.0	1.0
SDDSC065	26.2	26.9	0.7	0.1	0.0	0.1
SDDSC065	26.9	27.5	0.7	0.1	0.0	0.1
SDDSC065	31.5	32.5	1.0	0.1	0.0	0.1
SDDSC065	34.1	35.0	0.9	0.2	0.0	0.2
SDDSC066	183.2	184.0	0.9	0.3	0.0	1.0
SDDSC066	185.0	186.1	1.1	0.1	0.0	0.1
SDDSC066	186.1	186.7	0.6	0.1	0.0	0.1
SDDSC066	186.7	187.6	0.9	0.1	0.0	0.1
SDDSC066	191.1	192.0	0.9	0.2	0.0	0.2
SDDSC066	192.0	193.0	1.0	0.1	0.0	0.1
SDDSC066	194.0	195.0	1.0	0.2	0.0	0.2
SDDSC066	195.0	196.0	1.0	0.2	0.0	0.2
SDDSC066	206.0	207.0	1.0	0.1	0.0	0.1
SDDSC066	209.2	209.7	0.5	0.3	0.3	0.8
SDDSC066	209.7	210.0	0.4	0.2	0.1	0.4
SDDSC066	220.6	221.3	0.7	0.3	0.0	0.3
SDDSC066	221.3	221.8	0.5	0.2	0.0	0.2
SDDSC066	221.8	222.6	0.8	0.1	0.0	0.1
SDDSC066	222.6	223.2	0.6	0.1	0.0	0.1
SDDSC066	223.2	224.0	0.9	0.1	0.0	0.1
SDDSC066	224.0	225.0	1.0	0.1	0.0	0.1
SDDSC066	225.0	225.5	0.5	0.1	0.0	0.1
SDDSC066	225.5	226.1	0.6	0.2	0.0	0.2
SDDSC066	234.8	235.5	0.8	0.2	0.0	0.2
SDDSC066	235.5	236.1	0.6	0.4	0.0	0.4
SDDSC066	236.1	237.2	1.1	0.3	0.0	0.3
SDDSC066	240.1	240.7	0.5	8.1	0.0	8.1
SDDSC066	242.9	243.6	0.6	0.2	0.0	0.2
SDDSC066	243.6	243.8	0.3	4.4	8.3	17.4
SDDSC066	243.8	244.7	0.9	0.2	0.0	0.2
SDDSC066	244.7	245.3	0.5	0.2	0.0	0.2
SDDSC066	245.3	246.0	0.7	0.5	0.1	0.8
SDDSC066	246.0	246.6	0.6	0.2	0.0	0.2

