



Presentations to 2020 Annual General Meeting and webcast

Attached are the Chairman's address and the Managing Director and CEO's presentation to the 2020 Annual General Meeting being held today.

The meeting will be held via a live webcast at 11:00 am Melbourne time (UTC +11 hours). To participate in the meeting, visit <https://web.lumiagm.com/345974800>. The Meeting ID is 345-974-800.

For shareholders

Online registration will open one hour before the start of the meeting.

To register as a shareholder, visit <https://web.lumiagm.com/345974800> and select 'I have a login' and enter your username (SRN or HIN) and password (postcode for Australian residents and three-character country code for overseas residents). Shareholders are able to ask the Directors questions and submit votes during the meeting.

If you are an appointed proxy, you will need to contact Computershare Investor Services on +61 3 9415 4024 during the online registration period to receive your username and password.

For guests

Online registration will open one hour before the start of the meeting.

To register as a guest, visit <https://web.lumiagm.com/345974800> and select 'I am a guest' and enter your name and email address. Guests are unable to ask questions or vote at the meeting.

Instructions and assistance

For detailed instructions, visit www.stbarbara.com.au/agm.

If you require assistance prior to or during the meeting, please call +61 3 9415 4024.

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St Barbara Limited
2020 Annual General Meeting
Chairman's address to shareholders

INTRODUCTION

Good morning ladies and gentlemen and welcome to St Barbara's 2020 Annual General Meeting.

Thank you for joining us for our first virtual AGM. I really appreciate your interest in St Barbara.

I would like to recognise the traditional owners and First Nation People of the lands on which St Barbara operates in Australia, Canada and Papua New Guinea and pay my respects to Elders past, present and emerging.

The 2020 financial year has been like no other. I will address the ongoing challenge of COVID-19 shortly but first wish to highlight the important and positive changes to our business.

KEY HIGHLIGHTS

Of note, we welcomed Craig Jetson as our new Managing Director and CEO mid-way through the financial year. Craig brings strong credentials in operational focus, along with an authentic passion for people and preserving and enhancing our values-led culture. He has, in a short space of time, made a visible difference and positive contribution to our business – which I look forward to elaborating on shortly. Please join me in welcoming Craig to his inaugural St Barbara AGM.

In December 2019, Bob Vassie announced his retirement as Managing Director and CEO of St Barbara and stepped down in February 2020. Bob led St Barbara for over five years, having joined in July 2014. Bob led our company through its stabilisation and recovery phase and then through various developments, culminating in the Atlantic Gold acquisition. On behalf of the Board, I thank Bob for his leadership and tireless contribution. During his tenure we restored the Company's balance sheet and established a platform for growth. Craig is now capably leading us forward through our next exciting phase.

This time last year we were the new owners of the Atlantic Gold Operations in Nova Scotia, Canada. Through this acquisition, St Barbara became a truly global gold company. Atlantic Gold has made a significant contribution to our business this year and has opened up further opportunities for St Barbara in North America.

The transaction, which was successfully completed in July 2019, has afforded us a secure foothold in another key gold mining jurisdiction of the world. It has established St Barbara as a global gold company with assets in Australia, Papua New Guinea and Canada.

Providing good geographical and production diversification, Atlantic Gold has proven to be an excellent addition to our suite of assets, as underlined by its contribution to our FY20 production suite.

HEALTH (COVID-19) AND SAFETY

I am very pleased to report that during the year in review, our overall safety performance improved. St Barbara's Total Recordable Injury Frequency Rate stood at 3.0 for the 2020 financial year, which is significantly better than many of our industry peers.

Building on our long-standing values, we have launched five business commitments that guide how we operate our business and care for our people. The first of these commitments is Safety Always, with Zero Harm as our target. This means Zero Harm to all people as we responsibly operate our assets to their full potential. This focus on safety guides everything that we do.

The 2020 financial year has also been characterised by COVID-19; a pandemic that continues to present the world with significant challenges, which we have been able to satisfactorily manage to preserve our people and our business.

Our response to COVID-19 was the first item on Craig's agenda when he started at St Barbara in February. In fact, the pandemic struck our operating jurisdictions literally a few weeks after his commencement date with us. It is a challenge that both he and the leadership team are capably meeting. While we, like most other companies, have experienced disruption to our working habits and practices and have had to rapidly make changes to ensure the safety and wellbeing of our employees and communities, our robust governance and risk management practices have served us well.

Our response was swift and continues to be proactive. It is a credit to our people that we have been able to maintain production through the difficult circumstances of COVID-19; while also and, most importantly, keeping our employees and our communities safe and in good health. This remains our top priority.

FY20 FINANCIAL PERFORMANCE

Turning to the Company's financial performance, St Barbara has a strong balance sheet reflecting our disciplined culture of prudent cash management.

The Company ended the financial year in a healthy position, with A\$406 million of cash and debt of A\$307 million, of which we repaid A\$200 million on 30 July 2020. We drew down on this debt in March 2020 as a precautionary measure against the potential impact of COVID-19. I am pleased to confirm that we did not seek or receive any government support in relation to COVID-19, nor did we need to reduce our workforce or reduce salaries.

We maintained a total fully franked dividend of A\$0.08 cents per share for the 2020 financial year, consistent with previous years. The final dividend of \$0.04 cents per share was paid on 29 September 2020.

OPERATIONAL PERFORMANCE

This brings me to our operations: Atlantic Gold, Leonora Operations and Simberi.

As I've already mentioned, Atlantic Gold is making a significant contribution to St Barbara with a record full year production from the Touquoy mine. Craig will talk to the production specifics of each asset.

In July 2020, we announced we'd reached agreement with Moose River Resources Inc (MRRI) to purchase its interest in the Touquoy mine. This transaction was concluded in September 2020. St Barbara now owns 100% of the Touquoy Mine and surrounding exploration tenements. With full control of the business, we intend to significantly further improve operational efficiencies in order to realise the full potential of this valuable asset.

Our Gwalia mine is one of Australia's oldest and deepest underground gold mines, established in 1896. It was therefore exciting to this year mark St Barbara's 15 years of ownership of Leonora Operations. We respect the legacy of this remarkable asset, while also working hard to manage the technical challenges of a mature operation. It was therefore pleasing for Craig and his leadership team to deliver

a strong fourth quarter of the 2020 financial year – with the mill achieving its highest throughput since 2014.

