

#### **2 AUGUST 2021**

**ASX/MEDIA RELEASE** 

#### BARDOC TO PRESENT AT DIGGERS AND DEALERS CONFERENCE

Bardoc Gold Limited (ASX: BDC) is pleased to advise that the Company's CEO, Robert Ryan, is presenting at the 2021 Diggers and Dealers Conference on Tuesday 3<sup>rd</sup> August 2021 (1.35pm WST).

Streaming of the presentation can be accessed from the link below.

https://www.diggersndealers.com.au/dnd/wp-login.php?action=register

Attached is a copy of the Presentation.

Approved for release by:

Robert Ryan
Chief Executive Officer

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Statements regarding plans with respect to the Company's mineral properties are forward looking statements. This presentation contains forward looking statements. Forward looking statements are often, but not always, identified by the use of words such as "seek", "target", "anticipate", "forecast", "believe", "plan", "estimate", "expect" and "intend" and statements that an event or result "may", "will", "should", "could" or "might" occur or be achieved and other similar expressions. The forward-looking statements are based on current expectations, estimates, forecasts and projections about Bardoc and the industry in which they operate. They do, however, relate to future matters and are subject to various inherent risks and uncertainties. Actual events or results may differ materially from the events or results expressed or implied by any forward-looking statements. The past performance of Bardoc's directors, officers, employees, agents or contractors makes any representation or warranty (either express or implied) as to the accuracy or likelihood of fulfilment of any forward-looking statement, or any events or results expressed or implied in any forward-looking statement, except to the extent required by law. You are cautioned not to place undue reliance on any forward-looking statement. The forward-looking statements in this announcement reflect views held only as at the date of this announcement. The Company refers investors to the Definitive Feasibility Report dated 29<sup>th</sup> March 2021. There can be no assurance that the Company's plans for development of its mineral properties will proceed as expected. All statements in this document (other than statements of historical fact) are forward looking statements that involve risks and uncertainties. The Company can give no assurance that statements will prove accurate and results and future events could differ materially.

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### **Australia's Next Gold Producer**



- > +1Moz gold development project in a Tier-1 jurisdiction
  - 250km² tenement package just 40km north of Kalgoorlie
  - 3.07Moz Resource, 1Moz Reserve
- > Targeting 136koz pa of high-grade, high-margin production
  - Nominal 2.1Mtpa gold processing & flotation plant
  - LOM AISC of A\$1,188/oz
  - Pre-production capital ~\$177M
- Closing in rapidly on development and production
  - Financing discussions well advanced
- Experienced board and management team
  - Strong operations and development experience Pilbara Minerals, Integra Mining, Northern Star, Norton Goldfields, Barrick, Newmont

Bardoc is one of few new +100koz pa Australian gold projects set to come on stream over the next two years.





# **Corporate Summary**



#### **CAPITAL STRUCTURE**

Shares	М	1,735
Options	М	9
Performance Rights	М	46.6
Share price (30 <sup>th</sup> June 2021)	A\$	\$0.069
Market Capitalisation	A\$	\$119.7m
Cash Balance (30 <sup>th</sup> June 2021)	A\$	\$12.88m
Top 50 Shareholders		47.38%

#### **BOARD**

Tony Leibowitz	Chairman	30 years of corporate finance, investment banking and broad commercial experience.
John Young	Director	Mr Young is a highly experienced geologist, and co-founder of Pilbara Minerals.
Neil Biddle	Director	Mr Biddle is a geologist with over 30 years' professional and management experience, and cofounder of Pilbara Minerals.
Rowan Johnston	Director	Mining Engineer and experienced executive director, previously Executive Director of Integra Mining.
Peter Buttigieg	Director	Peter is an IT Processional and founder and Managing Director of RMS (Aust.) Pty Ltd.

#### **SHAREHOLDER**









**RAWSON LEWIS** 

**CURRAN&CO** 

\*Research available at www.bardocgold.com.au

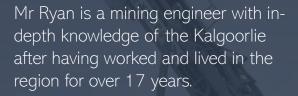
# **Experienced Team, Ready to Deliver**



#### **Executive Team**



Robert Ryan CEO





Management Team

Bradley Toms

Exploration Manager

Mr Toms is a geologist with over 30 years of exploration experience which includes 15 years in the North Eastern Goldfields of Western Australia.



Andrew Francis
COO

Mr Francis is a mining engineer with over 15 years' technical, operational and management experience across a variety of commodities.



Helen Chernoff

Environmental & Stakeholder Manager

Mrs Chernoff has over 17 years' experience in environmental and stakeholder roles throughout the Western Australian Goldfields region.



Oliver Mortensen CFO

Mr Mortensen is a Chartered Accountant with 15 years of experience across public practice, private and public companies, including Thiess, Barrick Gold, BGC Contracting and Newmont.



Mark Roberts
Project Manager

Mr Roberts is an experienced metallurgist with experience in Feasibility studies, process design and commissioning of new and upgrades for mineral processing plants.



Russell Hardwick
Company Secretary

Mr Hardwick is a Chartered Secretary and Certified Practicing Accountant with 20 years' experience in a variety of private and public companies.

## **Environmental, Social & Governance**





### **Corporate Governance**

- Reporting against select United Nations Sustainable Development Goals
- Provides a platform for our stakeholders to understand our business model and what differentiates us from our competitors



### **Community and Social**

- Positively contribute to the community
- Understanding our stakeholders interests and influence in our activities



#### **Indigenous Stakeholders**

 Commitment to establish and maintain positive, long term relationships with traditional land owners.



