

Disclaimer



Disclaimer

All information contained in this presentation is of a general nature. Potential investors are cautioned against using the content of this presentation, in isolation, for making investment decisions and should also refer to Santana Minerals Limited ('Santana') Annual Reports and ASX:SMI releases. For further information about Santana visit our website at www.santanaminerals.com.

Best efforts have been made to ensure the accuracy of information contained (at the time of preparation). Where forward targets and/or assumptions have been included – all such instances are indicative only and subject to alteration and/or cancellation as and when the management of Santana determines.

Research and advice of a qualified financial advisor or accountant are strongly recommended to anyone considering investing in listed company securities, including those of Santana.

The Prefeasibility Study, including the production target and the forecast financial information derived from the production target, referred to in this Presentation (PFS) was released to the ASX on 15 November 2024. This Presentation includes summary excerpts from the PFS and does not purport to be all-inclusive or complete.

Forward-Looking Statements

This Presentation contains various forward looking statements. Forward-looking statements in this presentation include, but are not limited to, statements regarding the production target, financial information based on that production target and statements statements with respect to Santana's future plans, strategy, activities, events or developments the Company believes, expects or anticipates will or may occur. By their very nature, forward-looking statements require Santana to make assumptions that may not materialize or that may not be accurate. The Company has concluded that it has a reasonable basis for providing these forward-looking statements, including the production target and the forecast financial information included in this Presentation. The detailed reasons for these conclusions are outlined throughout the ASX releases dated 15 November 2024. However, no assurance can be given that these expectations will prove to have been correct, as actual results and future events could differ materially from those anticipated in the forward-looking statements. Accordingly, viewers are cautioned not to place undue reliance on forward-looking statements. Santana does not undertake to update publicly or to revise any of the included forward-looking statements, except as may be required under applicable securities laws.

To achieve the range of outcomes anticipated in the PFS, the PFS estimates that financing in the order of A\$340 million will be required. Santana believes that there are reasonable grounds for the assumptions it has made in satisfying itself that the requisite funding for the development of the Project will be available when required. However, Shareholders and prospective investors should be aware that there is no guarantee Santana will be able to secure this funding as required, and it is possible that the terms available may be dilutive or otherwise adversely impact the value of Santana's current shares. Additionally, Santana may explore alternative value-creating strategies, such as divesting some or all potential revenue streams from precious metals or a full or partial sale of its interest in the Bendigo-Ophir project.

Cautionary Statement - Inferred Resources Included in Production Target

Of the Mineral Resources planned for extraction under the PFS production model approximately 94% is within the Indicated Resources category, with the balance (6%) being classified within the Inferred Resources category. There is a low level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources or that the production target itself will be realised.

Competent Persons Statement

The production target and the forecast financial information derived from the production target set out in this presentation were first contained in a public announcement released to the ASX on 15 November 2024. The Company confirms that all material assumptions underpinning the production target and the forecast financial information derived from it continue to apply and have not materially changed.

The information in this report that relates to Mineral Resources is based on information contained in the following public announcements:

15 November 2024- ASX Announcement titled "Bendigo-Ophir Pre-Feasibility Study"

2 July 2024 - ASX Announcement titled "Infill drilling increases RAS Indicated category to 1.45Moz"

16 February 2024 - ASX Announcement titled "1.3M ounces upgraded to Indicated category from RAS drilling:"

28 September 2021 - ASX Announcement titled "Bendigo-Ophir Gold Resources Increased 155% to 643k Oz"

The information in this report that relates to Ore Reserves is based on information contained in the public announcement made to the ASX on 15 November 2024.

The information in this report that relates to Exploration Results is based on information contained in the following public announcement:

22 August 2022 - ASX Announcement titled "MDD054 Jewellery Box Re-Assays to 1400 g/t Gold"

A copy of these announcements are available to view on the Santana Minerals Limited website www.santanaminerals.com or on the ASX platform www.asx.com.au.

The reports were issued in accordance with the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements referenced above and, in the case of the Mineral Resource estimates, that all material assumptions and technical parameters underpinning the Mineral Resource estimates in the relevant announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.