I recently visited Leonora Operations – from my home here in Perth – and was encouraged by the focus of the management team. Craig will take you through some of the changes we’ve made across our business, which include a strong focus on the opportunities presented by Leonora and what our new ‘Building Brilliance’ program at St Barbara is all about.

Turning to Simberi, in Papua New Guinea. The first thing I’d like to say about the Simberi Operations and its team is what a remarkable job they are all doing in very capably maintaining operations despite the challenges of longer rosters, quarantine times for both our expatriate and local employees and also working closely with the community to keep people safe and well during COVID-19.

In 2020, the Board was pleased to approve the advancement of the Simberi sulphide project to the next stage, namely the completion of the Feasibility Study by the end of this calendar year. We expect to make the relevant investment decision during the March quarter, 2021.

If the sulphide project does proceed, it will allow us to continue our Simberi Operations for some years to come. In addition to enhancing shareholder wealth, this investment will enable us to continue making a real difference to the social outcomes in the New Ireland province of PNG, which is home to the Simberi Operations.

SUSTAINABILITY

This year we published, for the first time, a new-look Sustainability Story that introduced our expanded annual Sustainability Report. Our approach to sustainability is guided by our five business-wide commitments that I mentioned earlier.

In addition to safety always, we provide a caring workplace where our people feel safe and can fulfil their potential. We also strive to help our communities thrive, grow and prosper. With our care for the environment and focus on growing sustainably, we can add value for all stakeholders and leave a legacy that we are proud of. At St Barbara, doing the right thing genuinely matters to all of us.

With a holistic approach to safety, acting as a champion for inclusion and diversity, our commitment to enriching and strengthening local communities and our care for the environment – we are proudly an employer of choice.

One of our core values is that we treat people with respect. We are a diverse and inclusive employer, committed to providing opportunity for equal employment. St Barbara is the only Australian mining company to be recognised as an Employer of Choice for Gender Equality by the Workplace Gender Equality Agency (WGEA). We received this citation again in 2020, for the sixth consecutive year.

During the year in review, we achieved some key gender diversity outcomes. Importantly, we increased the number of women in the Simberi workforce to 15% by upskilling women in truck, dozer and digger operator roles. We do not have gender pay gaps for like-for-like roles across the St Barbara Group.

As Chairman, I am proud to report that we continue to exceed the average percentage of women on ASX200 Boards, with our 33% representation. We are also closer to achieving our goal for the proportion of women employed in our Australian operations. This goal is supported by the fact that, for the last 11 years, 100% of our female Australian employees have returned to work after parental leave.

We are also establishing new objectives with regard to the proportion of both women and First Nation employees at our Atlantic Gold Operations and I look forward to articulating and progressing both in the coming year.

At St Barbara, we endorse the Carbon Disclosure Project, the United Nations Global Compact and the Extractive Industries Transparency Initiative. Of note - we have set ourselves a target of being carbon neutral by 2050.

St Barbara has a strong track record in production emission efficiency. This stems from an early adoption of gas power generation and the innovative use of cogeneration through our rope conveyor in Papua New Guinea and an absorption chiller at our Leonora Operations. Atlantic Gold is playing a leading role in these efforts, having already commenced testing of scalable salt water battery technology that, with wind turbines, will be the basis for a proposed renewable energy strategy for the Group.

IN CLOSING

As a diverse, global gold mining company, we are well positioned to deliver sustainable shareholder returns over a wide range of potential gold prices. Our conservative financial management, coupled with our relentless cost focus keep us robust in downside price scenarios, while our growth projects will enable us to benefit from projected higher prices. With an extremely competent leadership team in place, the Board and I are optimistic about the future of St Barbara.

I extend my thanks to my fellow Board members – David, Kerry, Stef, Steven and Craig - for their valued contribution, particularly during the past volatile year. I have come to rely on each of you, particularly in your areas of expertise and whenever I have asked a director to step up to the plate, this has been done willingly and tirelessly. We are a diverse Board in terms of background, experience and gender and I see this come through in the diversity of thought in our deliberations, leading to high quality decision making. I am confident that this delivers the best outcomes for St Barbara.

Our company has a bright future. We are here to create value in everything we do, for our people, our communities and our shareholders. We will continue to grow sustainably and create enduring, positive impacts.

Thank you for your continued support.

Annual General Meeting 2020

28 October 2020



Craig Jetson

Managing Director and CEO



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The Company estimates its reserves and resources in accordance with the Australasian Code for Reporting of Identified Mineral Resources and Ore Reserves 2012 Edition ("JORC Code"), which governs such disclosures by companies listed on the Australian Securities Exchange.

Non-IFRS financial information: We supplement our financial information reporting determined under International Financial Reporting Standards ("IFRS") with certain non-IFRS financial measures, including cash operating costs. Details of these are set out in the Supplement.

Financial figures are in Australian dollars unless otherwise noted. Financial year is 1 July to 30 June. This presentation is not audited.

Unless otherwise noted, information in this report that relates to Mineral Resources or Ore Reserves is extracted from the report titled 'Ore Reserves and Mineral Resources Statements 30 June 2020' released to the ASX on 24 August 2020. Full details of recent exploration results in ASX release 21 October 2020 '*Q1 September FY21 Quarterly Report*'.

Australian Securities Exchange (ASX) Listing code "SBM"
American Depositary Receipts (ADR OTC code "STBMY") through BNY Mellon,
www.adrbnymellon.com/dr_profile.jsp?cusip=852278100

Title slide picture: Leonora Operations, Western Australia
Published: 28 October 2020



Contents

Company vision and purpose

Our commitments

FY20 performance

Building Brilliance

Looking ahead



St Barbara

We're here to create value in everything we do, for our people, our communities and our shareholders

Our vision is to be a brilliant, global mining company that grows sustainably and creates enduring, positive impacts.

We are guided by our five commitments and our values-led culture



**SAFETY
ALWAYS**



**EMPOWERED PEOPLE
DIVERSE TEAMS**



**STRONGER
COMMUNITIES**



**RESPECTING THE
ENVIRONMENT**



**GROWING
SUSTAINABLY**

Our values



We act with
honesty and
integrity



We treat
people with
respect



We value
working
together



We deliver
to promise



We strive
to do better

Our focus on safety guides everything we do



SAFETY ALWAYS

Zero harm is always our target. Zero harm to all people as we responsibly operate our assets to their full potential. This focus on safety guides everything we do.