#### **Our People**

 Our people are our priority and the driving force underpinning our decisions





## **Tier-1 Jurisdiction**





Located 40km north of Kalgoorlie



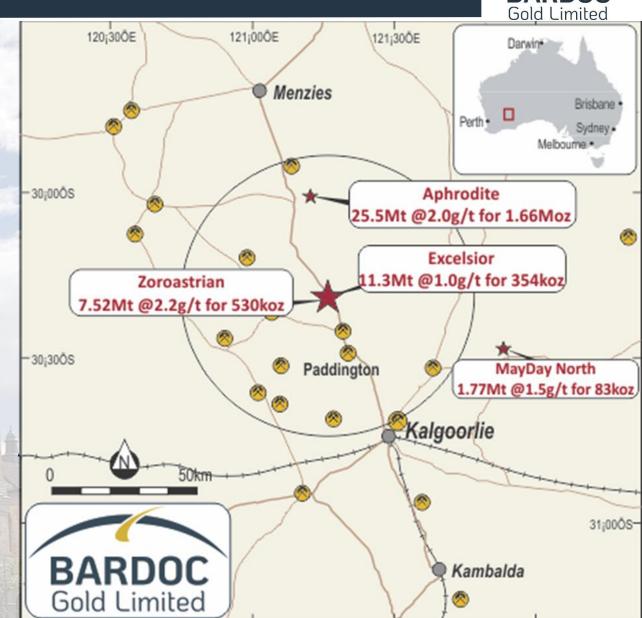
Road, rail and power infrastructure



Residential workforce



Mining-friendly community

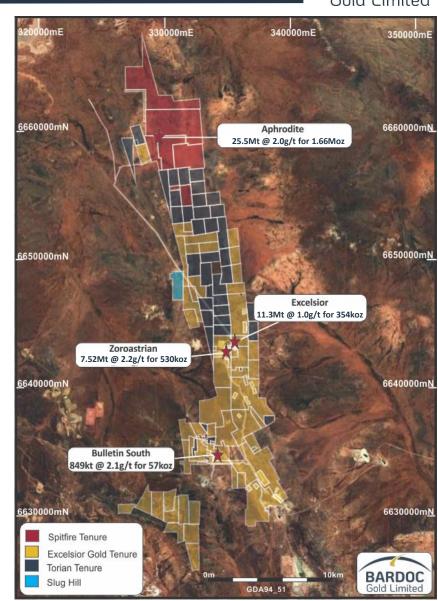


# Strategic Consolidation of North Kalgoorlie Region



- Much-needed consolidation of tenement areas to facilitate effective exploration and development
- ✓ Aphrodite deposit acquired via merger with Aphrodite Gold in 2017
- Excelsior and Zoroastrian acquired via merger with Excelsior Gold in 2018
- ✓ Low-cost complementary acquisitions from Torian Resources (May 2019), Vettersburg tenement (Aug 2019) and Mayday North/North Kanowna Star (Sept 2019)

CONSOLIDATED LAND-HOLDING FACILITATES A STRATEGIC AND HOLISTIC APPROACH TO EXPLORATION AND DEVELOPMENT.



# **Building a High-Quality Resource Base**





Strategic M&A to consolidate prolific gold belt



877koz added through exploration since 2018



Quality of Resource has increased since 2018 merger

Indicated Resource increased by 500koz



Resource growth and confidence increase at just \$20/oz!









■ Aphrodite Merger



Exploration

### **DFS Headlines**





**8-year** Production of **1.1Moz** at **136koz** pa



Strong post-construction FCF: **A\$113Mpa** 



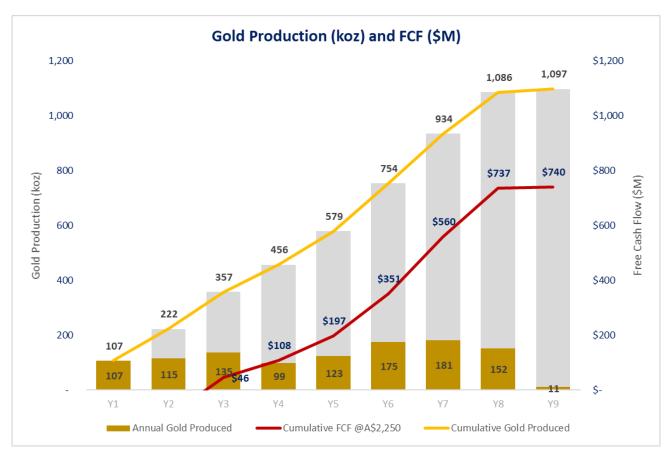
Low production cost AISC: A\$1,188/oz



1.1Moz Mine reserves (2g/t)3Moz Resource (>2Moz indicated)



2.2Mt Production rate





\$479M NPV

At \$2,250/oz Gold Price

41% IRR

At \$2,250/oz Gold Price

# Aphrodite



7.7Mt

LOM Open Pit & Underground
Production Target

- Multiple Parallel Lodes
- Peak UG production of 110kozpa
- Open at depth, along strike and through additional lodes (Omega, Epsilon, Sigma & Gamma)
- Drilling indicating that Phi lode extends to >1,100m in strike
- High ounce per vertical meter of+2,000 ovms

### 660koz

LOM Open Pit & Underground Production Target

### 6.5 Years

Current Life of Project



# Zoroastrian / Excelsior Complex



8.7Mt

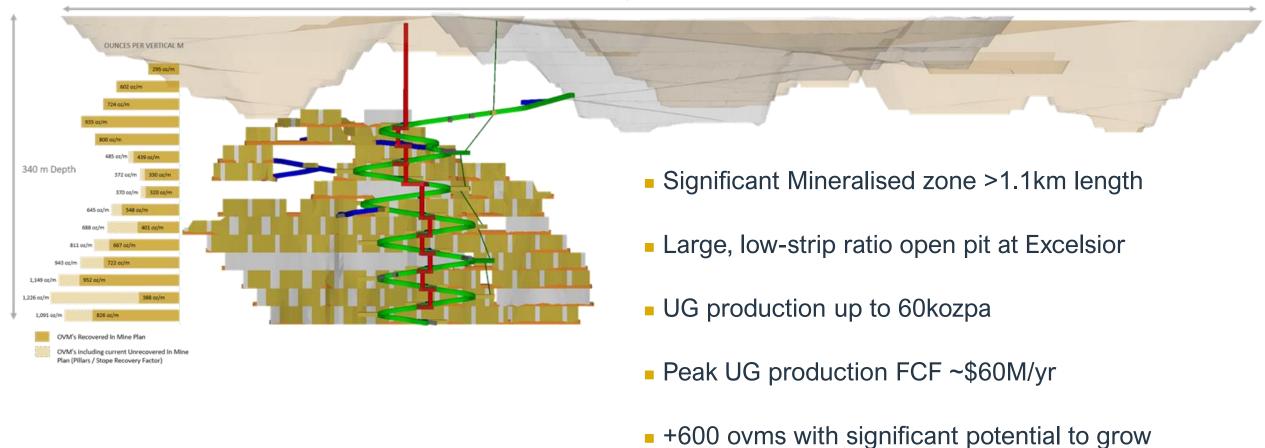
LOM Open Pit & Underground
Production Target