PFS SUMMARY

Based on a spot gold price of A\$4,000/oz



ROBUST RETURNS

A\$1.06 billion NPV₈ (after tax)

68% IRR (after tax)
<1yr payback (from production)



RESPONSIBLE

Strong environmental focus

Avoid, mitigate, offset strategy
Mining consents in line with strict NZ
criteria



HIGH GRADE

>3g/t from RAS in early stages

2.3g/t on average for project 150koz pa in Yr1 & Yr2



LOW HURDLE

A\$340M max cash drawdown

A\$1,416/oz Au AISC Surrounded by existing workforce & services



HIGH MARGIN

>A\$1,500/oz margin after-tax

After all costs and full depreciation of CAPEX



SIGNIFICANT

Designated by NZ Government

Nationally & regionally significant Fast Track Approval eligibility

Bendigo-Ophir Gold Project PFS outcomes



BOGP PFS Outcomes

- Robust economics
- Exceptional margins
- Low hurdles
- Rapid payback
- Growth not yet included
 - ~770koz Inferred resources still to be converted at RAS
 - ~150koz Inferred at SRX and CIT



Production profile

9.2 years initial mine life

16.8Mt @ 2.3g/t

ore mined

1.15Moz of Gold

sold

~900koz Inferred resources remaining

125koz pa

average production over initial mine life



Capital & Operating

A\$340M

total pre-production cash drawdown

A\$66.4/t

C1 cash cost per tonne milled

A\$96.9/t

AISC per tonne milled

A\$1,416/oz

AISC per ounce



Financials at Spot Gold Price A\$4,000

<1yr

simple payback (from production)

A\$4.6 billion

revenue

A\$3.1 billion

EBITDA

A\$1.8 billion

after tax free cash

A\$1.06 billion

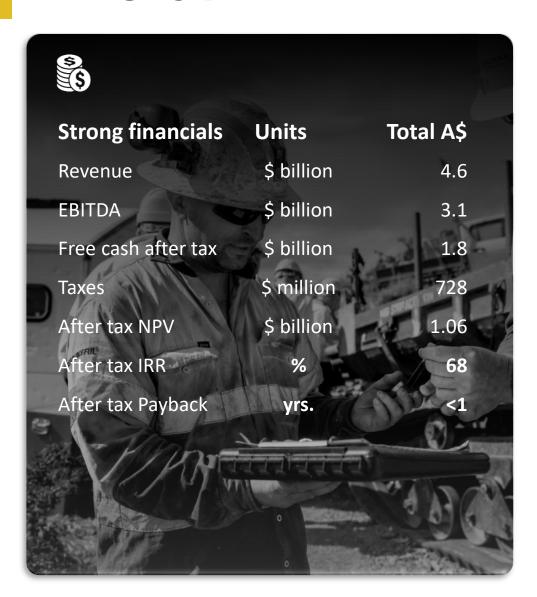
NPV₈ after tax

68%

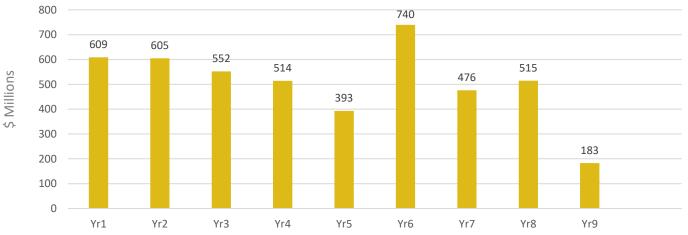
IRR after tax

Highly profitable investment case

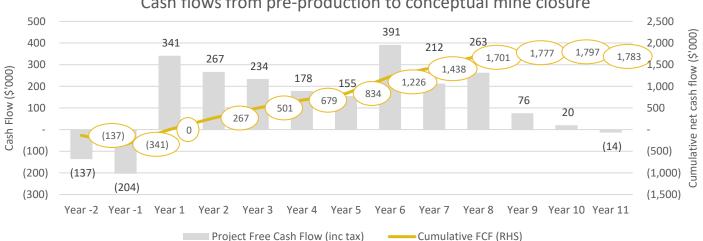




Revenue per annum A\$ millions (main production years)