How our sustainability initiatives map to the United Nations Sustainable Development Goals



2020 HIGHLIGHTS

40%
improvement in TRIFIR

3
months injury free

Overall TRIFIR¹ down from 5.0 in 2019 to 3.0 in 2020, ahead of the mining industry average²

Regular Gender Smart Safety Audits conducted to recognise and respond to the needs of women

No COVID-19 cases detected at sites, however risk remains and vigilance is being maintained

SBM COVID-19 Management Framework



1. Total Recordable Injury Frequency Rate (12 month avg.), total recordable injuries per million hours worked)
2. According to the latest report from Safe Work Australia FY18

We are at the forefront of inclusion and diversity in the minerals industry



EMPOWERED PEOPLE DIVERSE TEAMS

We are an employer of choice committed to inclusion and diversity. We provide a caring work environment where our talented people are happy, thrive, feel safe and can fulfil their potential.

How our sustainability initiatives map to the United Nations Sustainable Development Goals



2020 HIGHLIGHTS

71%

favourable engagement response in employee engagement survey

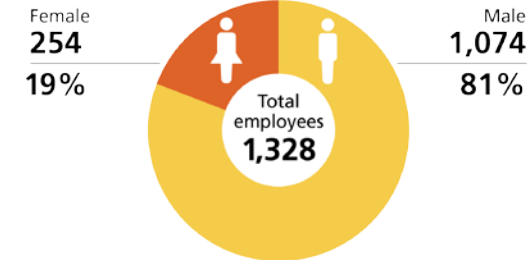
Employer of Choice for Gender Equality (WGEA)

6

years running



Employee numbers and gender breakdown



Women across our Australian workforce increased to 26%

Women in our PNG workforce now 15%, achieving 3-year target

33% of Directors are women¹

Nil gender pay gap in 'like-for-like' roles²

WGEA³ Pay-Equity Ambassador Appointment – Craig Jetson, Managing Director & CEO

2019 Mining Journal Awards (runner-up) **'Gender Diversity Leader'**

PNG Business Coalition for Women – maintaining active membership

1. Compared to 26.8% nationally, WGEA Australia's gender equality scorecard Nov 2019, www.wgea.gov.au/sites/default/files/documents/2018-19-Gender-Equality-Scorecard.pdf
2. Refer St Barbara Corporate Governance Statement for details, www.stbarbara.com.au/about_us/governance
3. Australian Workplace Gender Equality Agency, www.wgea.gov.au/

Enriching and strengthening our local communities



STRONGER COMMUNITIES

We strive to help our communities thrive, grow and prosper. We build meaningful relationships, investing time and energy to ensure local communities are enriched by being our neighbours.

How our sustainability initiatives map to the United Nations Sustainable Development Goals



2020 HIGHLIGHTS

Engaging with
traditional owners

Building local businesses
and employment

We strive to help our communities thrive, grow and prosper. We build meaningful relationships, investing time and energy to ensure local communities are enriched by being our neighbours.

Modern Slavery Policy: we have a progressive action plan to address the risks of modern slavery.

2020 Sustainability Story:

Supporting the next generation of indigenous leaders

Addressing domestic violence in PNG

Building cultural awareness and community relationships



We care about the environment and planet We've committed to carbon neutrality by 2050



RESPECTING THE ENVIRONMENT

We are committed to caring for the environment.

We think differently to find solutions to actively manage and neutralise our impact; because we care about the environment and our planet.

How our sustainability initiatives map to the United Nations Sustainable Development Goals



2020 HIGHLIGHTS

New climate change targets: meeting our obligations for Paris 2015

Ongoing record of no long-term harm and no widespread impact

Innovative solutions to reducing our environmental impact

Atlantic Gold leading the effort with **scalable salt-water battery technology**

Absorption chiller at Gwalia runs on waste heat, reducing energy consumption and emissions

Australian Council of Superannuation Investors (ACSI) rated us as 'Leading' in the materials sector for ESG reporting

Rated in the 2nd quintile in Macquarie's 2019 Environmental Social Governance (ESG) Ratings Survey

Leonora received **Gold WaterWise Business Award** for second time

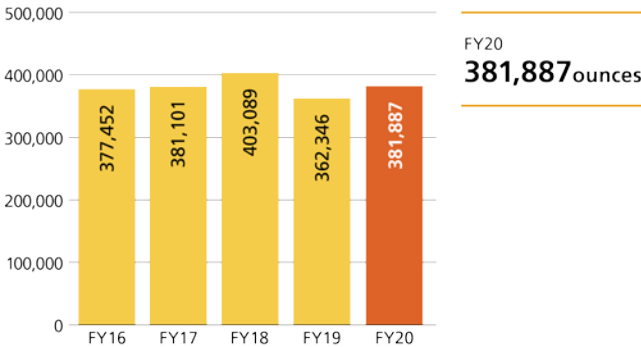
We have shown solid performance in FY20
with a healthy growth pipeline ahead



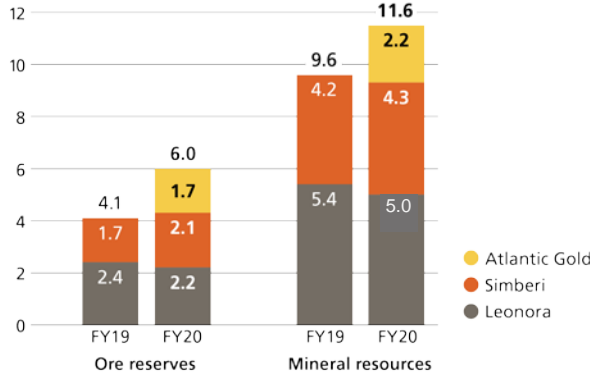
GROWING
SUSTAINABLY

Growing our business sustainably, where it makes sense, and with strong governance practices, means we can add value for everyone: our shareholders, our people and our communities.

