



Presentation on Q1 September FY21 Quarterly Report and audio webcast

Craig Jetson, Managing Director & CEO, will brief analysts and institutional investors on the Q1 September FY21 Quarterly Report at 11:00 am Australian Eastern Daylight Time (UTC + 11 hours) on Wednesday 21 October 2020.

Analysts and institutional investors

Analysts and institutional investors can register for the briefing at <https://s1.c-conf.com/diamondpass/10010020-invite.html>

Shareholders

A live audio webcast of the briefing will be available on St Barbara's website at stbarbara.com.au/investors/webcast/ or by [clicking here](#). The audio webcast is 'listen only' and does not enable questions. The audio webcast will subsequently be made available on the website.

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Q1 September FY21 Quarterly Presentation

21 October 2020



Craig Jetson

Managing Director and Chief Executive Officer



Disclaimer

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This presentation may contain forward-looking statements that are subject to risk factors associated with exploring for, developing, mining, processing and the sale of gold. Forward-looking statements include those containing such words as anticipate, estimates, forecasts, should, will, expects, plans or similar expressions. Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, and which could cause actual results or trends to differ materially from those expressed in this presentation. Actual results may vary from the information in this presentation. The Company does not make, and this presentation should not be relied upon as, any representation or warranty as to the accuracy, or reasonableness, of such statements or assumptions. Investors are cautioned not to place undue reliance on such statements.

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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: Atlantic Gold Operations, Canada
Published: 21 October 2020



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- **What's next**



We are St Barbara

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



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.



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.



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.



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.



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.

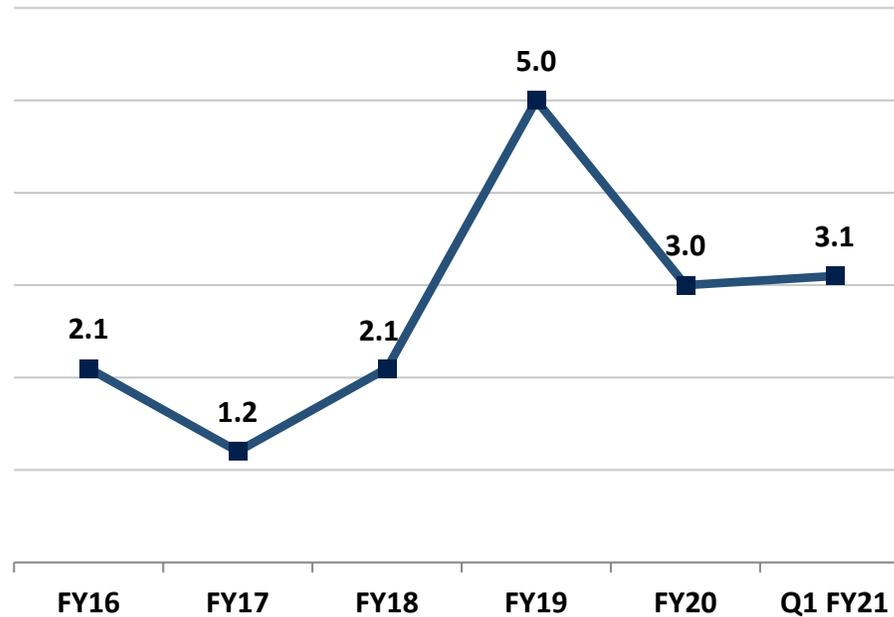
Safety always



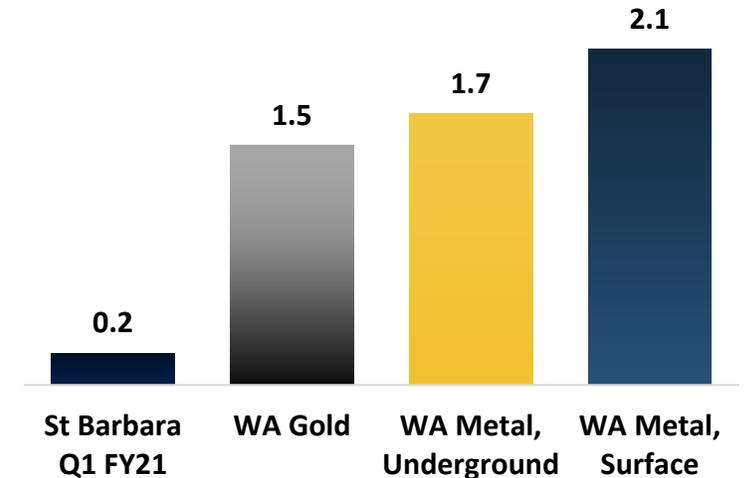
**SAFETY
ALWAYS**

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.

