

DATELINE  
RESOURCES

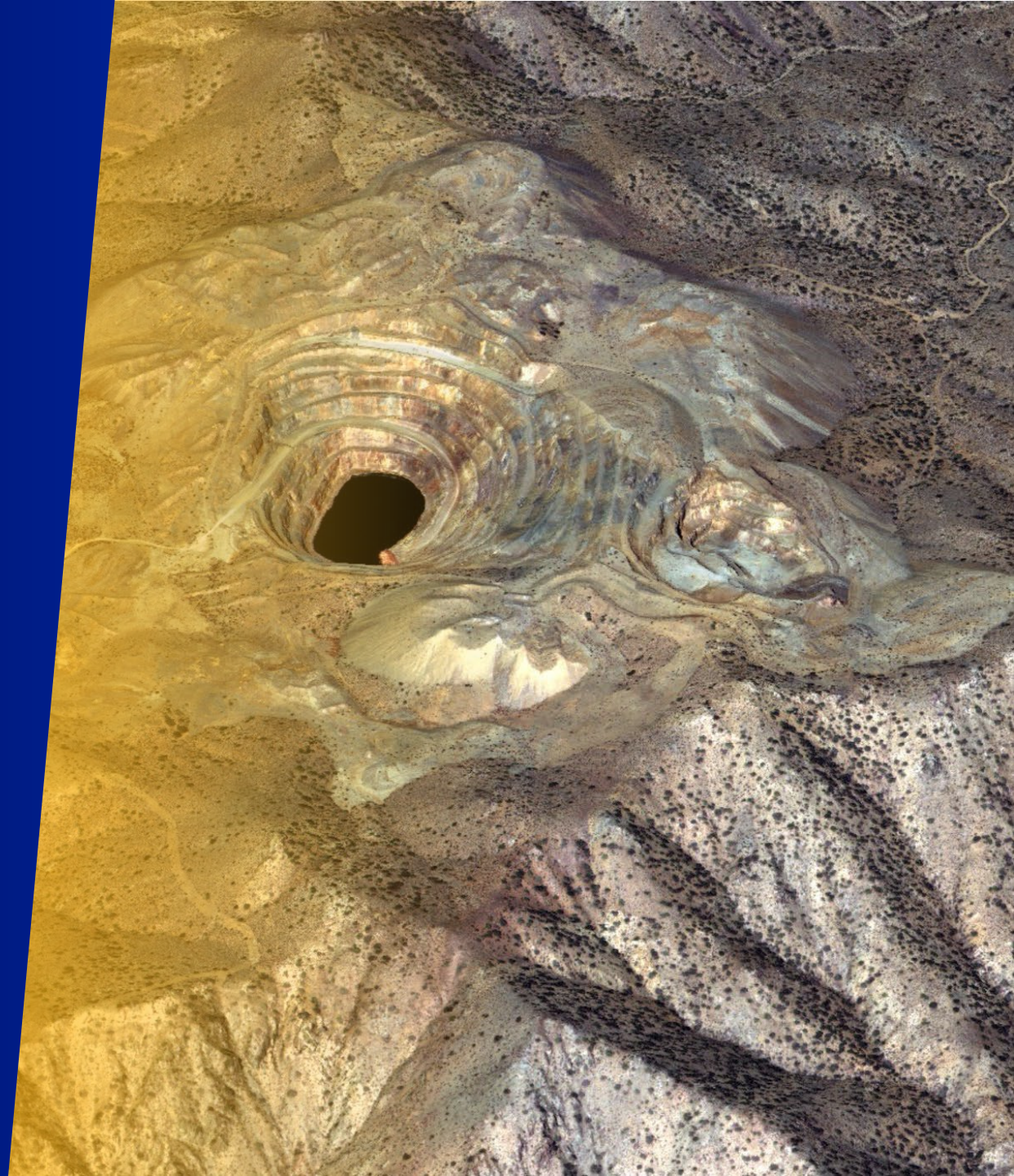


# COLOSSEUM GOLD MINE DEVELOPMENT

Scoping Study Presentation

November 2024

ASX: **DTR**





# Disclaimer

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Any information in this presentation relating to exploration targets should not be misunderstood or misconstrued as an estimate of Mineral Resources or Ore Reserves. Hence the terms Mineral Resource(s) or Ore Reserve(s) have not been used in this context (or at all). Furthermore, any reference to potential target size, quantity and/or grade is conceptual in nature, since there has been insufficient work completed to define them beyond exploration targets and in any event, it is uncertain if further exploration will result in the determination of a mineral resource.

