



Leading Australian High-Grade Gold-Antimony Discovery

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Competent Person Statement

Information in this presentation that relates to new exploration results contained in this report is based on information compiled by Michael Hudson, a Fellow of the Australasian Institute of Mining and Metallurgy. He is MD for Southern Cross Gold Ltd. He has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration and to the activity being undertaking to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code). Michael Hudson has consented to the inclusion in this report of the matters based on this information in the form and context in which it appears. Certain information in this announcement that relates to prior exploration results is extracted from the Independent Geologist's Export 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 the form and context of the Competent Persons' findings in relation to the report have not been materially officed from the original market announcement.



Overview

- Sunday Creek (100%) a scarce and high-quality asset
 - Consistently wide intercepts defining large and continuous zones with predictable high-grade components
 - 305.8 m @ 2.4 g/t AuEq¹
 - 119.2 m @ 3.9 g/t AuEq²
 - 21.5 m @ 15.0 g/t AuEq³
 - Highly prospective setting with multiple avenues to unlock potential
 - Cumulative 124 holes for 24,070 m: 29 +50 AuEq g/t * m and 13 +100 AuEq g/t * m
 - Multiple shoots
 - Large footprint: 11 km strike extensions undrilled
 - System telescoping at depth
 - Strategy to increase project scale (following the Lassonde curve)
- Funded and permitted: A\$17.9m cash, 30 km drill program, 4 rigs operating
 - 132.6 hectares of freehold land



Corporate Structure – A Tight Register

Capitalisation Summary

Share Price (May 05, '23)	A\$0.575
Shares Issued	183.8M
Fully Diluted	202.1M
Basic Market Capitalisation	A\$105.7M
Cash	A\$17.637M (Feb 28, '23)

Major Shareholder Summary

	%
Institutions	11.9
Corporates	51.0
Board and Management (non-look through)	1.6
TOTAL	64.5

Other Data

Options @ A\$0.30	15.3M
Options @ A\$0.87	3.0M
Escrowed shares	93.9M
% Free Float	48.9%

Share Price Performance – 1 Year

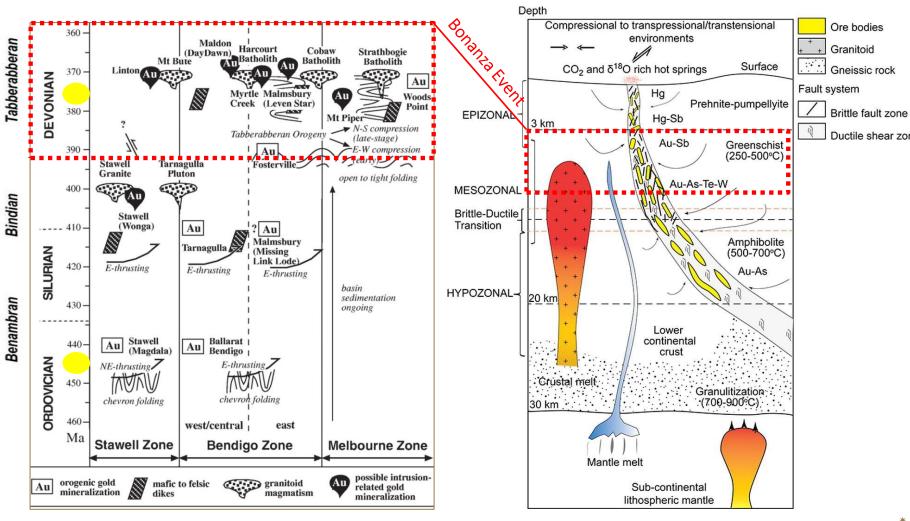




Victoria Matters and Focus on Sb-rich Deposits Will Grow

New **Gold - Antimony**

> Old Gold



Modified from: pubs. geoscience world. or g/segweb/economic geology/article/100/2/385/151101/POSSIBLE-INTRUSION-RELATED-GOLD-SYSTEMS-IN-THE pubs. geoscience world. geoscience world. geoscience world. geoscience ge