Cash flows from pre-production to conceptual mine closure



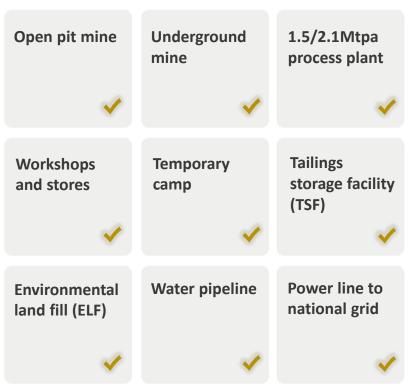
Proposed mine infrastructure and layout

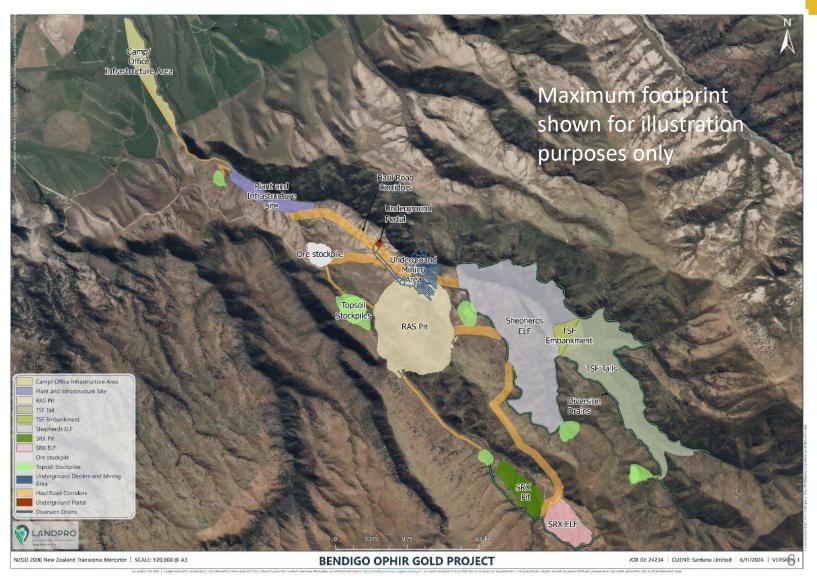


Project is located on private free-hold farm land with agreements in place to mine.

Allows a smooth pathway to permitting.

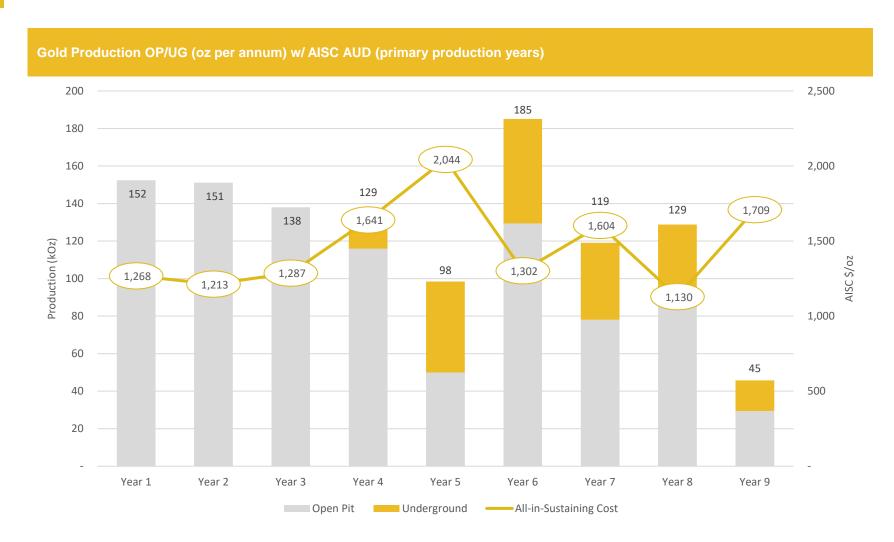
Project infrastructure includes





Very high grades in early years enables fast payback







MDD054 1400 g/t – Jewellery Box

Rich high grade core at RAS

Mining over 3.5 g/t in Yr1

Requires stockpiling and blending

Scheduling to smooth output

Open pit mining at Rise & Shine (RAS) and Srex (SRX)