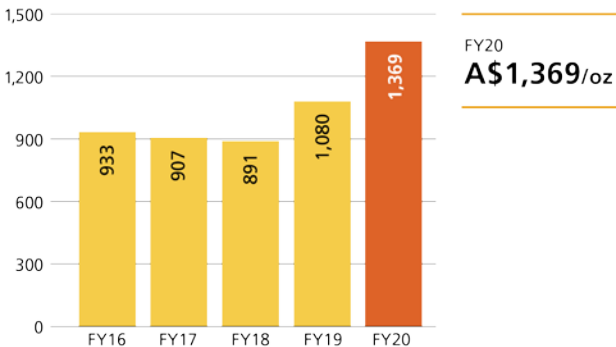
Gold production (ounces)



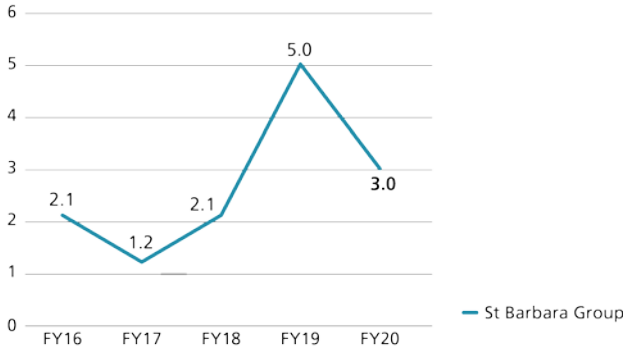
Ore reserves and mineral resources (Moz)



All-in sustaining cost (A\$/oz)



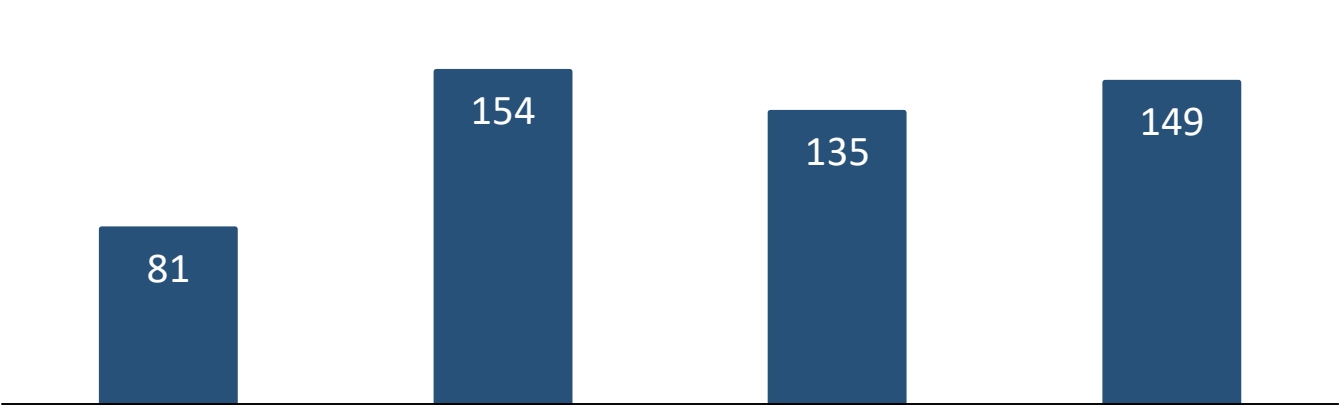
Total recordable injury frequency rate



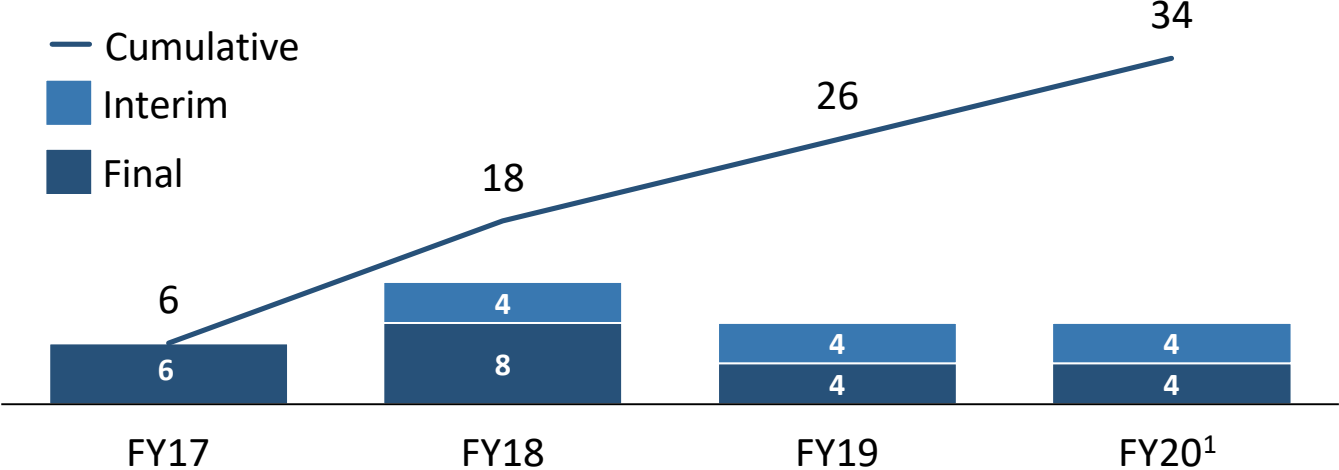
Maintained returns to shareholders since recommencing dividends in FY17



Dividends
per ounce
produced
(A\$/oz)¹



Dividends
paid (cps)



Fully franked final
dividend of A\$0.04 per
share paid
29 September 2020

Dividend represents
A\$149 per ounce of gold
produced¹

Cumulative dividend
payments of A\$0.34 per
share (or A\$198 M) since
FY17

Dividend yield of 2.4%²

1. Gross dividends paid ÷ gold production in ounces
(attributable to St Barbara)
2. Annual dividend yield is a Non IFRS measure. Calculated as
(interim plus final dividend) ÷ share price at date final
dividend announced

Our global operations



Tim Netscher, Non-Executive Chairman, David Moroney, Non-Executive Director
Gwalia site visit with Jason Morin, GM Leonora Operations, September 2020





2020 HIGHLIGHTS

FY20 gold production

107_{koz}

FY20 All-in sustaining cost*

A\$927_{/oz}

319

employees

Workforce composition

20%

Female

80%

Male

Safety performance: TRIFR

4.4

* 19 July 2019 to 30 June 2020

Record FY20 performance at Touquoy

FY20 cash contribution A\$120 M

Work continues on streamlining permitting and regulations required to deliver the suite of Atlantic Gold projects

Assuming full control of the business, through the acquisition of MRRI, will deliver future operational efficiencies

Leonora Operations continues to generate significant cashflow



2020 HIGHLIGHTS

FY20 gold production

171_{koz}

FY20 All-in sustaining cost

A\$1,485_{/oz}

188

employees plus 468 contractors

Workforce composition

17%

Female

83%

Male

3%

Aboriginal heritage

Safety performance: TRIFR

6.8 (2019: 11.0)

Prioritise development in H1 FY21 to allow for more operational areas to support greater production rates in the medium term

FY21 production profile updated after a fall of ground led to a production shortfall in Q1