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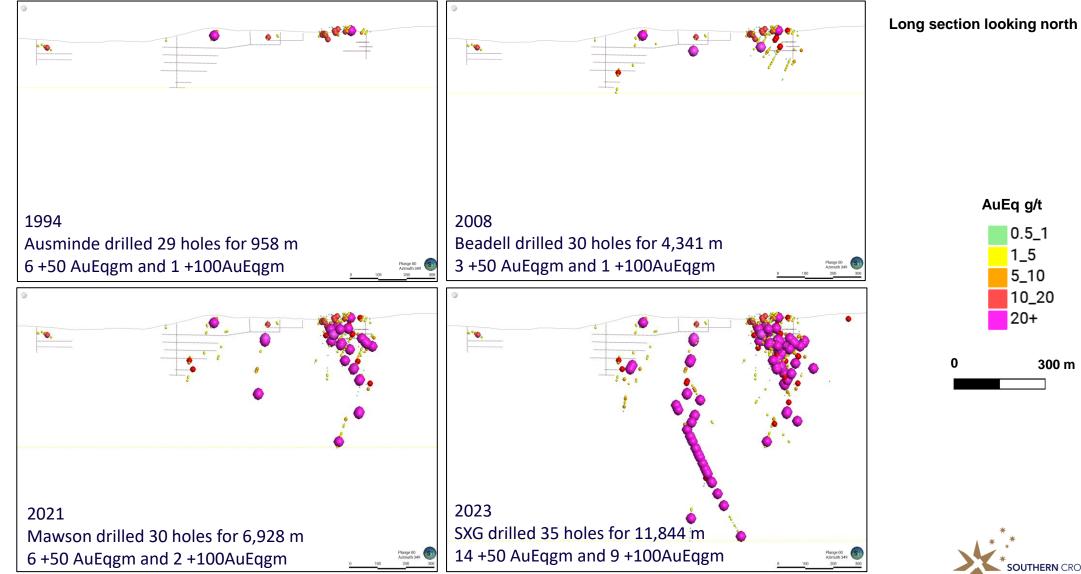
Ore bodies

Granitoid

Gneissic rock

Ductile shear zone

Continually delivering industry leading and exciting drill results Cumulative 124 holes for 24,070 m: 29 +50 AuEqgm and 13 +100AuEqgm





Sunday Creek Assays and MinerDeck ASX Top Ten Appearances

- Multiple high-grade veins sets (up to 25 defined to date) within at least 50 m of each other across the project. Each typically:
 - 20 to 40 metres thick
 - 20 to 40 metres up/down dip
 - 300 to 800 metres down plunge.
- Average Sunday Creek length weighted assays
 - 1.2 m @ 20.4 g/t AuEq (15.8 g/t Au, 2.9% Sb)
 1 m @ 5.0 g/t Au lower-cut, 198 entries, >3g/t AuEq * m
 - 4.1 m @ 6.4 g/t AuEq (5.0 g/t Au, 0.9% Sb)
 2 m @ 1.0 g/t Au lower-cut, 229 entries, >3g/t AuEq * m
 - 10.5 m @ 3.1 g/t AuEq (2.5 g/t Au, 0.4% Sb)

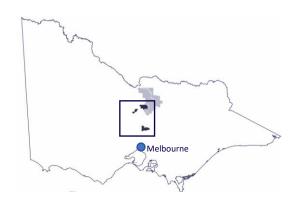
3 m @ 0.3 g/t Au lower-cut, 202 entries, >3g/t AuEq * m

Best grassroots discovery on ASX

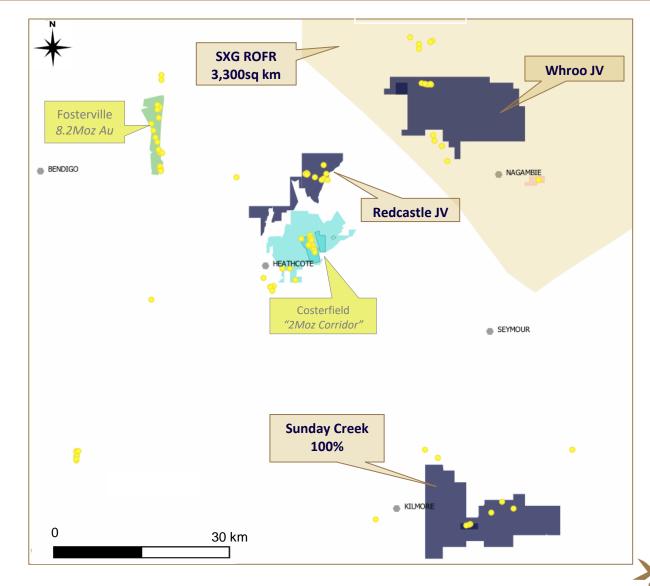
Company	Rank
Black Cat Syndicate	17
Southern Cross Gold	13
Great Boulder Resources	12
Odyssey Gold	11
Meeka Metals	11
Challenger Exploration	10
Gascoyne Resources	10
Strickland Metals	9
Alto Metals	9
Tietto Minerals	9
Since SXG IPO 16 May 2022 170 Companies make an appearance	