Total Recordable Injury Frequency Rate (TRIFR)¹



St Barbara LTIFR² in comparison with Western Australian Mining benchmarks³



1. Total Recordable Injury Frequency Rate (12 month avg.), total recordable injuries per million hours worked
2. Lost Time Injury Frequency Rate (12 month avg.), the number of lost time injuries per million hours worked
LTIFR comparison not available for Canada, where common safety measure is number of lost time injury claims per 100 workers.
3. http://www.dmp.wa.gov.au/Documents/Safety/MSH_Stats_Reports_SafetyPerfWA_2018-19.pdf

SBM COVID-19 Management Framework



St Barbara's priority during the COVID-19 pandemic is the health and wellbeing of its people, its partners and suppliers, and the communities in which it operates

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



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.

Operational performance

- 73 koz produced at AISC of A\$1,711/oz (Q4: 109 koz at A\$1,301/oz)
- Launched **Building Brilliance**, an integrated company transformation that will create sustainable value in everything we do

Financial metrics

- Operational cash contribution of A\$27 M (Q4: A\$126 M) impacted by significantly lower gold sales
- Average realised gold price in Q1 Sep FY21 of A\$2,171 per ounce (Q4 Jun FY20: A\$2,412 per ounce)

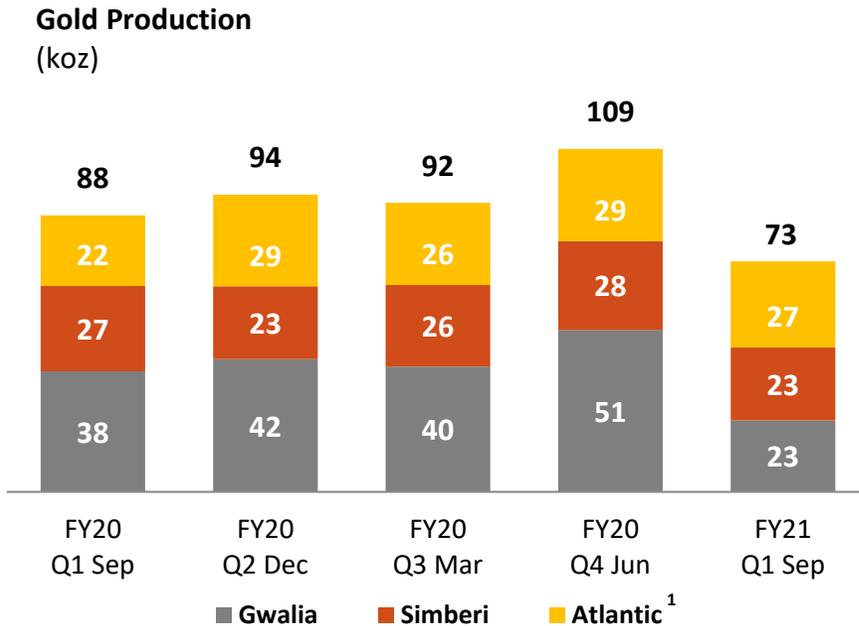
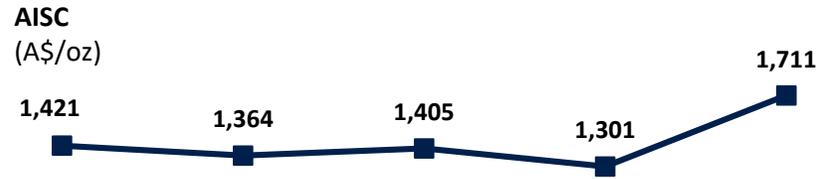
Capital management

- A\$93 M cash at bank, after repayment of A\$200 M syndicated debt facility, A\$61 M acquisition of MRRI, A\$22 M dividend payment
- Paid \$0.04 per share fully franked final dividend
- A\$105 M debt (Q4: \$316 M)

Growth

- Simberi sulphide feasibility study progressing
- Gwalia ventilation being optimised now last vent shaft completed
- Reviewing optimal sequencing of the Atlantic Gold projects

Consolidated Q1 September FY21 Results



Figures displayed to nearest thousand ounces. Reported ounces in table in Appendix.