### 419koz

LOM Open Pit & Underground Production Target 8 Years

Current Life of Project

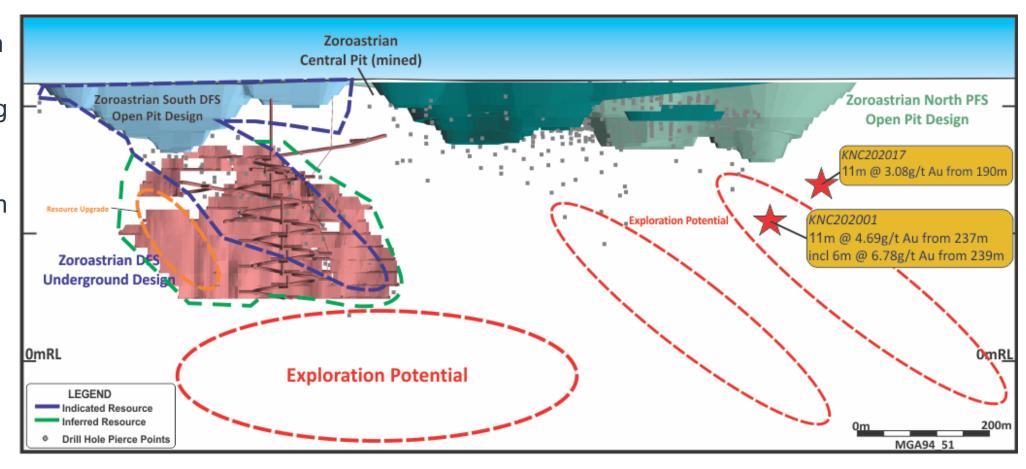




### **Zoroastrian UG Extensions**



- Multiple lode system
- Defined HG plunging trends for follow-up
- Deepest hole ~400m depth, mine design to 340m
- Drilling underway to target Resource and Reserve growth



Additional mine life generates significant economic upside to the project

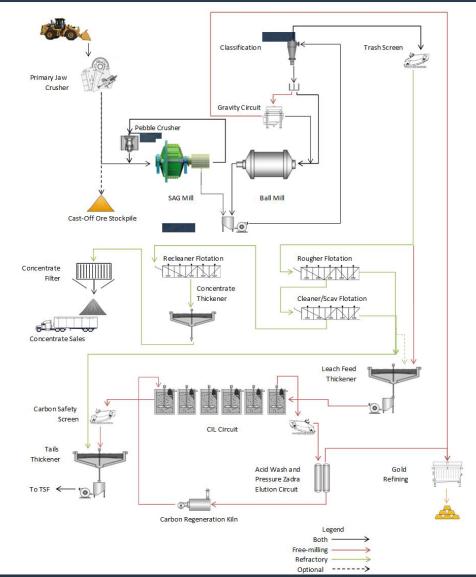
# **Processing Flowsheet**



- Conventional CIL and flotation plant
- Stage 1:
  - Primary Jaw
  - SAG and Ball Mill comminution circuit
- CIL tanks, Elution circuit and gold room

- Stage 2:
  - Flotation tanks
  - Concentrate dewatering circuit





### **Gold Concentrate**



- Binding Offtake Agreement with MRI Trading AG
  - o ∼54% of Bardoc's LOM production will be sold as gold concentrate:
  - First concentrate production year 3
- Why undertake offtake?
  - ✓ Lowers capex;
  - ✓ Lessens processing risk; and
  - ✓ Refractory ore from Aphrodite not large enough for a stand alone plant
- Australian operations currently conducting concentrate sales:
  - 1. Evolution Mining
  - 2. Mandalay Resources
  - 3. Aurelia Metals
  - 4. Silver Lake Resource

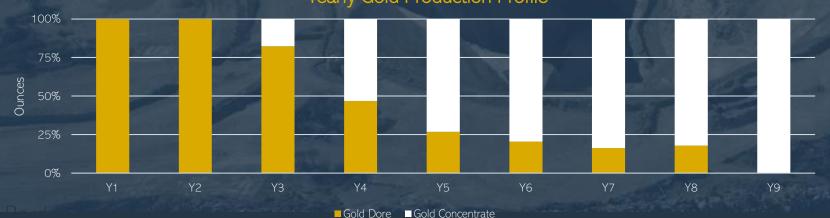
Mount Carlton, QLD (ASX: EVN)

Costerfield, VIC (TSX: MND)

Dargues Gold Mine, NSW (ASX:AMI)

Deflector Gold Mine, WA (ASX:SLR)