RAS/SRX gold inventory

1Moz

14.4Mt at 2.2g/t



Mining physicals

8yrs mining 13Mt @ 2.36g/t from RAS 1.4Mt @ 0.68g/t from SRX

94% ore feed is Probable Reserve



Mining method

Five stages of cutbacks 250t class excavators 150t class rear dump trucks

220Mt total rock 40Mt pre-strip 14.4Mt ore 12.5:1 operating strip ratio

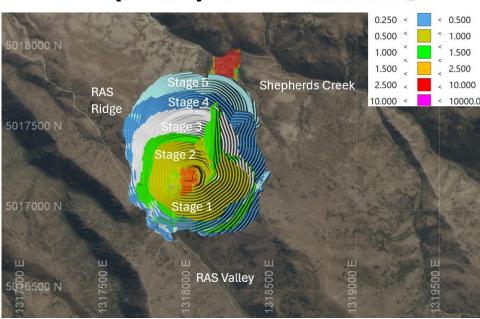


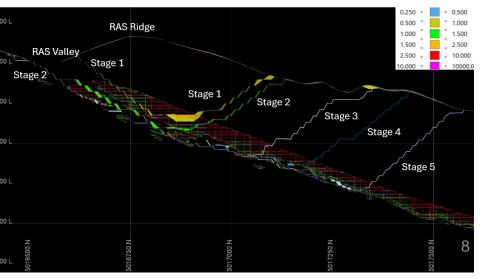
Mined gold

982koz Au from RAS 31koz from SRX >1Moz Au total

Overall grade 2.19g/t

Come-in-Time (CIT) to be added as supplementary feed





Underground mining at RAS



RAS UG inventory

232koz

2.4Mt at 3.0g/t



Mining physicals

6yrs mining 2.4Mt ore Total development 12km

96% Indicated ore feed



Mining method

Long hole stoping w/paste fill 5.5mW x 5.5mW twin declines Cable bolts and shotcrete