SXG – Controls three of the nine epizonal fields in Victoria

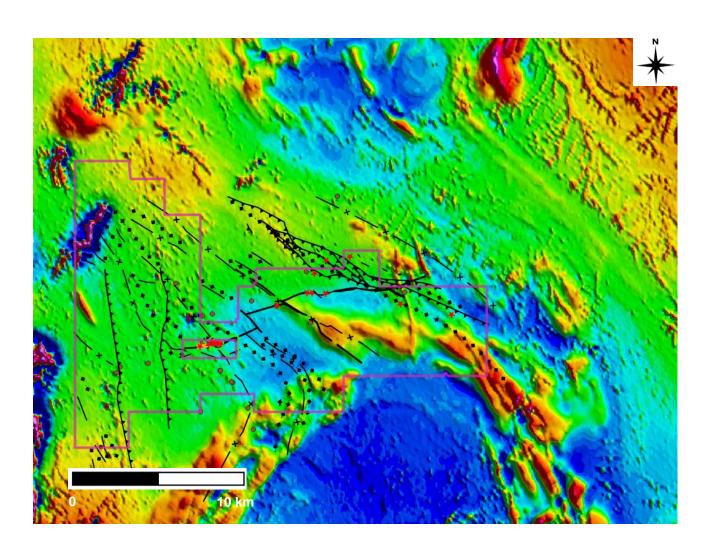






GOLD

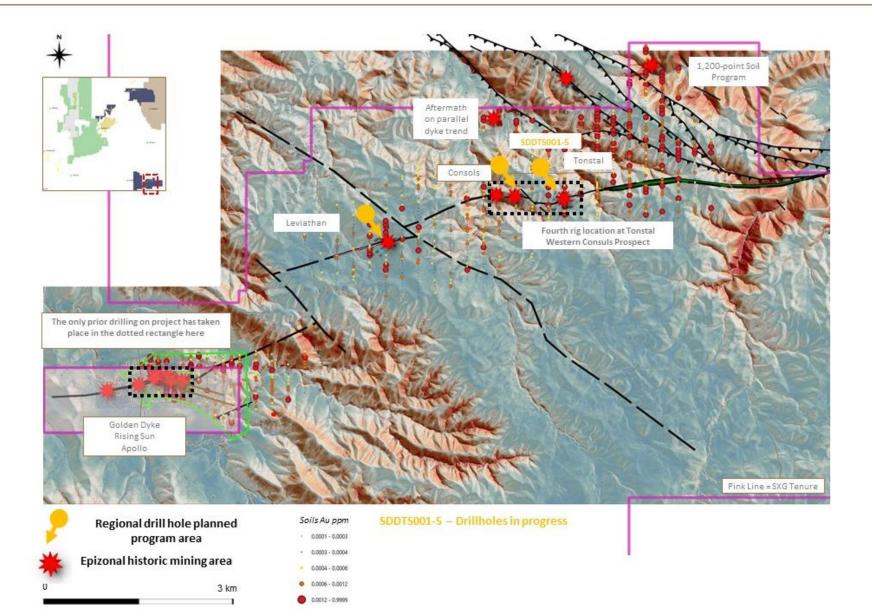
Aeromagnetic image (RTP) Sunday Creek



- Dominated by north-westerly striking open to tightly folded Silurian to early Devonian low-grade turbiditic metasediments (Humevale Siltstone and Melbourne Formation).
- Metamorphism coincident with the deformation during the Tabberabberan Orogeny in the Late Devonian produced lower greenschist facies assemblages, somewhat complicated by the thermal aureole of the multi-event emplaced I-type Mt Disappointment Granodiorite
- NW Faults



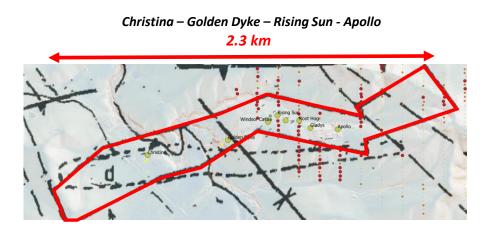
Sunday Creek - 11km Strike Extension undrilled extensions & historic mining