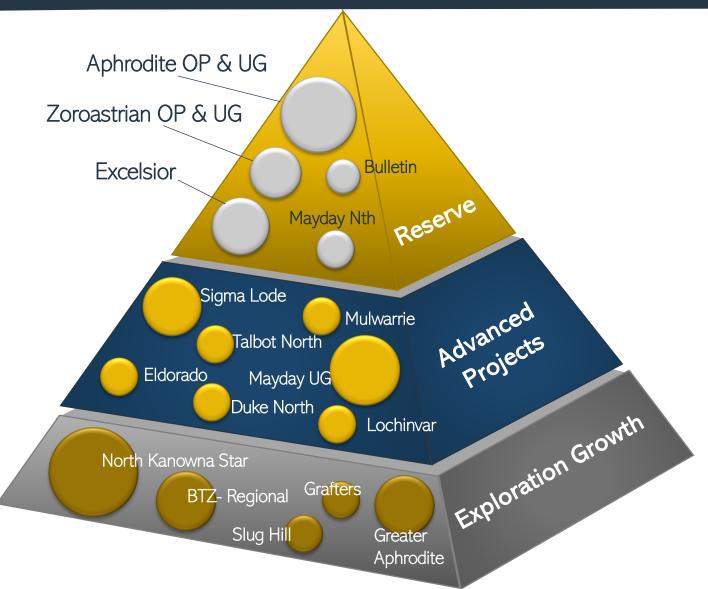
#### Yearly Gold Production Profile





# **Exploration – A Deep Pipeline of Opportunity**





- Exploration focused on building geological knowledge of the broader region to target areas with the potential for large resources
- Sigma Lode highlighting depth extensions with open pit and underground potential
- Large mineralised system at NKS with 13 resource targets for follow-up
- Bardoc Tectonic Zone has the potential to host significant new discoveries
- Mining studies underway on advanced resource projects

# **Project Development Timeline**

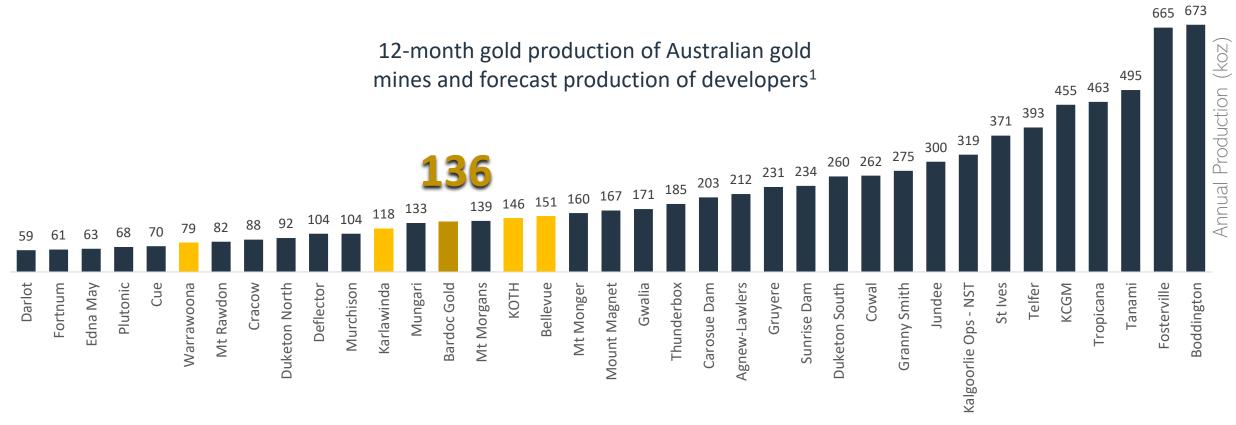


			2021			202	22	
		June	Sept	Dec	Mar	June	Sept	Dec
		Q2	Q3	Q4	Q1	Q2	Q3	Q4
ENVIRONMENTAL PERMITTING	Mining Proposal Submitted	✓						
LIVINOIVILLIVIAL PERIVITTING	Environmental Approval	<b> ∼</b>						
	Lender Engagement	✓						
FINANCING	Due Diligence							
	Credit Approval			<b>~</b>				
	Road & Rail Realignment							
CONSTRUCTION & MINING	Site Infrastructure Construction	<b> ∼</b>						
	Open Pit Mining Commencement		~					
	Processing Construction		<b> ~</b>					
	Project Commissioning							
	Gold Production							<b> ~</b>

# Bardoc – A Top-25 Australian Gold Mine



The Bardoc Gold Project will become one of the highest ounce producing projects in Australia



Source: Public company disclosures for 12 months ended 30 June 2020 Companies with material by-product credit removed for comparison purposes <sup>1</sup>Developers who have released PFS of Feasibility Studies with average LOM Production

# **Summary – Key Reasons To Invest**





#### TIER-1 MINING JURISDICTION

Strategic 250km<sup>2</sup> (and growing) land-holding ~40km north of Kalgoorlie



#### ROBUST DFS

Low cost per ounce operation, targeting commencement of mining in Q1 2022



### LARGE AND GROWING RESOURCE BASE

+3Moz Resource with three cornerstone deposits – Aphrodite, Zoroastrian and Excelsior – plus a growth pipeline of greenfields and brownfields projects