Q1 result impacted by interruption at Gwalia – refer Gwalia slides for detail

Q1 FY21 AISC

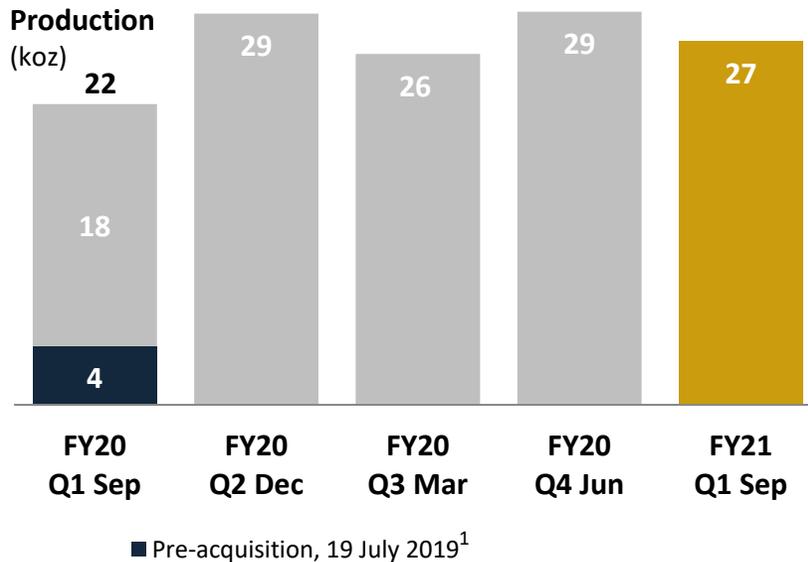
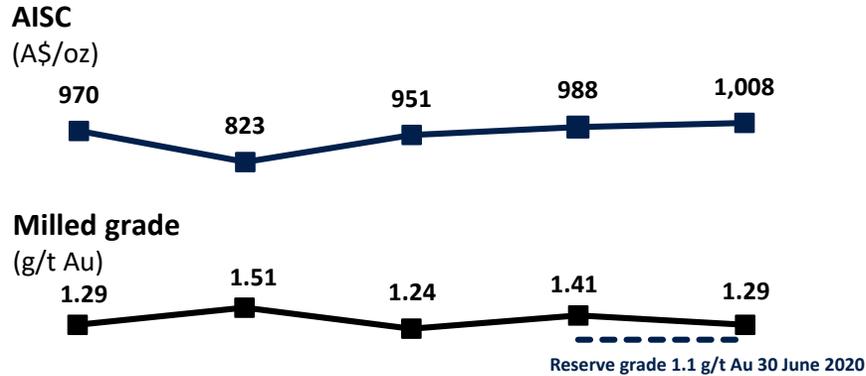
- Consolidated A\$1,711/oz (Q4: A\$1,301/oz)
- Atlantic A\$1,008/oz (Q4: A\$988/oz)
- Gwalia A\$2,592/oz (Q4: A\$1,389/oz)
- Simberi A\$1,678/oz (Q4: A\$1,467/oz)

Q1 FY21 Production

- Consolidated 73 koz (Q4: 109 koz)
- Atlantic 27 koz (Q4: 29 koz)
- Gwalia 23 koz (Q4: 51 koz)
- Simberi 23 koz (Q4: 28 koz)

1. Atlantic Gold was acquired on 19 July 2019. Atlantic Gold quarterly production prior to this date provided for comparison. Reported Q1 Sep FY20 production and FY20 guidance includes 4,362 ounces produced by Atlantic Gold prior to acquisition. Consolidated Q1 AISC inc SBM attributable production = A\$1,445/oz.

Atlantic Gold Q1 FY21 Results



Q1 FY21 production

- 27,226 oz (Q3: 29,209 oz)
- AISC A\$1,008/oz (C\$960/oz)
(Q4: A\$988/oz (C\$900/oz))

FY21 Guidance

- Production of 100 to 115 koz
- AISC of A\$955 to A\$1,100/oz²
- Sustaining capex of A\$15 to A\$20 M
- Growth capex of A\$15 to A\$20 M

Consolidation of Touquoy ownership enables operational efficiencies and future potential of the operation, including exploration upside

Archibald Lake (proposed water source for Cochrane Hill Gold Project) protection decision deferred by government
Work continues on the optimal sequencing of the suite of Atlantic Gold growth projects

1. Atlantic Gold was acquired on 19 July 2019. Atlantic Gold quarterly production prior to this date provided for comparison. Reported Q1 Sep FY20 production and FY20 guidance includes 4,362 ounces produced by Atlantic Gold prior to acquisition. SBM attributable Q1 AISC = A\$964/oz.
2. C\$880 to C\$1,010 per ounce @ AUD/CAD 0.92