The information in this report relating to Exploration Results or Exploration Targets is based on information compiled by Mr Gregory Hall who is a Fellow of the Australasian Institute of Mining and Metallurgy and has sufficient exploration experience which is relevant to the various styles of mineralisation under consideration 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'. Mr Hall is a Director of Dateline Resources Limited. Mr Hall consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Exploration Results has been prepared by Barbara Carroll, CPG, Principal of GeoGRAFX Consulting, LLC. who is an independent Competent Person within the meaning of the JORC (2012) code. Ms. Carroll is a Certified Professional Geologist with the American Institute of Professional Geologists and a Registered Member of SME. Ms. Carroll has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which she is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves" (JORC Code) and consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.

The data in this report that relates to Mineral Resource estimates for the Colosseum gold deposit is based on information evaluated by Mr Simon Tear who is a Member of The Australasian Institute of Mining and Metallurgy (MAusIMM) and who has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is 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"). Mr Tear is a Director of H&S Consultants Pty Ltd and he consents to the inclusion in the report of the Mineral Resource in the form and context in which they appear.



# Cautionary Statement

The Study has been undertaken to assess viability of developing the Colosseum Gold Project by constructing an open cut mine ± underground mine and processing facility to produce gold doré.

It is a preliminary technical and economic study of the potential viability of the Colosseum Project. It is based on technical and economic assessments that are not sufficient to support the estimation of Ore Reserves. Further exploration and evaluation work and appropriate studies are required before Dateline will be in a position to estimate any Ore Reserves or to provide any assurance of an economic development case.

The Study is based on the material assumptions highlighted throughout this announcement. While the Company considers all the material assumptions to be based on reasonable grounds, there is no certainty that they will prove to be correct or that the range of outcomes indicated by the Study will be achieved.

These include assumptions about the availability of funding. To achieve the potential project development outcomes indicated in the Study, funding in the order of US\$152 million is needed (DTR presently has U.S. market capitalisation of approximately US\$10 million). Investors should note that there is no certainty that the Company will be able to raise funding when needed, however the Company has concluded it has a reasonable basis for providing the forward-looking statements included in this announcement and believes that it will be able to fund the development of the project. This is based on a ratio of initial capital expenditure to market capitalisation of 15 : 1.

It is also possible that such funding may only be available on terms that may be dilutive to, or otherwise affect the value of the Company's existing shares. It is also possible that the Company could pursue other strategies to provide alternative funding options. Given the uncertainties involved, investors should not make any investment decisions based solely on the results of the Study.

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 or Measured Mineral Resources or that the production target itself will be realised.

The Study is based on the June 2024 Mineral Resource Estimate, is based on low-level technical and economic assessments, and is insufficient to support estimation of Ore Reserves or to provide assurance of an economic development case at this stage, or to provide certainty that the conclusions of the Study will be realised.

The Study has been completed to a level of accuracy of +/-35% in line with industry standard accuracy for this stage of development. The Company has reasonable grounds for disclosing a Production Target, given that in the first five years of production, 89% of the mill feed is scheduled from the Measured and Indicated Resource category, which exceeds the economic payback period for the Project by 1.75 years.

Approximately 55% of the Life of Mine Production Target is in the Measured Mineral Resource category, 26% is in the Indicated Mineral Resource category and 19% is in the Inferred Mineral Resource category. There is a lower level of geological confidence associated with Inferred Mineral Resources, and while the Company considers all the material assumptions in this Study to be based on reasonable grounds, there is no certainty that they will prove to be correct or that the range of outcomes indicated will be achieved.