12km development 1.9Mt paste fill 36km of cables 17k m³ shotcrete

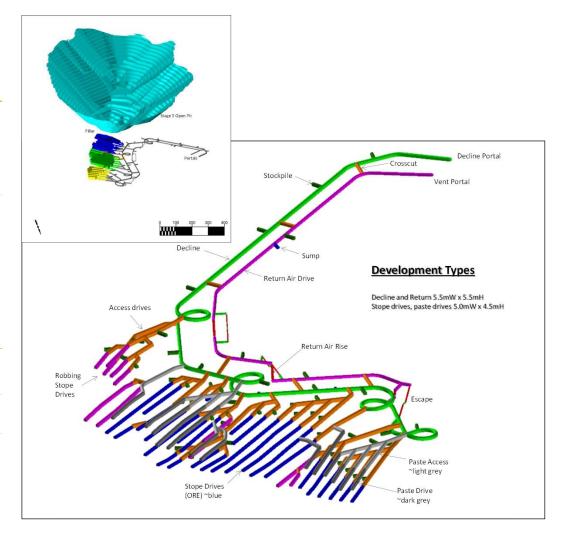


Mined gold

235koz Au

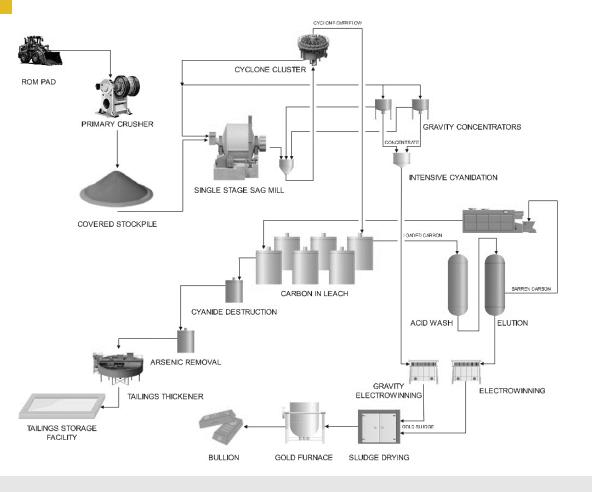
Grade 2.99g/t

~770koz Inferred resources at RAS to be converted



Conventional CIL processing plant

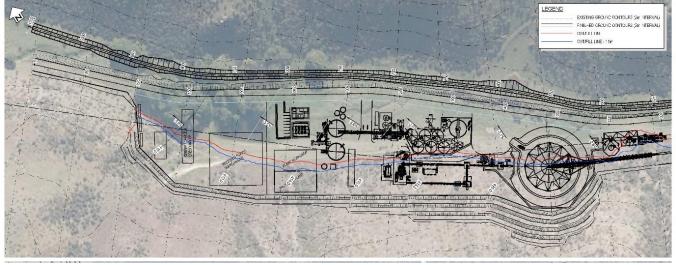






Five phases of metallurgical testing completed

Very high recoveries at RAS of 93% Overall PFS recovery of 92.4%



THE PFS DESIGN USES SIMPLE CIL TECHNOLOGY TO GENERATE VERY HIGH RECOVERIES



Single stage crush



SAG milling

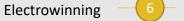


Gravity circuit













CAPEX and OPEX breakdown



PRE-PRODUCTION CAPITAL

A\$340M

Significant cost items:
Processing plant \$123M
Pre-strip mining \$133M
Site infrastructure \$51M
Underground infrastructure \$71M (funded with cash)
Capitalised OPEX UG \$51M (funded with cash)

Underground infrastructure \$71M (funded with cash) Capitalised OPEX UG \$51M (funded with cash) OPERATING COSTS Capitalised OPEX UG \$51M (funded with cash) SUSTAINING CAPITAL EXPENDITURE (funded from cash flow)

Mining cost	A\$/t milled	45.9
Milling cost	A\$/t milled	17.2
G&A	A\$/t milled	3.3
C1 Cash cost	A\$/t milled	66.4
C1 Cash cost Selling/royalties/sustaining CAPEX	A\$/t milled A\$/t milled	66.4 30.5

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TSF	A\$30.5M
Process plant	A\$27.5M
Infrastructure	A\$8.5M
Underground infrastructure	A\$3.8M
Site establishment, owners team & other	A\$13.5M
Total	A\$83.8M