#### >1Moz MINING RESERVE

Significant opportunity to grow Mining Reserve and Resource from exploration



#### STRONG NEWS-FLOW

Drilling results, permitting, financing, construction



#### STRONG BOARD AND MANAGEMENT TEAM

Proven explorers, developers and operators, with high-quality technical teams





# Appendix A: Resource Table



BARDOC GOLD PROJECT: RESOURCES															
Deposit Type		Cut-Off	MEASURED		INDICATED			INFERRED		TOTAL RESOURCES			Origina ASX		
	(g/t Au)	Tonnes (,000t)	Grade (g/t Au)	Ounces (,000oz)	Report Date										
Aphrodite	OP	various	-	-	-	13,458	1.5	666	5,321	1.3	229	18,780	1.5	895	
Aphrodite	UG	1.7	-	-	-	4,156	3.7	497	2,571	3.3	271	6,726	3.6	768	
Aphrodite	TOTAL		-	-	-	17,614	2.1	1,163	7,892	2.0	500	25,506	2.0	1,663	
Zoroastrian	OP	0.3	-	-	-	3,987	1.8	231	1,918	1.5	90	5,904	1.7	321	22/5/18
Zoroastrian	UG	1.6	-	-	-	800	4.7	120	812	3.4	90	1,612	4.0	209	30/9/20
Zoroastrian	TOTAL		-	-	-	4,787	2.3	351	2,730	2.0	180	7,516	2.2	530	
Excelsior	OP	0.3	-	-	-	9,645	1.0	313	1,685	0.8	41	11,330	1.0	354	
Mayday North	OP	0.5	-	-	-	1,303	1.6	66	431	1.2	17	1,778	1.5	83	30/9/20
Talbot North	OP	0.4	-	-	-	698	1.8	40	123	1.8	7	820	1.8	47	30/9/19
Bulletin South	OP	0.4	152	2.2	11	546	2.1	36	150	2.1	10	849	2.1	57	30/9/19
Duke North	OP	0.4	-	-	-	851	1.0	28	795	1.0	25	1,646	1.0	53	30/9/19
Lochinvar	OP	0.4	-	-	-	423	1.8	24	57	1.6	3	480	1.7	27	19/2/14
El Dorado	OP	0.5	-	-	-	203	1.4	9	383	1.5	18	586	1.5	28	
El Dorado	UG	2.0	-	-	-	-	-	-	51	6.5	11	51	6.5	11	
El Dorado	TOTAL		-	-	-	203	1.4	9	434	2.1	29	637	1.9	39	30/9/20
North Kanowna Star	OP	0.5	-	-	-	157	1.6	8	559	1.3	24	716	1.4	32	9/9/19
South Castlereagh	OP	0.5	-	-	-	111	1.6	6	369	1.3	15	481	1.4	21	30/9/19
Mulwarrie	OP	0.5	-	-	-	-	-	-	881	2.8	79	881	2.8	79	13/11/1
Nerrin Nerrin	OP	0.5	-	-	-	-	-	-	651	1.3	26	651	1.3	26	30/9/19
Vettersburg South	OP	0.6	-	-	-	-	-	-	552	1.5	26	552	1.5	26	11/12/1
Windanya	OP	0.6	-	-	-	-	-	-	360	1.5	17	360	1.5	17	11/12/1
Grafters	OP	0.5	-	-	-	-	-	-	319	1.3	14	319	1.3	14	30/9/19
Ophir	OP	0.6	-	-	-	-	-	-	75	1.9	5	75	1.9	5	11/12/1
TOTAL RESO	URCES		152	2.3	11	36,338	1.7	2,044	18,063	1.8	1,018	54,597	1.8	3,073	

# Appendix B: Reserve Table



		PROBABLE		TOTAL				
PROJECT	Tonnes	Grade	Gold	Tonnes	Grade	Gold		
	(kt)	(g/t)	(koz)	(kt)	(g/t)	(koz)		
Excelsior OP	5,690	1.11	203	5,690	1.1	203		
Zoroastrian North OP	365	2.10	25	365	2.1	25		
Zoroastrian Central OP	276	1.78	16	276	1.8	16		
Zoroastrian South OP	417	1.80	24	417	1.8	24		
Bulletin South OP	561	1.95	35	561	2.0	35		
Aphrodite Stage 1 OP	1,050	1.82	61	1,050	1.8	61		
Aphrodite Stage 2 OP	2,916	1.80	168	2,916	1.8	168		
Mayday OP	622	1.62	32	622	1.6	32		
Zoroastrian UG	839	3.63	98	839	3.6	98		
Aphrodite UG	3,139	3.41	344	3,139	3.4	344		
TOTAL	15,874	2.0	1,007	15,874	2.0	1,007		

# Competent Person's Statement



#### **Exploration Results**

Information in this presentation that relates to exploration results and exploration targets is based on information compiled by Mr. Bradley Toms who is the Exploration Manager of Bardoc Gold Limited. Mr. Toms is a Member of The Australian Institute of Geoscientists and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity that he is undertaking, to qualify as Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr. Toms consents to the inclusion in the document of the information in the form and context in which it appears. Mr Toms has declared that he holds Shares and Performance Rights in Bardoc Gold Limited.

#### **Mineral Resources**

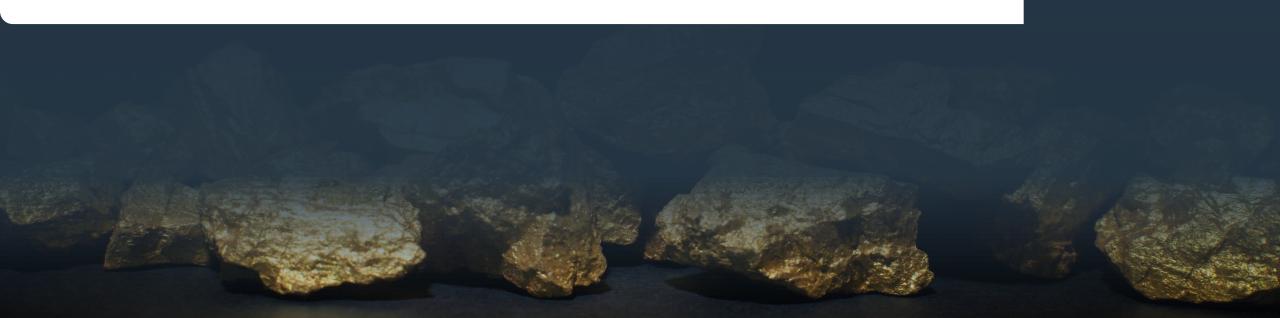
The Company confirms it is not aware of any new information or data that materially affects the information included in the 29<sup>th</sup> March 2021 Bardoc DFS Announcement which included an updated Resource Estimate and that all material assumptions and technical parameters underpinning the estimate continue to apply and have not materially changed when referring to its Resource Estimate.

#### Ore Reserves – Open Pit & Underground

The information referred to in this presentation has been extracted from the Definitive Feasibility Report and Ore Reserve Statement dated 29<sup>th</sup> March 2021 and available to view on www.bardocgold.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the Ore Reserves Statement and that all material assumptions and technical parameters underpinning the estimates in the Ore Reserves Statement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings presented have not been materially modified from the Ore Reserves Statement.