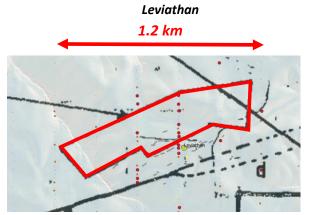


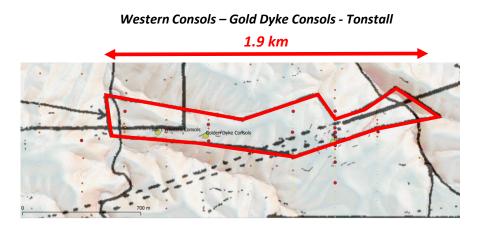


Sunday Creek 10 km trend

LiDAR Footprint & Historic Mining Leases – Only One Drilled

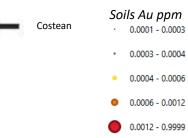






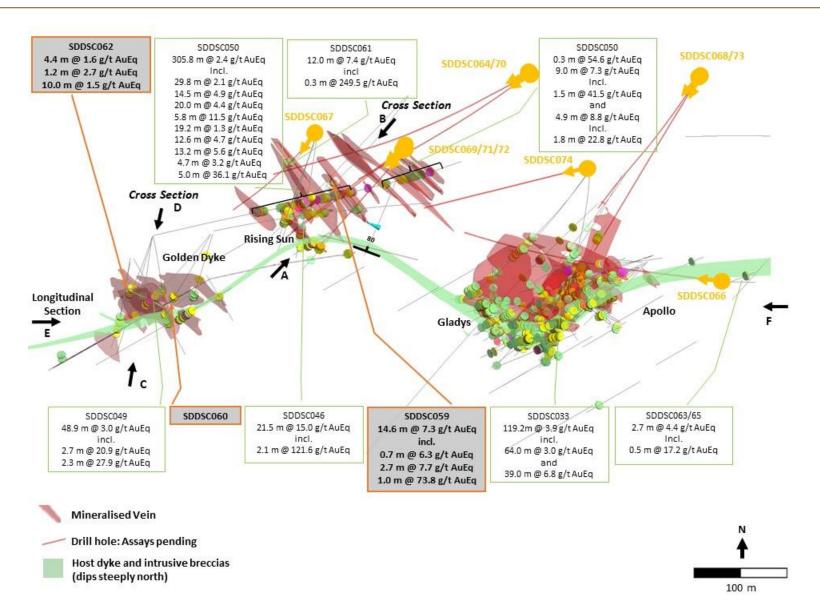


5.4 km strike of historic mining leases Only 800 m strike been drilled to date



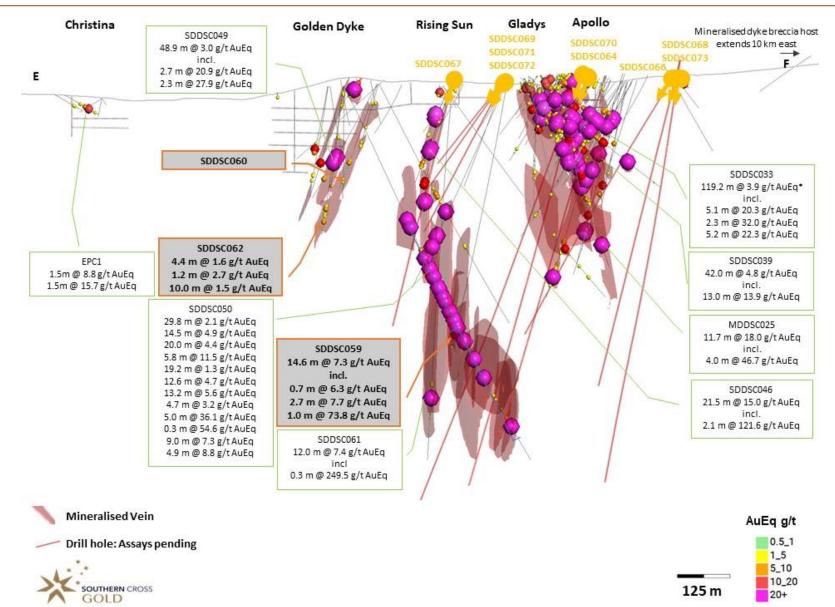


Sunday Creek – Plan view at surface



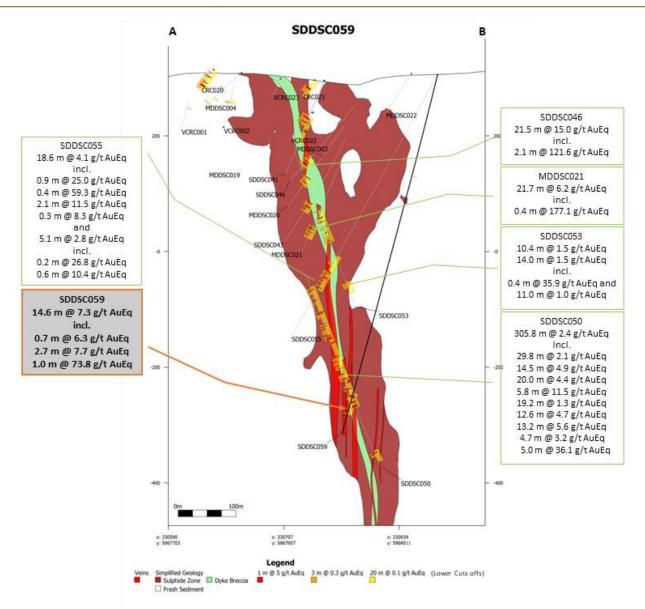


Sunday Creek – Longitudinal section looking towards 000 in plane of dyke



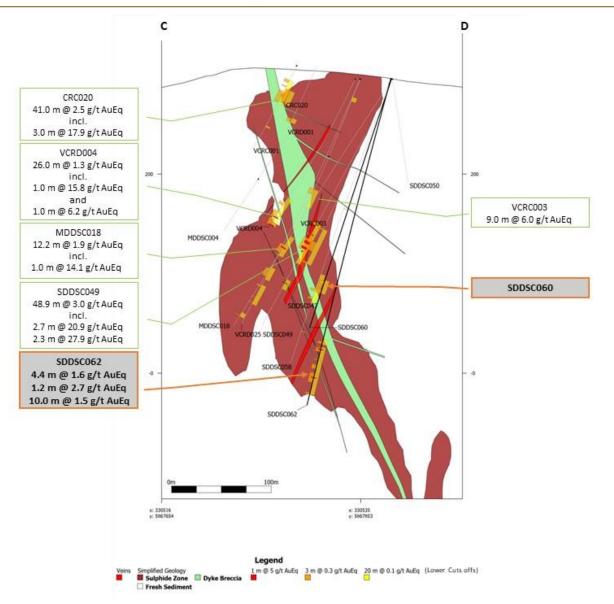