The Mineral Resources underpinning the production target in the Study have been prepared by a Competent Person in accordance with the requirements of Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code (2012)). The Competent Person's Statement is found in the Mineral Resources section of the Study. For full details of the Mineral Resource Estimate, please refer to Dateline's ASX Announcement dated 6 June 2024.

Dateline confirms that it is not aware of any new information or data that materially affects the information included in that release. All material assumptions and technical parameters underpinning the estimates in that Announcement continue to apply and have not materially changed.

Note that unless otherwise stated, all currency in this Presentation is US dollars.



# Scoping Study Highlights

**635koz**

Gold produced  
over 8.4 years

Simple  
**Open Pit**  
Mining

Conventional  
**2Mpta**  
CIP Processing

Conservative  
**US\$2,200/oz**  
gold price used

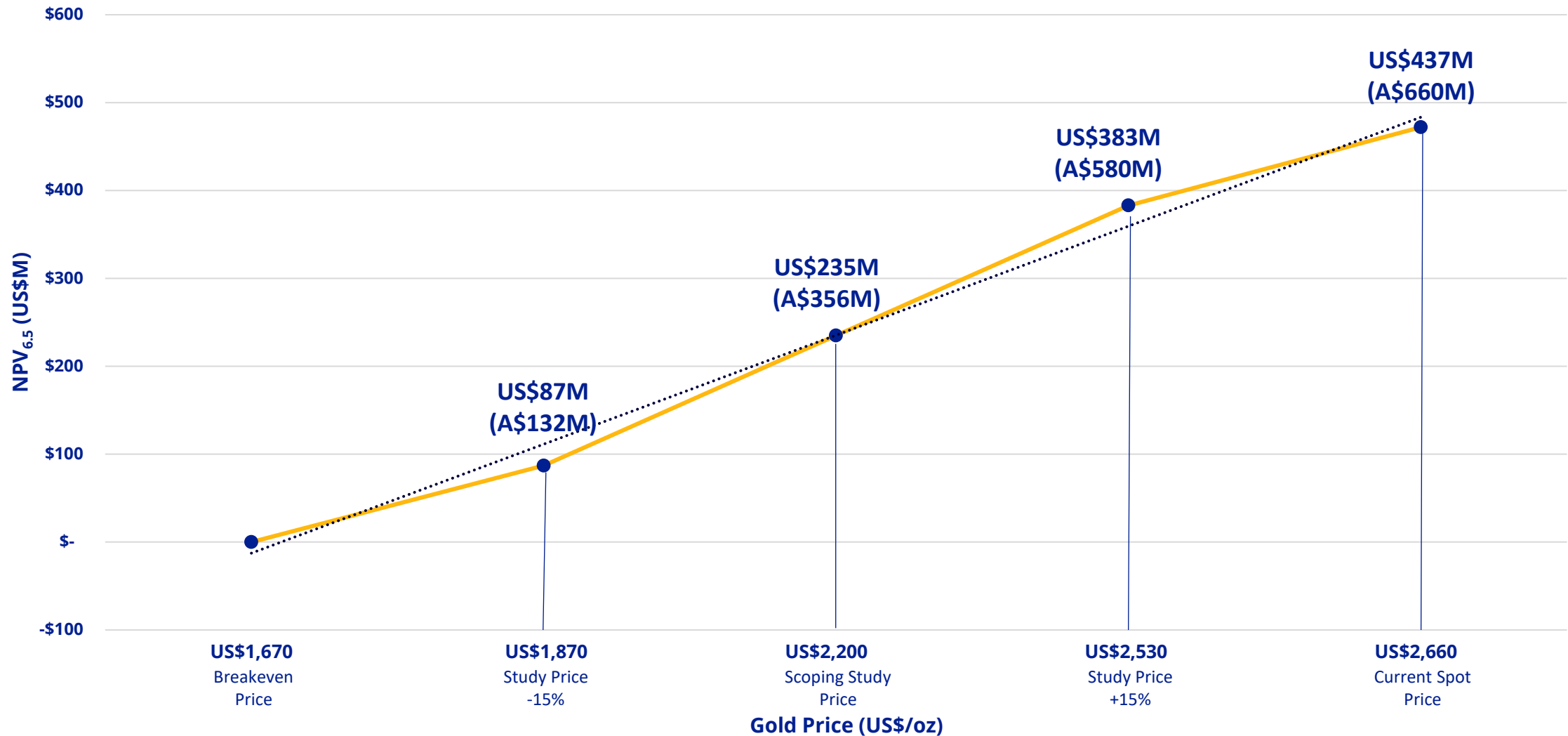
**8.4yr Mine  
Life**  
75,000oz annually