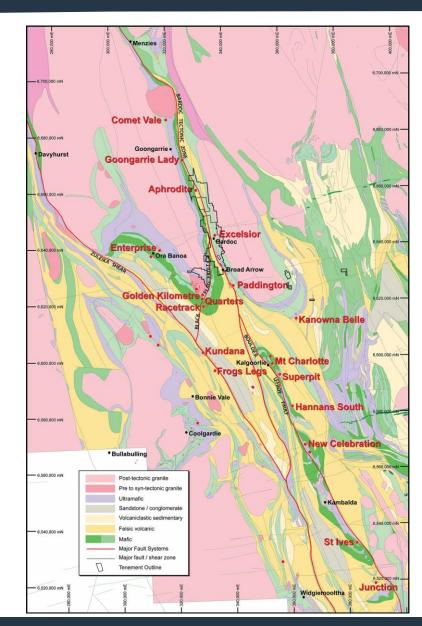


Appendix C: Exploration Update



# **Bardoc Tectonic Zone and Black Flag Fault**





BDC has the northern extension of the Boulder-Lefroy Fault (BLF). The BLF is called the Bardoc Tectonic Zone (BTZ) at Bardoc.

The BLF/BTZ is intimately associated with the regions significant long term deposits:

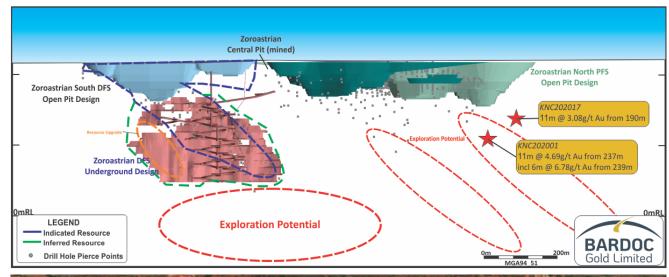
- St Ives
- New Celebration
- Golden Mile
- Mt Charlotte
- Paddington
- Zoroastrian-Excelsion
- Aphrodite

BDC also has the northern extension of the Black Flag Fault (BFF). The BFF is a major linking structure closely associated with major deposits:

- Kundana
- Mt Pleasant (includes Quarters and Racetrack)
- Wendy Gully

### **Zoroastrian/Excelsior – Blueys Lode**







Zoroastrian-Excelsior is a >1 Moz Au camp

Multiple lodes

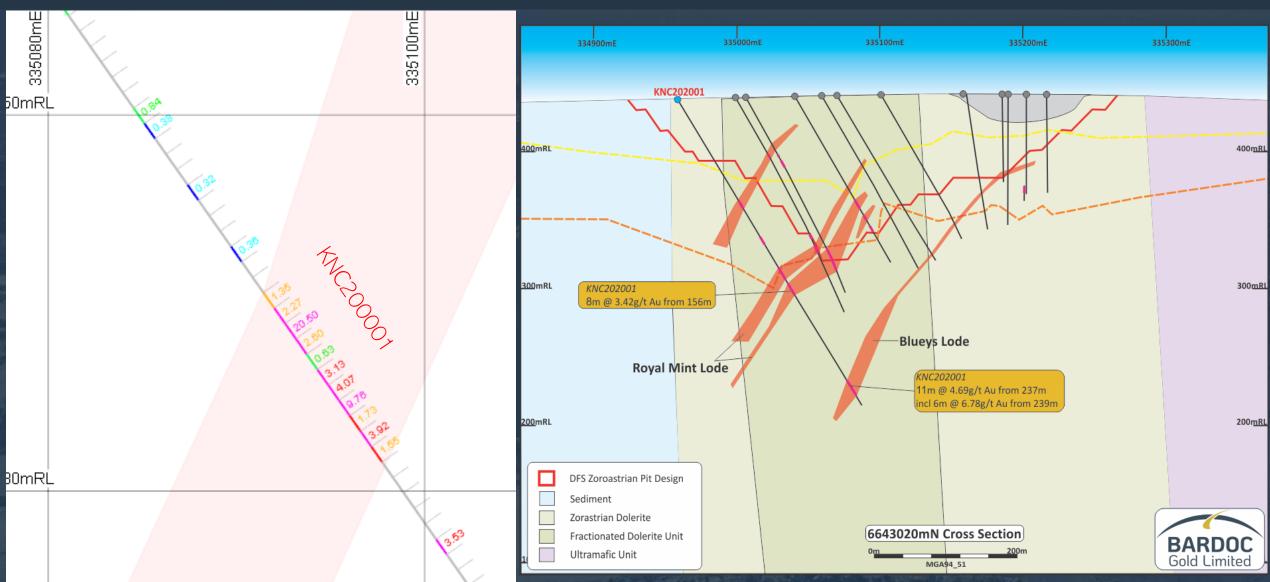
Untested at depth

Free milling in fresh rock

Untested potential between the 2 Deposits

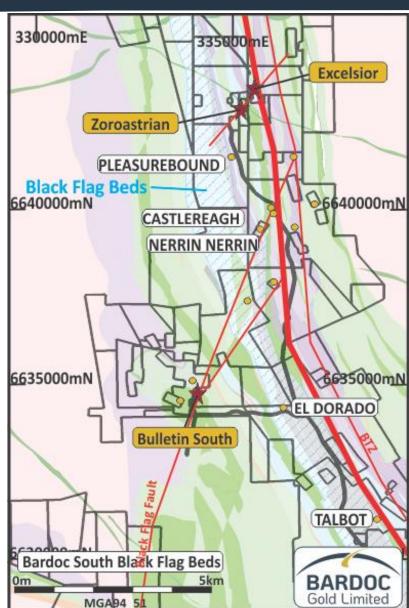
### **Zoroastrian/Excelsior – Blueys Lode**