Gwalia vent system now allows for **sustained operations at greater depth** given the completion of the final vent shaft in August 2020

Underground future-ready with new equipment and utilising remote communications

Simberi Operations pursuing sulphide project feasibility study



2020 HIGHLIGHTS

FY20 gold production

104_{koz}

FY20 All-in sustaining cost

A\$1,631_{/oz}

747

employees plus 428 contractors

Workforce composition

16%	84%
Female	Male

<5%

of the workforce made up of expats

Safety performance: TRIFR

0.7_(2019: 1.7)

Average quarterly cash contribution since FY18 of A\$23 M

Sulphide feasibility study due December 2020 and Environmental and Social Impact Assessment due March 2021

Decision on sulphides due March quarter FY21 with a one-year permitting and two-year construction window

Current mine plan anticipates **processing oxides through to FY24**

Global exploration focus across Australia, Canada and PNG

2020 HIGHLIGHTS

Exploration teams based at Gwalia mine, Touquoy mine, Simberi mine and Perth for regional Australian projects.

1,000 (Diamond, RC and Aircore) holes drilled for 87,000 metres completed testing

61 targets

95 employees plus 44 contractors

Workforce composition

15%	85%
Female	Male

Safety performance: TRIFR

2.8



FY21F investment

\$30 - \$35 M

Australia:

A\$8 - \$9 M Gwalia near mine & regional

A\$10 - \$11 M Pinjin, Back Creek and JVs

Canada:

A\$10 - \$12 M

PNG:

A\$2 - \$3 M

We have set our strategy to take our business forward



Zero Harm

- Operate safely and sustainably



Employer of choice

- Empowered people and diverse teams



Realise our potential

- Operate our assets with excellence



Deliver major projects

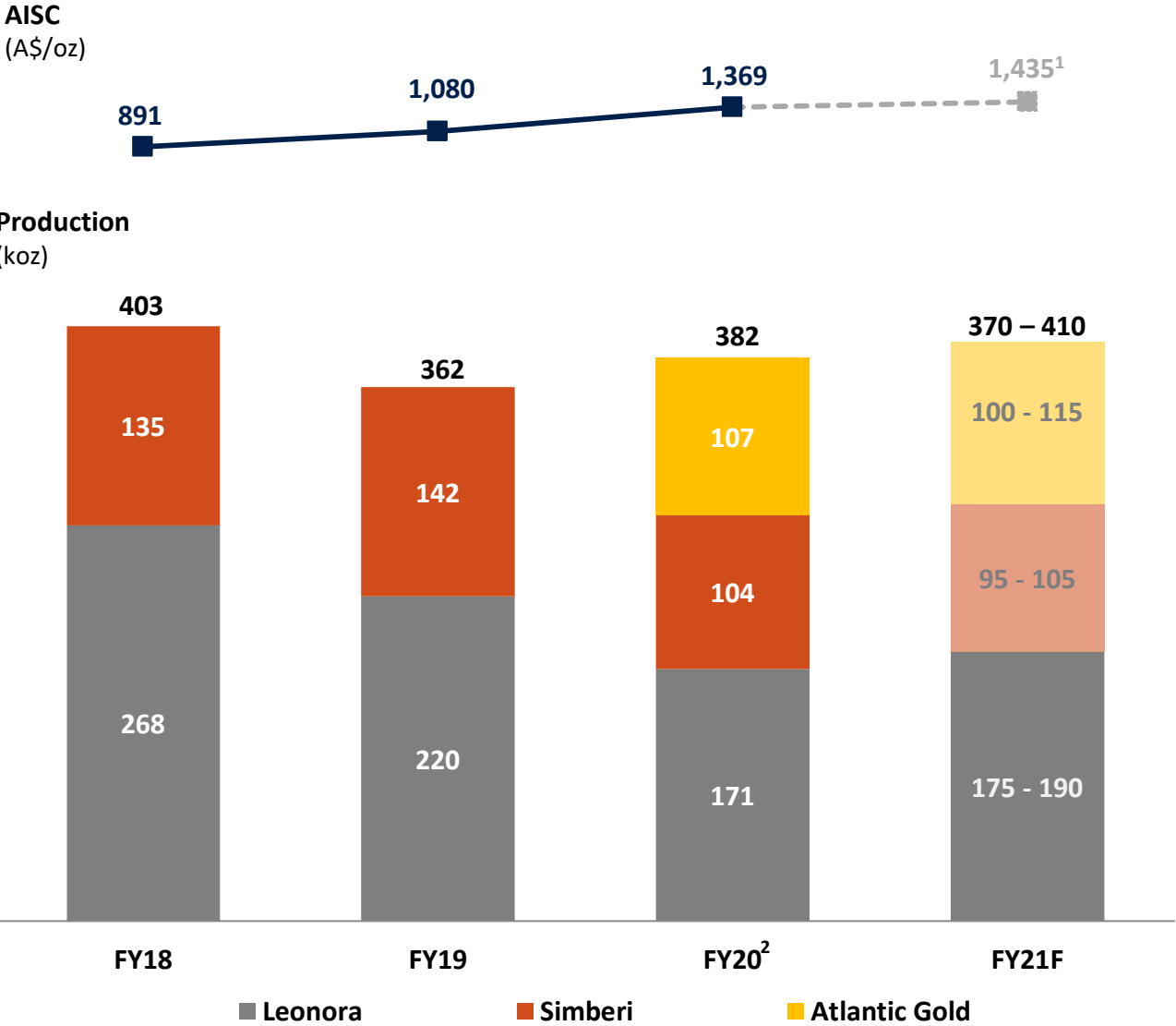
- Disciplined project management and execution



Exploration and M&A

- Deliberate and value-accretive growth

We are forecasting sustained performance in FY21 across our assets



Atlantic Gold

FY20 saw high ore production tonnages at Touquoy while permitting on expansion projects progress

Leonora

Delivered FY20 guidance on back of record setting Q4 performance

Simberi

FY20 production robust despite lower grades

1. Midpoint of FY21F all-in sustaining cost guidance of A\$1,360 to A\$1,510 per ounce
 2. Atlantic Gold production from 1 July 2019, includes 4,362 ounces produced by Atlantic Gold prior to acquisition

Building Brilliance is an integrated company transformation that will create sustainable value in everything we do, for our people, our communities and our shareholders.