Sunday Creek – Cross section at Rising Sun



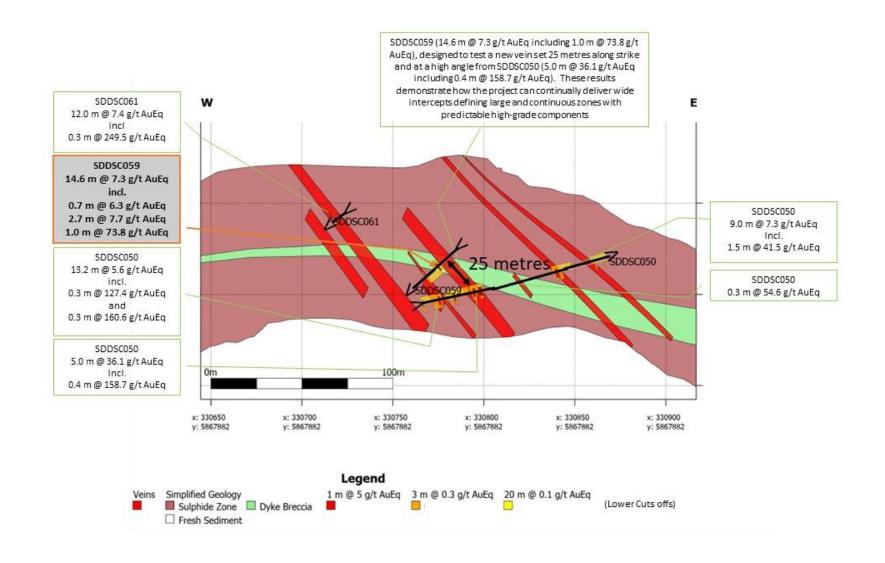


Sunday Creek – Cross section at Golden Dyke



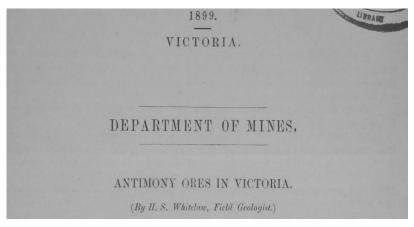


Sunday Creek – Plan view at 350m RL





Antimony – Yesterday's and Today's Critical Metal



- During the 1870s antimony production increased in Victoria because of the European wars.
- The Victoria gold mining industry practically closed at the onset of WW1
 - Except antimony, mandated by the Imperial Government under the Munitions Act, 1915 to ship concentrates to the St. Helens' Smelting and Refining Company in the UK