SDDSC066	246.6	246.9	0.3	1.3	0.0	1.4
SDDSC066	246.9	247.6	0.7	0.4	0.0	0.4
SDDSC066	247.6	248.0	0.4	1.1	0.0	1.1
SDDSC066	248.0	249.0	1.0	0.2	0.0	0.2
SDDSC066	249.0	249.9	0.9	0.2	0.0	0.2
SDDSC066	253.9	254.9	1.0	0.2	0.0	0.3
SDDSC066	254.9	255.7	0.8	0.3	0.0	0.3
SDDSC066	255.7	256.3	0.6	0.2	0.0	0.2
SDDSC066	256.3	256.7	0.5	0.2	0.0	0.2
SDDSC066	262.4	262.9	0.5	0.1	0.0	0.1
SDDSC066	270.3	270.7	0.4	0.1	0.0	0.1
SDDSC066	270.7	271.1	0.4	0.3	0.0	0.3
SDDSC066	275.5	276.1	0.6	0.3	0.0	0.3
SDDSC066	276.1	277.0	0.9	0.3	0.0	0.3
SDDSC066	277.0	278.0	1.0	0.3	0.0	0.3
SDDSC066	278.0	278.6	0.6	0.2	0.0	0.2
SDDSC066	289.2	289.3	0.1	0.5	0.0	0.5
SDDSC066	289.3	289.8	0.5	0.4	0.0	0.4
SDDSC066	289.8	290.2	0.4	2.2	0.0	2.2
SDDSC066	292.0	292.4	0.4	0.1	0.0	0.1
SDDSC066	292.9	293.5	0.6	0.2	0.0	0.2
SDDSC066	297.0	297.2	0.2	0.6	0.0	0.6
SDDSC066	297.2	297.4	0.2	26.3	5.0	34.1
SDDSC066	297.4	297.7	0.3	0.4	0.0	0.5
SDDSC066	302.8	303.3	0.5	0.3	0.0	0.3
SDDSC066	303.7	304.5	0.9	0.3	0.0	0.3
SDDSC066	304.5	305.4	0.8	0.7	0.0	0.7
SDDSC066	305.4	305.8	0.5	0.5	0.0	0.5
SDDSC066	305.8	306.2	0.4	0.8	0.0	0.8
SDDSC066	306.2	306.4	0.2	18.3	0.0	18.3
SDDSC066	306.4	306.7	0.3	0.9	0.0	1.0
SDDSC066	307.6	308.0	0.4	0.9	0.1	1.0
SDDSC066	308.0	308.4	0.5	14.2	4.0	20.5
SDDSC066	308.4	308.7	0.2	4.0	0.4	4.6
SDDSC066	308.7	309.0	0.3	16.9	15.1	40.8
SDDSC066	309.0	309.5	0.6	2.0	0.6	3.0
SDDSC066	309.5	310.4	0.8	0.3	0.0	0.3
SDDSC066	310.4	311.0	0.6	0.4	0.0	0.4
SDDSC066	311.0	311.3	0.3	16.7	11.3	34.5
SDDSC066	311.3	311.5	0.2	9.3	1.0	10.9
SDDSC066	311.5	311.9	0.4	3.4	0.1	3.6

SDDSC066	311.9	312.5	0.7	21.1	0.1	21.2
SDDSC066	312.5	313.3	0.7	2.9	0.1	3.0
SDDSC066	313.3	314.0	0.7	0.1	0.0	0.1
SDDSC066	315.6	315.9	0.4	0.1	0.0	0.1
SDDSC066	318.0	318.3	0.3	0.7	0.0	0.8
SDDSC066	319.4	319.6	0.2	1.1	0.0	1.1
SDDSC066	319.6	320.1	0.6	0.2	0.0	0.2
SDDSC066	321.3	321.6	0.3	0.6	0.0	0.6
SDDSC066	334.2	334.7	0.5	0.1	0.0	0.1
SDDSC066	336.5	336.9	0.4	0.1	0.0	0.1
SDDSC066	377.0	378.0	1.0	0.2	0.0	0.2
SDDSC066	386.9	387.2	0.3	4.1	0.0	4.1
SDDSC066	396.8	397.3	0.5	0.3	0.0	0.3
SDDSC066	401.3	402.1	0.8	0.4	0.0	0.5
SDDSC066	402.1	402.6	0.5	1.9	0.4	2.6
SDDSC066	402.6	403.2	0.6	1.3	0.1	1.4
SDDSC066	403.2	403.9	0.7	1.5	0.8	2.7
SDDSC066	403.9	404.6	0.7	0.3	0.0	0.3
SDDSC066	404.6	405.0	0.4	28.1	9.3	42.7
SDDSC066	406.0	406.9	0.9	0.1	0.0	0.1
SDDSC066	406.9	407.1	0.2	1.8	0.5	2.5
SDDSC066	407.1	407.5	0.4	1.7	1.6	4.3
SDDSC066	407.5	407.7	0.2	40.5	2.2	44.0
SDDSC066	407.7	408.3	0.6	0.7	0.0	0.7
SDDSC066	408.3	408.6	0.3	2.0	1.7	4.8
SDDSC066	408.6	408.9	0.3	2.7	0.3	3.1
SDDSC066	408.9	409.1	0.2	26.8	2.7	31.1
SDDSC066	409.1	410.1	1.0	0.3	0.0	0.3
SDDSC066	428.3	429.3	1.0	0.3	0.0	0.3
SDDSC066	429.3	429.9	0.6	0.2	0.0	0.2
SDDSC066	431.8	432.4	0.5	4.5	0.6	5.4
SDDSC066	432.4	433.2	0.9	0.2	0.0	0.2
SDDSC066	433.2	433.8	0.6	0.8	0.0	0.8
SDDSC066	433.8	434.5	0.7	1.8	0.0	1.9
SDDSC066	434.5	435.0	0.5	0.3	0.0	0.3
SDDSC066	435.6	436.3	0.6	2.2	0.3	2.7
SDDSC066	437.0	438.0	1.0	0.3	0.0	0.3
SDDSC066	438.0	438.8	0.8	0.4	0.0	0.4
SDDSC066	438.8	439.4	0.5	0.8	0.0	0.8
SDDSC066	439.4	439.9	0.6	0.2	0.0	0.2
SDDSC066	439.9	440.4	0.5	0.4	0.3	0.9