- This is the first step towards our vision to be a brilliant, global mining company that grows sustainably and creates enduring, positive impacts
- Through Building Brilliance, we are identifying opportunities to lift performance by increasing productivity, reducing costs and ultimately lifting the value we deliver
- It encompasses all aspects of our operations and capital projects; supported by an operating model that prioritises technical expertise and embeds business improvement, with significant front-line engagement to rethink our core processes and capabilities
- We are instilling a performance-led culture that continues to prioritise safety and people's wellbeing, stays true to our values and enables us to operate safely and sustainably

Our entire organisation has been empowered to seek out the opportunities, solve historical challenges and deliver improvements to achieve success.

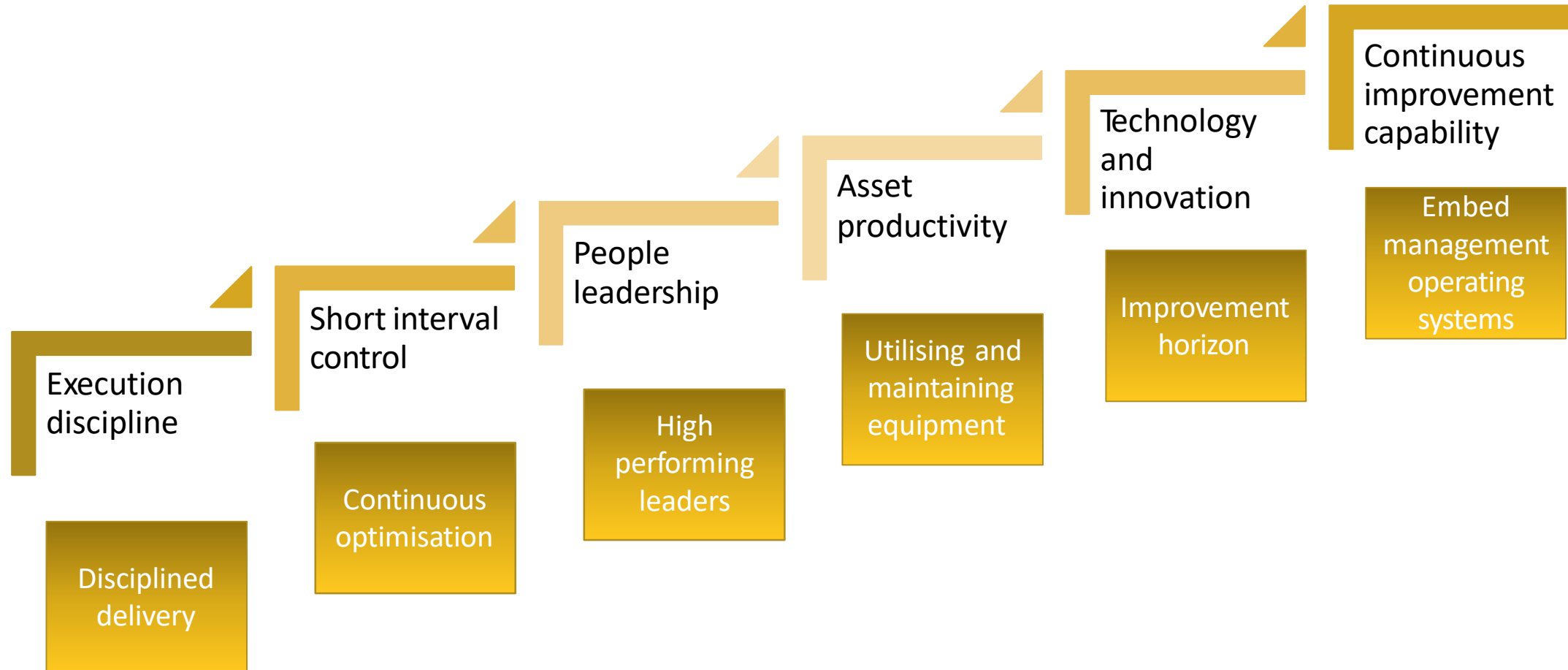
Building Brilliance

The first step in our new strategy

- As a growing gold company with a global outlook, we are focused on creating value in everything we do
- Growing our business sustainably is one of our five company commitments
- Each of our three assets has unique opportunities
- Adopting an owner's mindset, we're solving historical challenges and resolving constraints to take our business to the next level
- We are currently identifying and prioritising a range of productivity improvements and cost savings



The six capability pillars of Building Brilliance



The year ahead

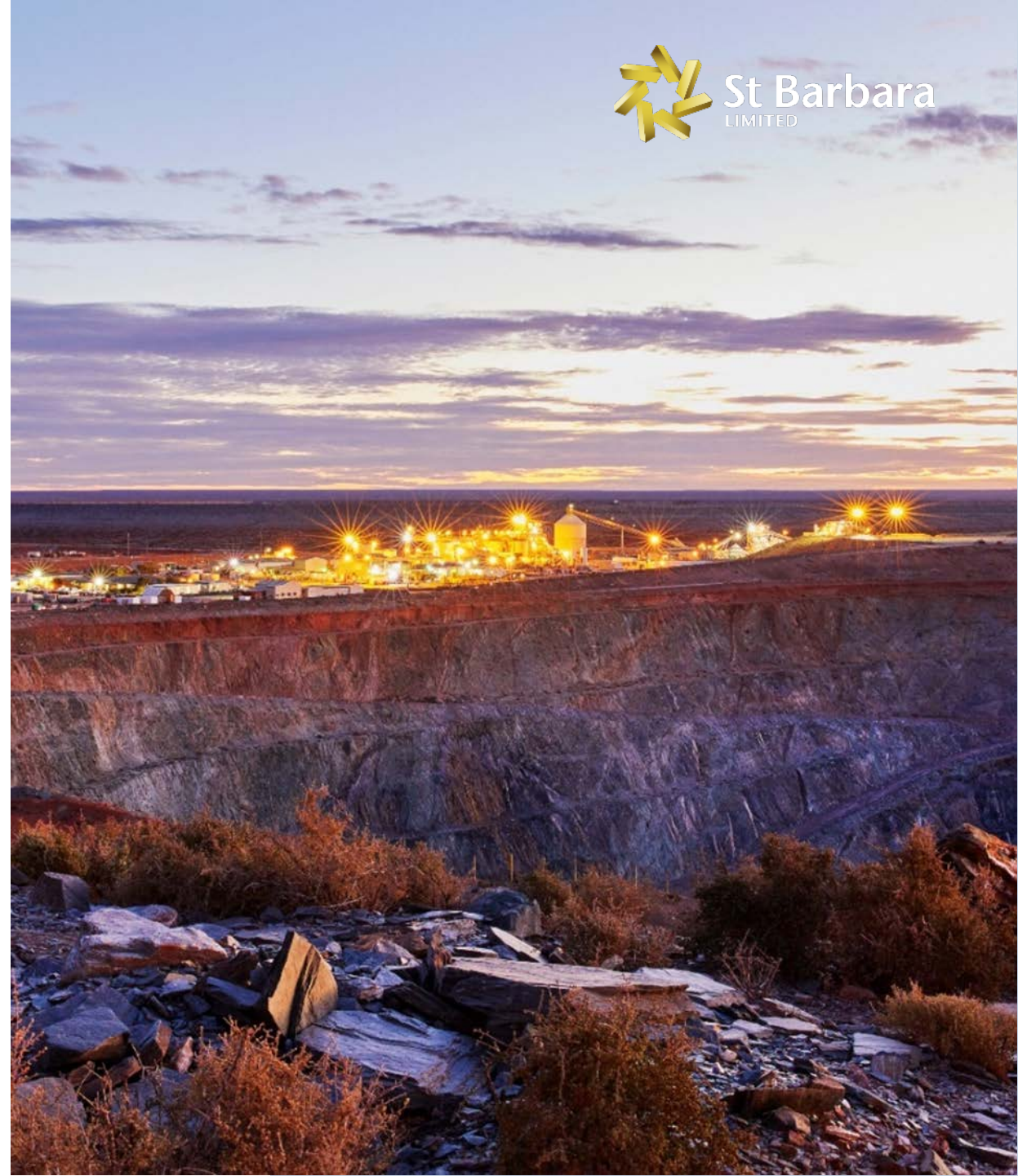
Building Brilliance will deliver improved productivity, reduced costs and ultimately lifting the value we deliver to our shareholders, our people and our communities