The Critical Minerals Institute Identifies the 14 Most Elusive Critical Minerals in the World and Launches New Website

- January 18, 2023(https://criticalmineralsinstitute.com/2023/01/18/)
- News Releases (https://criticalmineralsinstitute.com/category/news-releases/)



- 1. Antimony (Sb)
- 2. Bismuth (Bi)
- 3. Cobalt (Co)
- 4. Gallium (Ga)
- 5. Graphite (C)
- 6. Indium (In)
- 7. Lithium (Li)
- 8. Magnesium (Mg)
- 9. Niobium (Nb)
- 10. Platinum Group of Metals (PGMs)
- 11. Rare Earth Elements Of the 17 REEs, the CMI prioritizes the following 4: Neodymium (Nd), Praseodymium (Pr), Dysprosium (Dy) and Terbium (Tb).
- 12. Tantalum (Ta)
- 13. Tungsten (W)
- 14. Vanadium (V)



Our People

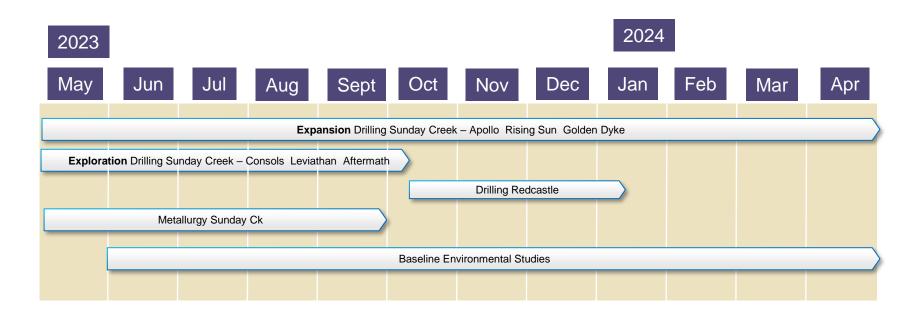
- Locally based staff living in the communities in which we work
- Australian based board focused on creating an ethical, shared value company with strong ESG credentials that employees and investors can be proud of



From our Welcome to Country Smoking Ceremony day with elders Aunty Joan and Uncle Mick from the traditional owners – Taungurung Land & Waters Council



Aggressive exploration program – "making it bigger"



Fully Funded through to 2024

- Exceptional results will be followed up 30,000 m drill program for 2023, 4 rigs operating
- Drill focus, looking to expand Sunday Creek, increase ounces per vertical metre
- Fully permitted
- Providing pipeline of continual results to the market



Southern Cross Gold: A compelling opportunity

- Sunday Creek (100%) a scarce and high-quality asset
 - Consistently wide intercepts defining large and continuous zones with predictable high-grade components
 - Highly prospective setting with multiple avenues to unlock potential
- Four rigs operating, fully permitted, cashed up
- Drilled along 1 km of strike, 800 m vertical depth
 - Multiple shoots already discovered only small % drilled
 - Large footprint: 11 km strike extensions undrilled first drill rig operating now at Tonstal
 - System telescoping at depth (opportunity for next Swan zone)
- Strategy to increase project scale (following the Lassonde curve)



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Sources for Slides

SXG Results

1 https://wcsecure.weblink.com.au/pdf/SXG/02612149.pdf

2 https://wcsecure.weblink.com.au/pdf/SXG/02526261.pdf

3 https://wcsecure.weblink.com.au/pdf/SXG/02577304.pdf

 $\frac{4https://uploads-ssl.webflow.com/6164f987875e87a4dbb1404e/626f5bb404af2a844fec9702\ Southern\%20Cross\%20Prospectus\%20-\%2017\%20March\%202022\%20Final\%20Version.pdf$



[^] Costerfield: Mandalay Resources News Releases, 8 June 2021 - Mandalay Resources Extends The Newly Discovered Shepherd Zone And Provides Update On The Costerfield Mineral System and

^{^ 9} June 2022 – Mandalay Resources Corporation Intersects 1,780g/t Gold Over 0.17 m in its Costerfield Regional Drilling Program at the Robinson Prospect