**US\$396M**  
**EBITDA**

**US\$235M**  
**NPV**

**31%**  
Internal Rate of  
Return

# Robust Outcomes Across Range of Prices





# Key Inputs and Outcomes

Robust outcome based on conservative gold price

PARAMETER	UNIT	PROJECT TOTAL*
<b>PRODUCTION TARGET</b>		
Life of Mine	Years	8.4
Total Ore Mined	M Tonnes	16.6
Total Waste Mined	M Tonnes	56.8
Total Material Movement	M Tonnes	73.3
Strip Ratio	x:x	3.4:1
Total Tonnes Milled	M Tonnes	16.6
Average Plant Throughput	Mtpa	1.8
Average Head Grade	g/t Au	1.3
Average Recovery	%	92
Total Net Gold Produced	koz	635
Ave Annual Gold Production	Koz pa	75

PARAMETER	UNIT	PROJECT TOTAL*
<b>FINANCIALS</b>		
Gold Price	US\$/oz	2,200
Discount Rate	%	6.5
Total Operating Costs	US\$M	751
Total Capital Costs	US\$M	195
Pre-production Capex	US\$M	138
Total pre-production capital expenditure and working capital requirements	US\$M	153
Total Net Revenue	US\$M	398
Total Sales Revenue	US\$M	1,344
Discounted Cashflow (@6.5%) - NPV <sub>6.5</sub>	US\$M	235
Internal Rate of Return	%	31
<b>UNIT COSTS</b>		
Unit Operating Costs (C1)	US\$/oz milled	1,182
All In Sustaining Costs	US\$/oz	1,490

\* Refer to the Cautionary Statement on Slide 3. Estimates are to an accuracy of +/- 35%