Gwalia Q1 FY21 Results



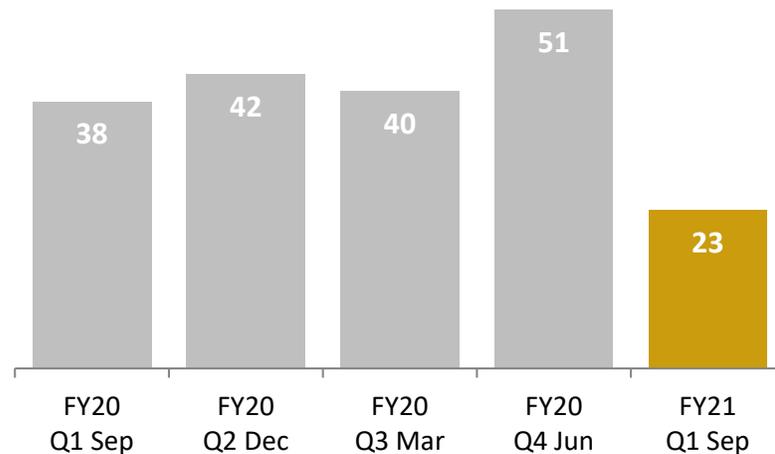
AISC
(A\$/oz)



Mined grade
(g/t Au)



Gold Production
(koz)



Q1 FY21 Production

- 22,625 oz (Q4: 51,297 oz)
- AISC A\$2,592/oz (Q4: A\$1,389/oz)
- Mined grade of 8.1 g/t Au (Q4: 7.0 g/t Au)
- Mined volume substantially lower at 85 kt (Q4: 231 kt) due to planned prioritisation of development and the seismic events leading to a fall of ground as announced on 18 September
- As part of the strategy to utilise excess mill capacity a toll processing agreement commenced during the quarter

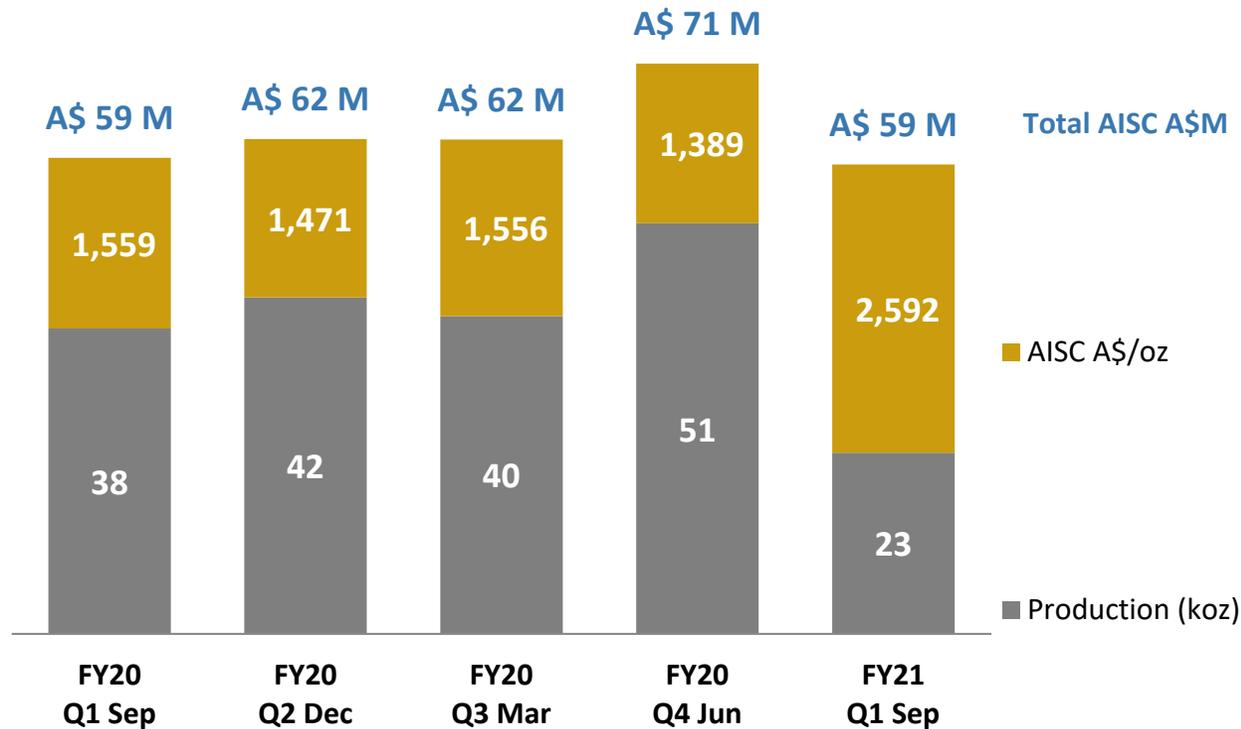
FY21 Guidance

- Production of 175 to 190 koz
- AISC of A\$1,435 to A\$1,560/oz
- Sustaining capex of A\$70 to A\$80 M
- Growth capex of A\$30 to A\$32 M