# Bardoc Tectonic Zone – Long Term Growth

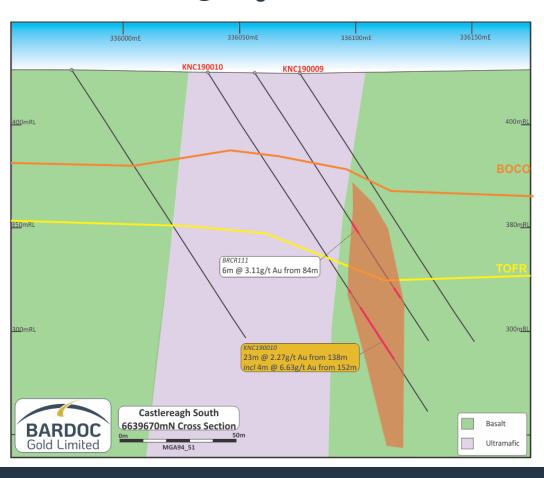




Numerous targets ready for growth to feed into the mine plan

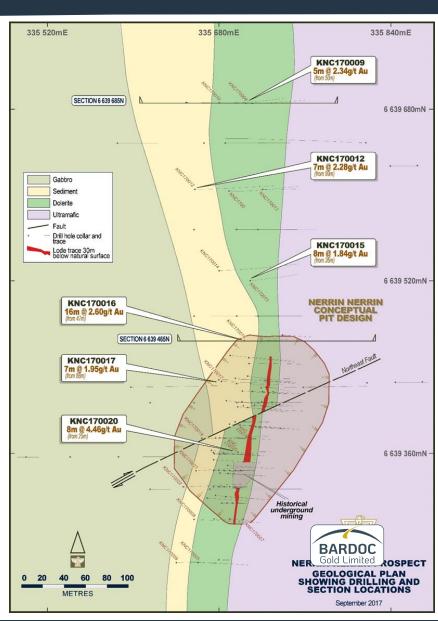
### **Castlereagh South**

Open at depth and along strike Resource 481kt @ 1.4g/t Au for 21koz Au



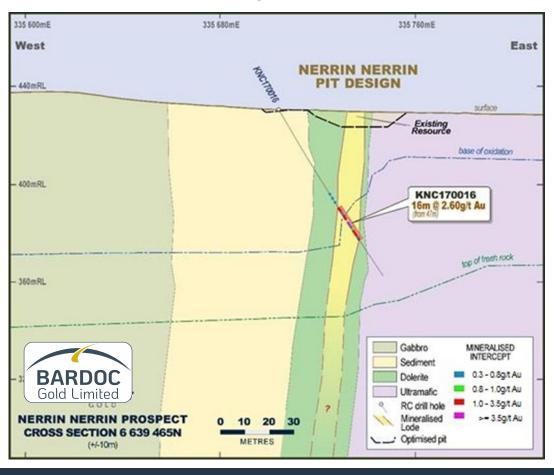
## **Bardoc Tectonic Zone – Long Term Growth**





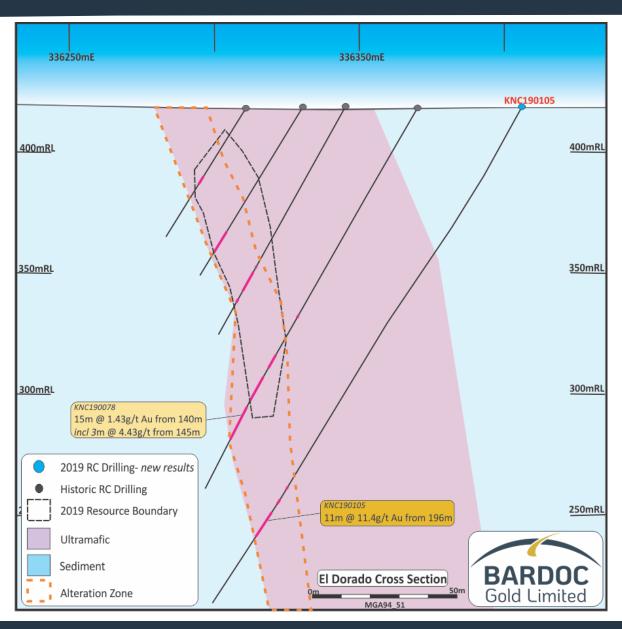
#### **Nerrin Nerrin**

Host is the fractionated Zoroastrian dolerite Open at depth and along strike Resource 650kt @ 1.3g/t Au for 26koz Au for