Owners team

Land

Infrastructure

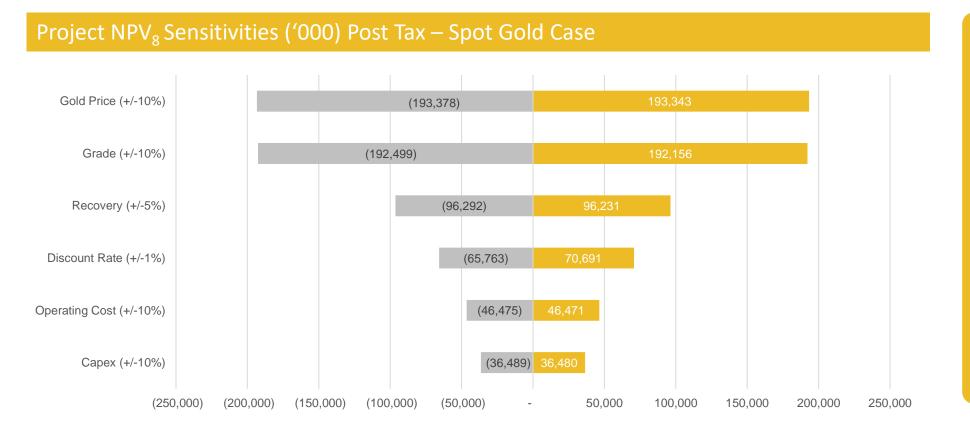
Site establishment
TSF

Capitalised G&A

Pre-strip

Resistant against price fluctuations





Strong Base-Case

@
A\$2,894/oz

NPV₈ A\$535M

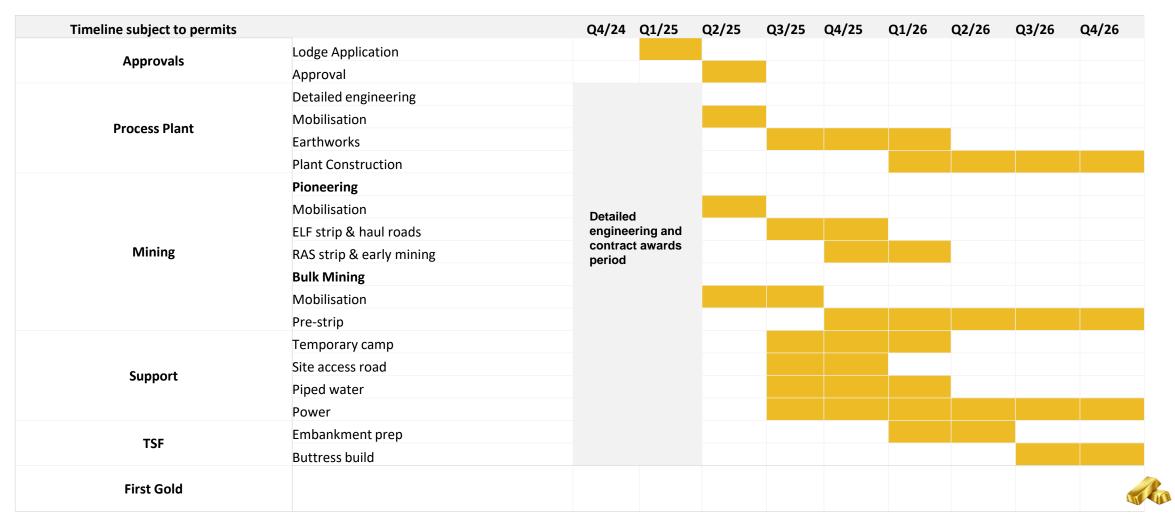
IRR 42%

Payback 1.7Yrs

(Unleveraged, Post Tax)