SDDSC066	442.0	442.8	0.8	0.3	0.0	0.3
SDDSC066	443.7	444.4	0.7	0.4	0.0	0.5
SDDSC066	444.4	445.0	0.6	0.3	0.0	0.3
SDDSC066	445.0	446.0	1.0	0.2	0.0	0.2
SDDSC066	447.0	448.0	1.0	0.2	0.0	0.2
SDDSC066	448.0	448.2	0.2	3.4	0.5	4.2
SDDSC066	448.2	448.5	0.3	1.8	0.0	1.9
SDDSC066	448.5	449.0	0.5	1.6	0.0	1.6
SDDSC066	449.8	450.5	0.7	0.3	0.0	0.3
SDDSC066	450.5	451.1	0.6	0.4	0.0	0.4
SDDSC066	451.1	451.4	0.3	0.9	0.0	0.9
SDDSC066	451.4	452.0	0.6	0.2	0.0	0.2
SDDSC066	452.0	453.0	1.0	0.1	0.0	0.1
SDDSC066	453.8	454.3	0.5	0.2	0.0	0.2
SDDSC066	454.3	454.7	0.4	0.1	0.0	0.1
SDDSC066	458.8	459.7	1.0	0.3	0.0	0.3
SDDSC066	459.7	460.6	0.9	0.2	0.0	0.2
SDDSC066	463.5	463.8	0.3	0.2	0.1	0.3
SDDSC066	464.6	465.2	0.6	0.1	0.0	0.1
SDDSC066	465.2	465.5	0.3	1.0	0.1	1.1
SDDSC066	466.2	466.9	0.7	0.5	0.0	0.5
SDDSC066	466.9	467.4	0.5	0.4	0.1	0.5
SDDSC066	474.0	474.8	0.8	0.1	0.0	0.2
SDDSC066	474.8	475.2	0.5	1.0	0.5	1.7
SDDSC066	476.9	477.8	0.9	0.3	0.1	0.5
SDDSC066	477.8	478.5	0.6	2.9	0.6	3.8
SDDSC066	478.5	478.8	0.4	0.2	0.0	0.3
SDDSC066	478.8	479.6	0.8	0.5	0.0	0.5
SDDSC066	479.6	480.0	0.5	0.6	0.0	0.7
SDDSC066	480.0	480.6	0.6	0.6	0.1	0.7
SDDSC066	480.6	480.7	0.2	0.1	0.0	0.2
SDDSC066	490.9	491.5	0.6	0.1	0.0	0.1
SDDSC066	491.5	491.9	0.5	0.7	0.2	1.1
SDDSC066	491.9	492.6	0.7	3.8	0.3	4.3
SDDSC066	494.2	494.6	0.4	0.6	0.8	1.8
SDDSC066	494.6	495.3	0.7	0.2	0.1	0.3
SDDSC066	495.3	496.0	0.7	0.1	0.0	0.1
SDDSC066	498.9	499.6	0.7	0.2	0.0	0.2
SDDSC066	504.0	505.0	1.0	0.1	0.0	0.1
SDDSC066	505.9	506.1	0.3	1.0	1.1	2.7
SDDSC066	506.1	506.5	0.4	0.4	0.1	0.6