Each of our three assets has unique growth opportunities that will be progressed in FY21:

Atlantic Gold: optimising our project pipeline

Gwalia: delivering to plan and identifying opportunities through exploration

Simberi: finalising the sulphide project feasibility study



We're building brilliance together.

Supplement



Consolidated production, costs and guidance summary



Production Summary Consolidated		Q1 Sep FY20 AG full qtr	Q2 Dec FY20	Q3 Mar FY20	Q4 Jun FY20	Year FY20	Q1 Sep FY21	Guidance FY21
<i>St Barbara's financial year is 1 July to 30 June</i>		<i>Qtr to 30 Sep 2019</i>	<i>Qtr to 31 Dec 2019</i>	<i>Qtr to 31 Mar 2020</i>	<i>Qtr to 30 Jun 2020</i>	<i>Year to 30 June 2020</i>	<i>Qtr to 30 Sep 2020</i>	<i>Year to 30 June 2021</i>
<u>Production</u>								
Atlantic ¹	oz	22,355	29,067	26,032	29,209	106,663	27,226	100 to 115 koz
Gwalia	oz	38,153	42,022	39,684	51,297	171,156	22,625	175 to 190 koz
Simberi	oz	27,061	23,070	25,831	28,106	104,068	23,139	95 to 105 koz
Consolidated	oz	87,569	94,159	91,547	108,612	381,887	72,990	370 to 410 koz
<u>Mined Grade</u>								<u>Milled grade</u>
Atlantic	g/t	0.86	1.02	0.91	0.88	0.93	0.95	1.33
Gwalia	g/t	7.8	8.0	8.1	7.0	7.7	8.1	8.3
Simberi	g/t	1.09	1.03	1.05	1.07	1.06	1.19	1.25
<u>Total Cash Operating Costs</u>								
Atlantic	A\$/oz	747	669	773	675	713	669	n/a
Gwalia	A\$/oz	1,124	1,016	1,117	1,041	1,071	1,560	n/a
Simberi	A\$/oz	1,440	1,704	1,459	1,360	1,482	1,481	n/a
Consolidated	A\$/oz	1,125	1,077	1,116	1,025	1,083	1,203	n/a
<u>All-In Sustaining Cost</u>								
Atlantic	A\$/oz	970	823	951	988	928	1,008	955 to 1,100 ²
Gwalia	A\$/oz	1,559	1,471	1,556	1,389	1,485	2,592	1,435 to 1,560
Simberi	A\$/oz	1,603	1,851	1,629	1,467	1,631	1,678	1,665 to 1,840 ³
Consolidated	A\$/oz	1,421	1,364	1,405	1,301	1,369	1,711	1,360 to 1,510

1. Atlantic Gold was acquired on 19 July 2019. Atlantic Gold production, grade and costs prior to this date provided for comparison. Reported Q1 Sep FY20 production included 4,362 ounces produced by Atlantic Gold prior to acquisition
2. C\$880 to C\$1,010 per ounce @ AUD/CAD 0.92
3. US\$1,185 to US\$1,305 per ounce @ AUD/USD 0.71

Snapshot of St Barbara (SBM.ASX) - A global ASX 200 gold producer



Market	Market Capitalisation ¹	A\$1.9 B @ A\$2.66/share
	Outstanding shares ¹	705 M
	Liquidity ²	6 M/day (0.8%)
Financial	FY20 EPS ³	A\$0.18
	FY20 total dividend	A\$0.08
	Cash ⁴	A\$93 M
	Debt ⁵	A\$105 M
Reserves / Resources	Ore Reserves (JORC) ⁶	6.0 Moz
	Mineral Resources ⁶	11.6 Moz

St Barbara has a strong balance sheet supported by operational performance providing a platform for growth



FY21 guidance summary – exploration, capex



Exploration	A\$ M
Australia	
• Leonora Region	8 – 9
• Pinjin WA, Lake Wells WA, Back Creek NSW	10 – 11
Tabar Island Group, PNG	2 – 3
Nova Scotia, Canada	10 – 12
Consolidated	30 – 35

Capex	A\$ M	
	Sustaining	Growth
Gwalia	70 – 80	30 – 32
Simberi	12 – 15	4 – 5
Atlantic	15 – 20	15 – 20
Consolidated	97 – 115	49 – 57

Hedging summary as at 28 October 2020



Financial Year	Volume ounces	Price \$/oz	Type	Delivery	Delivery schedule	Announced
FY21	9,785	A\$1,809	Forward	Nov 2020 to Dec 2020	Monthly	26 Oct 2018
FY21	10,000	A\$1,961	Forward	Nov 2020 to Dec 2020	Monthly	24 Feb 2020 ¹
FY21	24,462	C\$1,759	Forward	Nov 2020 to Feb 2021	Quarterly	24 Feb 2020 ²
Mar 21 to Dec 22	78,010	C\$2,050	European call options	Apr 2021 to Dec 2022	Monthly	24 Feb 2020 ²