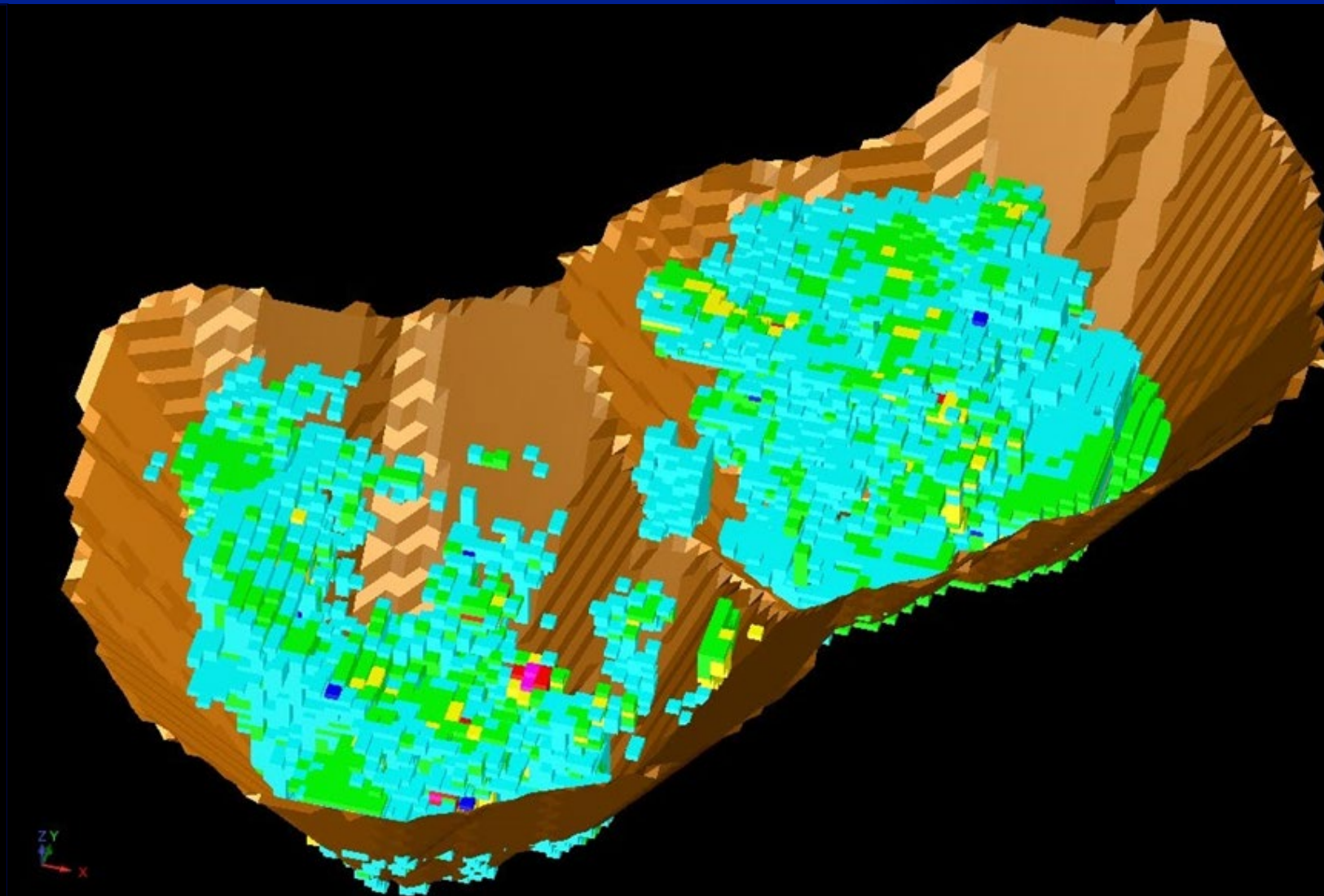
# Conventional Mining & Processing

The Scoping Study envisages simple open pit mining techniques, with 2Mtpa of ore delivered to the ROM pad for processing.

Processing would be by standard carbon-in-pulp (CIP) method, with a 2Mtpa plant fitting within the same 1Mtpa footprint of the late 1980's development.

Recoveries were estimated based on 6 years of actual mining data.

All the mining, waste emplacement and processing plant has been designed to fit within the existing vested mining rights and approved plan of operation



# Potential Project Enhancements

The Company has identified several opportunities that may enhance the project economics and will progress these in the next steps:

## Aggregate Sales

Dateline has commenced discussions with various construction companies interested in using crushed waste rock from Colosseum as aggregate for use in:

- Las Vegas construction
- Southern Nevada Supplemental Airport
- California construction