SDDSC066	506.5	506.7	0.2	8.4	6.6	18.9
SDDSC066	506.7	507.0	0.3	0.5	0.5	1.3
SDDSC066	507.0	508.0	1.0	0.2	0.0	0.3
SDDSC066	512.7	513.1	0.4	1.5	0.1	1.7
SDDSC066	513.9	514.8	0.9	1.8	0.2	2.0
SDDSC066	514.8	515.4	0.6	0.7	0.1	0.9
SDDSC066	515.4	516.1	0.7	0.9	1.6	3.4
SDDSC066	516.1	516.5	0.4	1.0	0.4	1.6
SDDSC066	516.5	517.0	0.5	0.6	0.0	0.6
SDDSC066	517.0	518.0	1.0	0.2	0.0	0.2
SDDSC066	519.0	519.9	0.9	0.2	0.0	0.3
SDDSC066	522.8	523.0	0.2	0.4	0.0	0.5
SDDSC066	523.0	523.9	0.9	2.4	0.6	3.3
SDDSC066	523.9	524.4	0.5	6.7	1.0	8.4
SDDSC066	524.4	525.4	1.0	0.7	0.1	0.9
SDDSC066	525.4	525.9	0.5	1.0	0.3	1.5
SDDSC066	525.9	526.7	0.8	1.2	0.0	1.3
SDDSC066	528.0	528.4	0.4	1.0	0.4	1.6
SDDSC066	530.0	531.0	1.0	0.3	0.0	0.3
SDDSC066	531.9	532.5	0.6	0.5	0.0	0.5
SDDSC066	532.5	533.0	0.5	0.7	0.0	0.7
SDDSC066	533.0	533.5	0.5	0.9	0.0	0.9
SDDSC066	533.5	533.9	0.4	1.2	0.1	1.5
SDDSC066	533.9	534.4	0.5	0.1	0.0	0.1
SDDSC066	534.4	535.0	0.7	0.3	0.0	0.3
SDDSC066	538.0	538.8	0.8	13.3	0.4	13.9
SDDSC066	538.8	539.3	0.6	0.7	0.1	0.8
SDDSC066	539.3	540.2	0.9	0.2	0.0	0.2
SDDSC066	542.2	542.9	0.7	0.3	0.1	0.5
SDDSC066	542.9	543.5	0.7	0.6	0.1	0.7
SDDSC066	543.5	544.0	0.5	2.0	0.8	3.3
SDDSC066	544.0	544.2	0.3	1.5	0.1	1.7
SDDSC066	544.2	545.2	1.0	188.8	22.5	224.3
SDDSC066	545.2	545.7	0.6	0.3	0.0	0.3
SDDSC066	545.7	546.3	0.6	0.3	0.1	0.4
SDDSC066	546.3	546.9	0.6	0.3	0.0	0.3
SDDSC066	546.9	547.6	0.7	0.4	0.1	0.6
SDDSC066	548.4	549.1	0.7	0.5	0.1	0.6
SDDSC066	549.1	549.5	0.4	9.1	2.4	12.8
SDDSC066	549.5	549.9	0.4	5.9	1.8	8.7
SDDSC066	549.9	550.5	0.6	1.8	0.8	3.1