### **Bardoc Tectonic Zone – Long Term Growth**





#### **El Dorado**

Next to approved haul road

Open at depth and along strike

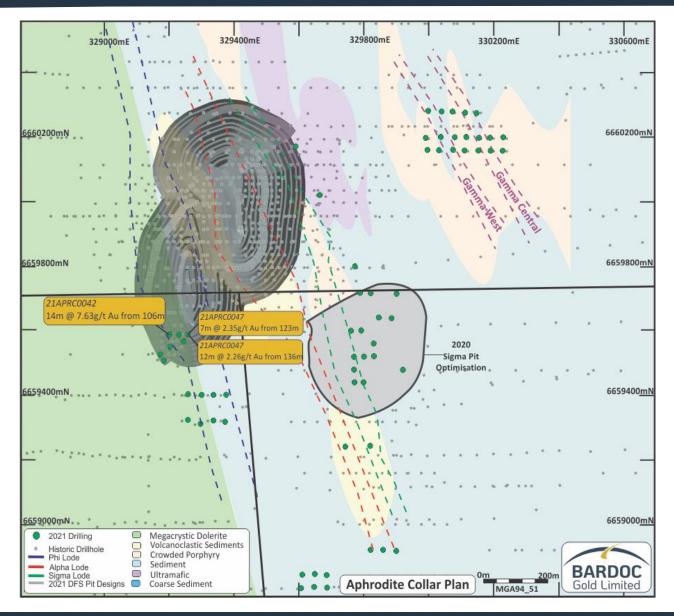
Resource

Open Pit 586kt @ 1.5g/t Au Underground 51kt @ 6.5g/t Au TOTAL 637kt @ 1.9g/t Au

28koz Au 11koz Au 39koz Au

# **Aphrodite – Underexplored – Poised for Growth**





### **Aphrodite**

Currently 1.6Moz, open along strike and at depth

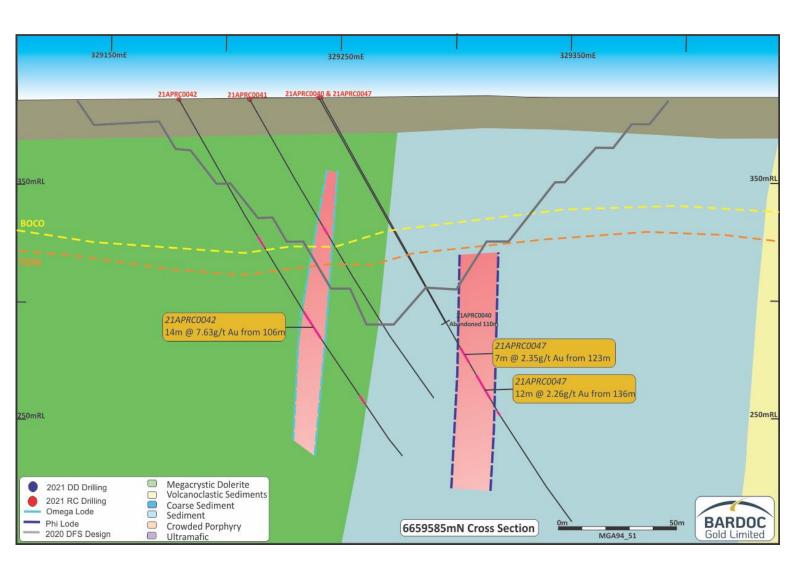
Lodes not yet included in resource:

- Omega
- Sigma
- Gamma
- Nth Meneleaus

Aphrodite depth potential DFS only looking at 2 Lodes, potential to mine more

## AQQ - Omega





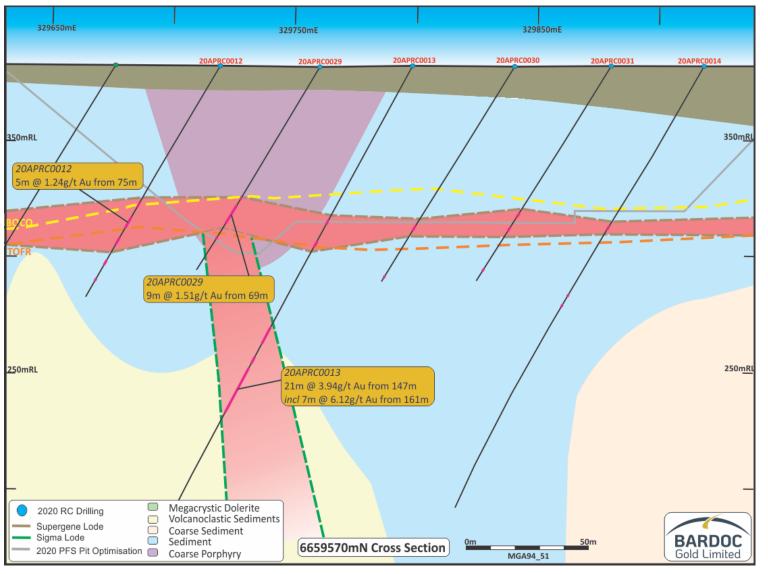
### AQQ - Omega Lode

Stunning intercepts at depth

- **14m @ 7.63g/t Au** from 106m in 21APRC0042
- 37m @ 6.21g/t Au from 90m including 13m @ 10.9g/t Au from 90m in 20APRC0006

## AQQ - Sigma





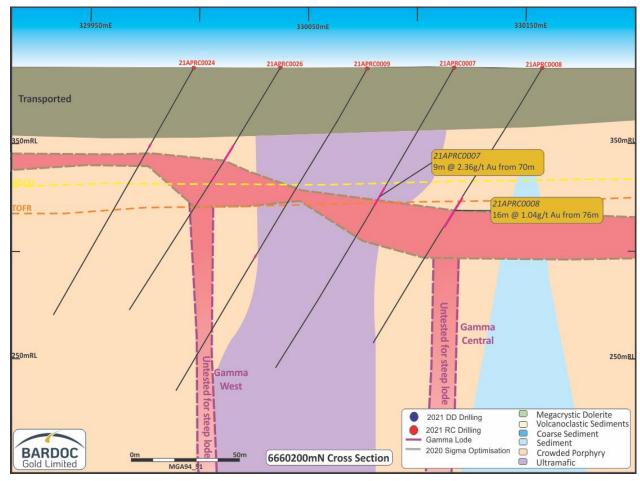
### AQQ – Sigma Lode

### Intercepts at depth

- **21m** @ **3.94g/t Au** from 147m including **7m** @ **6.12g/t Au** from 161m in 20APRC0013
- 7m @ 2.77g/t Au from 177m in 20APRC0015
- 8m @ 2.92g/t Au from 78m in 20APRC0024
- **15m** @ **1.49g/t** Au from 97m and 12m @ 1.02g/t Au from 120m in 21APRC0027
- **14m @ 1.07g/t Au** from 144m in 21APD0005
- **5m @ 17.7g/t Au** from 109m in 21APRC0019
- **15m @ 1.49g/t Au** from 97m in 21APRC0027
- **7.7m @ 2.98g/t Au** from 133.3m in 21APD0007

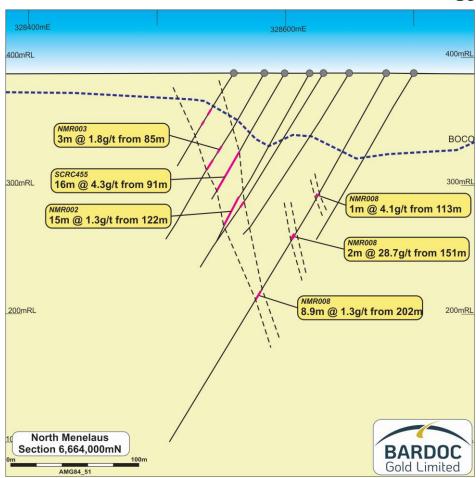
### **AQQ – Gamma & Nth Menelaus**





#### **AQQ - Gamma Lode**

Mot in resource model Alteration similar to Alpha Lode Deeper structures not tested



#### **AQQ** – North Menelaus

4km, along strike, from Aphrodite 16m @ 4.3g/t Au from 91m

# Approval for Release



### Approved for release by the CEO

For further information contact:

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