Ore Reserves Summary as at 30 June 2020



Project	Proved			Probable			Total		
	Tonnes ('000)	Gold (g/t)	Ounces ('000)	Tonnes ('000)	Gold (g/t)	Ounces ('000)	Tonnes ('000)	Gold (g/t)	Ounces ('000)
Gwalia, (WA)	1,583	8.0	409	7,824	5.9	1,483	9,407	6.3	1,892
Tower Hill, (WA)	-	-	-	2,572	3.7	306	2,572	3.7	306
Simberi Oxide, (PNG)	1,702	1.3	73	6,035	1.1	220	7,737	1.2	293
Simberi Sulphide, (PNG)	1,386	2.6	114	21,253	2.4	1,651	22,638	2.4	1,765
Simberi Stockpiles, (PNG)	678	0.6	12	-	-	-	678	0.6	12
Atlantic Gold, (NS)	21,370	1.2	796	23,700	1.1	851	45,070	1.1	1,647
Atlantic Gold Stockpiles, (NS)	5,450	0.5	89	-	-	-	5,450	0.5	89
Total All Projects	32,168	1.4	1,493	61,384	2.3	4,511	93,552	2.0	6,005

Notes

- Ore Reserves are based on a gold price of: Gwalia (AU\$1,600/oz), Tower Hill (AU\$1,250/oz), Simberi and Atlantic Gold (US\$1,300/oz)
- Cut-off Grades Gwalia (4.7 g/t Au), Tower Hill (2.8 g/t Au), Simberi Oxide (0.5 g/t Au), Atlantic Gold (0.3 g/t Au – 0.5 g/t Au)
- Mineral Resources are reported inclusive of Ore Reserves
- Data is rounded to thousands of tonnes and thousands of ounces. Discrepancies in totals may occur due to rounding
Full details are contained in the ASX release dated 24 August 2020 'Ore Reserves and Mineral Resources Statements 30 June 2020' available at www.stbarbara.com.au

Mineral Resources Summary at 30 June 2020



Project	Measured			Indicated			Inferred			Total		
	Tonnes ('000)	Gold (g/t)	Ounces ('000)	Tonnes ('000)	Gold (g/t)	Ounces ('000)	Tonnes ('000)	Gold (g/t)	Ounces ('000)	Tonnes ('000)	Gold (g/t)	Ounces ('000)
Gwalia, (WA)	3,991	6.4	819	17,403	6.0	3,353	1,201	5.5	214	22,595	6.0	4,386
Tower Hill, (WA)	-	-	-	4,604	3.9	574	489	3.3	51	5,093	3.8	625
Simberi Oxide, (PNG)	2,197	1.2	90	8,062	1.1	280	8,542	0.9	260	18,801	1.0	630
Simberi Sulphide, (PNG)	3,119	1.5	168	52,642	1.6	2,772	16,699	1.4	747	72,459	1.6	3,687
Atlantic Gold, (NS)	24,281	1.1	868	32,399	1.1	1,102	7,203	1.1	256	63,883	1.1	2,227
Total All Projects	33,587	1.8	1,945	115,110	2.2	8,081	34,134	1.4	1,529	182,832	2.0	11,555

Notes

1. Mineral Resources are reported inclusive of Ore Reserves
2. Cut-off Grades Gwalia (2.5 g/t Au), Tower Hill (2.5 g/t Au), Simberi Oxide (0.4 g/t Au), Simberi Transitional and Sulphide (0.6 g/t Au), Atlantic Gold (0.3 g/t Au)
3. Atlantic and Simberi Mineral Resources are reported constrained by a US\$1,800/oz pit shell
4. Data is rounded to thousands of tonnes and thousands of ounces. Discrepancies in totals may occur due to rounding
Full details are contained in the ASX release dated 24 August 2020 'Ore Reserves and Mineral Resources Statements 30 June 2020' available at www.stbarbara.com.au

Competent persons statement

Exploration Results

The information in this presentation that relates to Exploration Results is based on information compiled by Dr Roger Mustard, who is a Member of The Australasian Institute of Mining and Metallurgy. Dr Mustard is a full-time employee of St Barbara and 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'. Dr Mustard consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Mineral Resource and Ore Reserve Estimates

The information in this presentation that relates to Mineral Resources or Ore Reserves for Gwalia, Tower Hill, Simberi and Atlantic Gold is extracted from the report titled '*Ore Reserves and Mineral Resources Statements 30 June 2020*' released to the Australian Securities Exchange (ASX) on 24 August 2020. The report is available to view at stbarbara.com.au. The Company confirms that it is not aware of any new information or data that materially affects the estimates of Mineral Resources or Ore Reserves and that all material assumptions and technical parameters underpinning the estimates in the original ASX announcement 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 ASX announcement.

Full details are contained in the ASX release dated 24 August 2020 '*Ore Reserves and Mineral Resources Statements 30 June 2020*' available at stbarbara.com.au.

Non-IFRS measures

We supplement our financial information reporting determined under International Financial Reporting Standards (IFRS) with certain non-IFRS financial measures, including cash operating costs. We believe that these measures provide meaningful information to assist management, investors and analysts in understanding our financial results and assessing our prospects for future performance.

All-In Sustaining Cost (AISC)

All-In Sustaining Cost is based on Cash Operating Costs, and adds items relevant to sustaining production. It includes some, but not all, of the components identified in World Gold Council's Guidance Note on Non-GAAP Metrics - All-In Sustaining Costs and All-In Costs (June 2013). Refer most recent quarterly report available at stbarbara.com.au for example.

Cash contribution

Cash flow from operations before finance costs, refer reconciliation of cash movement in the most recent quarterly report available at stbarbara.com.au

Cash operating costs

Calculated according to common mining industry practice using The Gold Institute (USA) Production Cost Standard (1999 revision). Refer most recent quarterly report available at stbarbara.com.au for example

Investor Relations enquiries



Rowan Cole

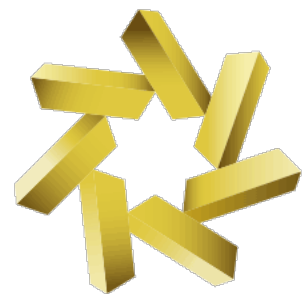
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St Barbara