## Mineral Resource Extensions

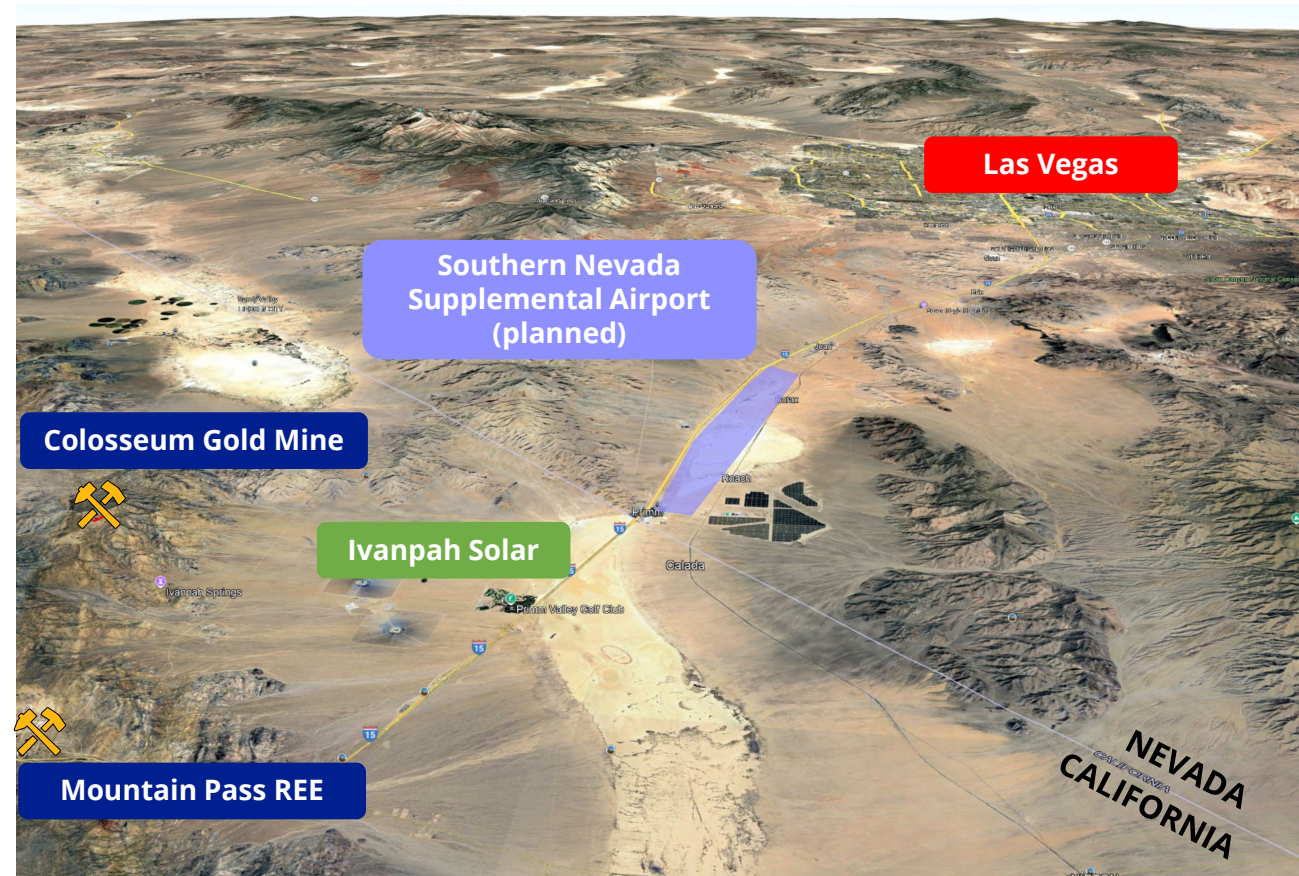
The mineral resource at Colosseum is open at depth, with extensional drilling offering the potential for a deeper open pit or future underground operation.

## Toll Treatment

There may be opportunities for Dateline to either treat Colosseum ore at a third-party mill or treat third party ore at Colosseum.

## Stockpile Processing

The Scoping Study did not include the treatment of historical stockpiles on site of 750kt at 1.1 to 1.5g/t Au





# Next Steps - Value Generation – 12 Months



Complete scope of work for DFS and select discipline experts



Complete and publish DFS for Colosseum, including Ore Reserve estimate



Undertake cost-benefit studies into aggregate sales and other project enhancements

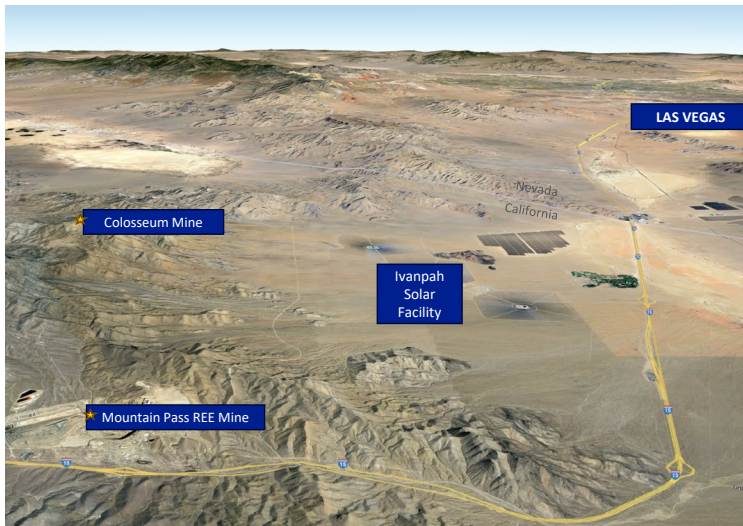


Progress Colosseum studies and financing through to a Decision to Mine

**In addition to the above, The Company will continue to pursue non-dilutive funding to advance it's REE exploration program**