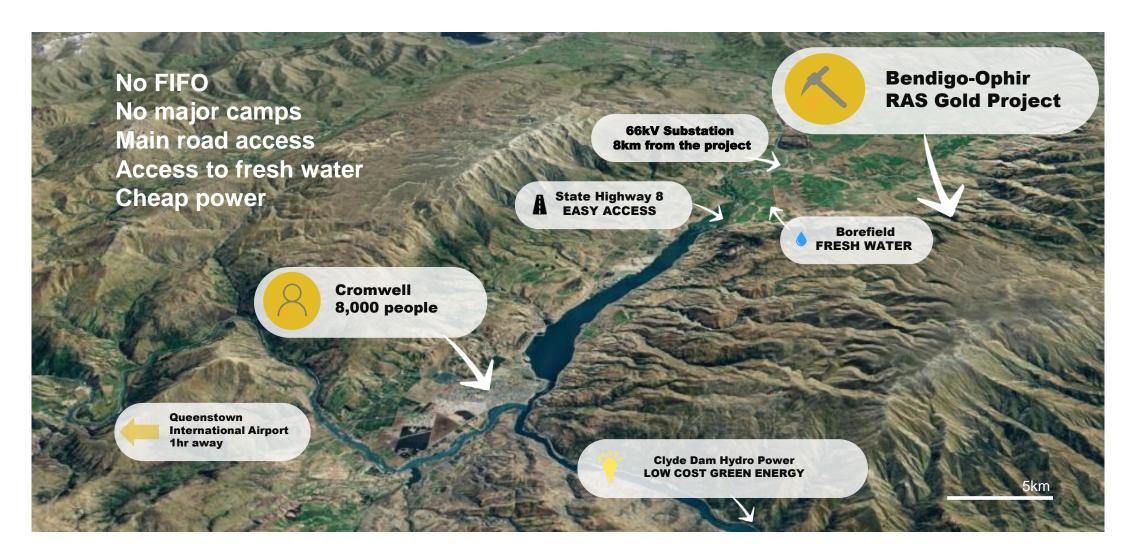
Permitting and timeline to first gold





Infrastructure and workforce already in place







MOVING IMMEDIATELY TO DETAILED CONSTRUCTION PLANNING

Based on a spot gold price of A\$4,000/oz



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HIGH MARGIN

>A\$1,500/oz margin after-tax

After all costs and full depreciation of CAPEX



SIGNIFICANT



Nationally & regionally significant Fast Track Approval eligibility

Maiden Ore Reserves – High conversions



PFS targeted 1.45Moz of Indicated resources and converted 82% (1.18Moz) to a Probable Reserve

Bendigo-Ophir Maiden Ore Reserve

15Mt @ 2.37g/t

Area	Proven		Probable		Total		
	Mt	Au g/t	Mt	Au g/t	Mt	Au g/t	Au koz
RAS (open pit)	-	-	11.9	2.42	11.9	2.43	928
RAS (Underground)			2.3	3.03	2.3	3.03	223
SRX (open pit)			1.3	0.70	1.3	0.70	30
Total	-	-	15.5	2.37	15.5	2.37	1,181

Note 1: RAS Open pit cut-off grade 0.3 g/t at \$US1,650/oz Au price

Note 2: RAS Underground cut-off grade 1.75 g/t at \$US1,650/oz Au price

Note 3: SRX Open pit cut-off grade 0.35 g/t at \$US2,100/oz Au price

Note 4: Underground Reserves are from the quoted Open pit Resources area

Note 5: The effective date of the Mineral Reserve is 1 November 2024, estimated by Rodney Redden (MAusIMM and CP-Mining), a contractor to Santana Minerals Ltd.

Note 6: Approved consents and required permits are yet to be granted to enable mining of the RAS and SRX deposits.

Appendix 1: Mineral Resource Estimate



Deposit	Mining method	Category	Cutoff (Au g/t)	tonnes (Mt)	Au (g/t)	koz
open pit		Indicated		19.6	2.3	1,452
	Inferred	0.25	9.9	2.0	634	
		Total		29.5	2.2	2,086
	Indicated		0	1.9	0	
RAS	RAS underground	Inferred	1.5	2.1	2.2	145
		Total		2.1	2.2	145
	RAS Total	Indicated		19.6	2.3	1,452
		Inferred		12	2.0	779
	Total		31.6	2.2	2,231	
	Indicated		2.6	0.7	59	
SRX	open pit	Inferred	0.25	2.4	0.9	73
	Total		5.0	0.8	132	
SRE open pit	Indicated	0.25	0.4	0.7	10	
	Inferred		0.1	0.9	3	
	Total		0.5	0.8	13	
CIT	open pit	Inferred	0.25	3.2	0.8	81
		Indicated		22.6	2.1	1,521
Total combined	Inferred		17.7	1.6	936	
	Total		40.3	1.9	2,457	

The July 2024 RAS Mineral Resource Estimates (MRE) and the SRX and SRE November 2024 MRE is based on work completed by Mr Kerrin Allwood, a Competent Person (CP) who is a Member of The Australasian Institute of Mining and Metallurgy (AusIMM). Mr Allwood is a Principal Geologist of GeoModelling Limited, Petone, New Zealand and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which is being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Refer to ASX announcement on 16 February 2024 for further detail.

The information in this report that relates to prior 2021 Mineral Resource Estimates (2021 MRE) for CIT, SHR and SRE deposits completed by Ms Michelle Wild (CP) continue to apply and have not materially changed. Refer to ASX 17 announcement on 28 September 2021 for further detail.