SDDSC066	550.5	550.8	0.3	2.6	0.1	2.8
SDDSC066	550.8	551.1	0.4	2.2	0.5	3.0
SDDSC066	551.1	551.9	0.8	0.1	0.0	0.1
SDDSC066	551.9	552.6	0.6	0.3	0.0	0.3
SDDSC066	555.0	555.7	0.7	0.1	0.1	0.2
SDDSC066	556.6	557.1	0.5	0.1	0.0	0.1
SDDSC066	557.1	557.9	0.9	0.1	0.0	0.1

Appendix 5B

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

Southern Cross Gold Ltd					
ABN	Quarter ended ("current quarter")				
70 652 166 795	31 May 2023				

Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (12 months) \$A'000
1.	Cash flows from operating activities		
1.1	Receipts from customers	-	-
1.2	Payments for		
	(a) exploration & evaluation	-	-
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	(301)	(992)
	(e) administration and corporate costs	(196)	(980)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	-	-
1.5	Interest and other costs of finance paid	(3)	(4)
1.6	Income taxes paid	-	-
1.7	Government grants and tax incentives	-	-
1.8	Other (provide details if material)	-	-
1.9	Net cash from / (used in) operating activities	(500)	(1,976)

2.	Ca	sh flows from investing activities		
2.1	Pay	yments to acquire or for:		
	(a)	entities	-	-
	(b)	tenements	-	-
	(c)	property, plant and equipment	(72)	(310)
	(d)	exploration & evaluation	(1,881)	(5,289)
	(e)	investments	-	(143)
	(f)	other non-current assets	-	(19)

Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (12 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments	-	-
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
2.6	Net cash from / (used in) investing activities	(1,953)	(5,761)

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	15,890
3.2	Proceeds from issue of convertible debt securities	-	
3.3	Proceeds from exercise of options	12	62
3.4	Transaction costs related to issues of equity securities or convertible debt securities	-	(955)
3.5	Proceeds from borrowings	-	
3.6	Repayment of borrowings	-	
3.7	Transaction costs related to loans and borrowings	-	
3.8	Dividends paid	-	
3.9	Other (provide details if material)	(9)	(19)
3.10	Net cash from / (used in) financing activities	3	14,978

4.	Net increase / (decrease) in cash and cash equivalents for the period	(2,450)	7,241
4.1	Cash and cash equivalents at beginning of period	17,637	7,946
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(500)	(1,976)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(1,953)	(5,761)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	3	14,978

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (12 months) \$A'000
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	Cash and cash equivalents at end of period	15,187	15,187

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1	Bank balances	15,187	17,637
5.2	Call deposits	-	-
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	15,187	17,637

6.	Payments to related parties of the entity and their associates	Current quarter \$A'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	(79)
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.

7.	Financing facilities Note: the term "facility' includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
7.1	Loan facilities	-	-
7.2	Credit standby arrangements	-	-
7.3	Other (please specify)	-	-
7.4	Total financing facilities	-	-
7.5	Unused financing facilities available at qu	arter end	-
7.6	Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.		
	N/A		

8.	Estimated cash available for future operating activities	\$A'000
8.1	Net cash from / (used in) operating activities (item 1.9)	(500)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(1,881)
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(2,381)
8.4	Cash and cash equivalents at quarter end (item 4.6)	15,187
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	15,187
8.7	Estimated quarters of funding available (item 8.6 divided by item 8.3)	6.38

Note: if the entity has reported positive relevant outgoings (ie a net cash inflow) in item 8.3, answer item 8.7 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.

8.8 If item 8.7 is less than 2 quarters, please provide answers to the following questions:

8.8.1 Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?

Answe N/A	·:
8.8.2	Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?
Answe	r:
N/A	

8.8.3	Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?
Answe	r:
N/A	
Note: w	here item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.

Compliance statement

- This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

	30 June 2023
Date:	
Authoricad by	The Board of Directors
Authorised by:	(Name of body or officer authorising release – see note 4)

Notes

- 1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
- 2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, AASB 6: Exploration for and Evaluation of Mineral Resources and AASB 107: Statement of Cash Flows apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
- 3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
- 4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
- 5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.