# Mining in California

- California has eight active open pit gold mines, with 3 within 200km of Colosseum
- Excellent infrastructure – 10km to sealed road, 60km from Las Vegas, local solar facility, planned major airport 20km away



5. <https://goldenqueenllc.com/operations/>  
6. <https://www.equinoxgold.com/our-mines/mesquite-gold-mine/>  
7. <https://www.equinoxgold.com/our-mines/castle-mountain-gold-mine/>



# Corporate Snapshot

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**2.51B**

Shares on Issue

## Options – Listed

~563m @ 2 cps

## Options - Unlisted

~166m @ 3 cps

~57m @ over 9.5 cps

**A\$10M**

Market Capitalisation

**\$0.004**

Share Price (5/11/24)

**\$2.59M**

Cash Balance (30/09/24)

**\$0.66**

AUD/USD Xrate

## Major Shareholders

Mark Johnson (Chair)	19.41%
Stephen Baghdadi (MD)	13.33%
Southern Cross Exploration	3.86%
HSBC Custody Nominees	3.22%
Total # of shareholders	1,229

## Debt

A\$2.2m Unsecured Director loans made in cash with average interest rate of 7.5%

A\$0.44m Unsecured due to rollover for 24-month debt

## Production royalties

2.5% NSR on all Colosseum production

# Experienced Board



**Mark Johnson AO**  
Non-Executive Chairman

Mr Johnson has worked in banking and corporate finance for over forty years. He retired as Deputy Chairman of Macquarie Bank in mid-2007 and now divides his time between work in the private and public sectors.

Mr Johnson is a senior adviser to Gresham Partners, Chairman of Alinta Energy Ltd, and from 2002 to 2013, one of the three Australian members of the APEC Business Advisory Council (ABAC).



**Stephen Baghdadi**  
Managing Director

Since 1993, Mr Baghdadi has acted as an executive director for numerous ASX-listed companies, including the Horizon group of companies, Afro-West, Alamain Investments, and Marino, and privately held controlling interests in manufacturing, software development and property concerns.

Mr Baghdadi has completed several transactions in Australia, South East Asia, Europe and North America. He brings to the table the ability to identify an undervalued asset or opportunity that has the potential to yield high returns.



**Tony Ferguson**  
Non-Executive Director

Mr Ferguson is an investor, entrepreneur and investment banker. Most of Mr Ferguson's career was with Macquarie Group, where he established and led the natural resources team advising on many major mining industry transactions. He established Macquarie's presence in Canada, headed Macquarie's Asian investment banking operations, and established and led the Asia Resources Fund.

Mr Ferguson's career included three years as Managing Director and Head of Investment Banking at Rothschild Australia and a Global Partner of Rothschild Investment Bank.



**Greg Hall**  
Non-Executive Director

Mr Hall is an exploration geologist with over 40 years of international experience. From 1988-2005, he was employed by the Placer Dome group of companies, serving as Chief Geologist -World Wide.

Throughout his career, Mr Hall had a senior role in the discoveries of Gold Field's Granny Smith mine and Rio Tinto's Yandi iron ore mine.

In addition, he took part in the discoveries of Keringal and Wallaby in Australia's Eastern Goldfields, as well as the definition of AngloGold Ashanti's Sunrise gold mine.



**Bill Lannen**  
Non-Executive Director

Mr Lannen's career commenced with Aberfoyle Ltd, where he worked in both technical and operating roles at Cleveland Tin, Ardlethan Tin and the Melbourne head office. His last project was to take the Hellyer base metal mine in Tasmania from feasibility to full production as the mine manager. In 1990, Bill started Mancala, a specialist mining contractor and mine engineering group, managing Mancala's operations for over 25 years.

Projects have included whole-of-mine contracts in open pit and underground and specialist contracts in the development and recovery of shafts.



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