Gwalia site costs stable, lower production led to higher AISC



Total AISC (= production x AISC/oz)

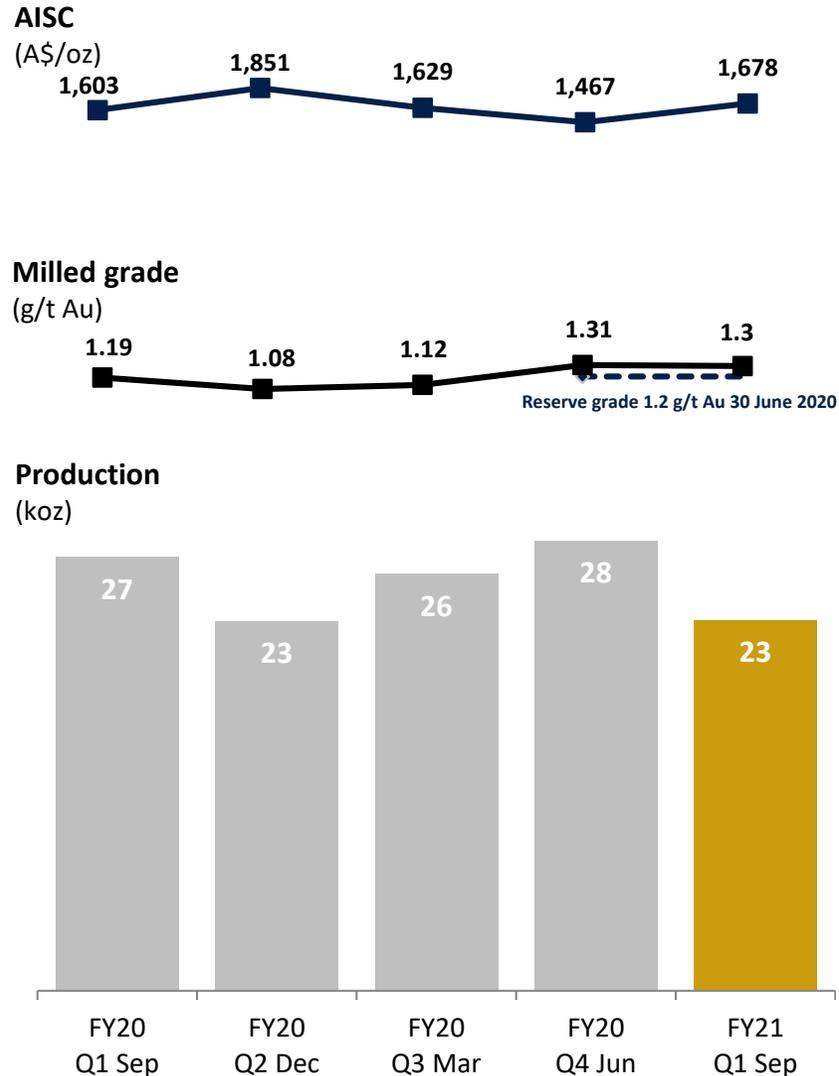


AISC inc. corporate cost allocation, corporate royalty and rehabilitation

Total site All-In Sustaining Cost (= production x AISC) reduced from A\$71 M in the June quarter to A\$59 M in the September quarter

The significantly lower production led to a proportional increase in AISC to A\$2,592 per ounce in Q1 Sep 2021 (Q4 Jun FY20: A\$1,389 per ounce).

Simberi Q1 FY21 Results



Q1 FY21 Production

- 23,139 oz (Q4: 28,106 oz)
- AISC A\$1,678/oz (Q4: A\$1,467/oz)
- Production lower due to lower milled tonnes 703 kt (Q4 Jun FY20 788 kt) and lower recovery of 79% (Q4: 85%) due to higher proportion of transitional ore processed
- Grade stable at 1.30 g/t Au (Q4: 1.31 g/t Au) and
- Mill throughput was lower due to unscheduled maintenance (now completed) of the semi-autogenous grinding (SAG) mill, scrubber circuit and aerial rope conveyor (RopeCon)

FY21 Guidance

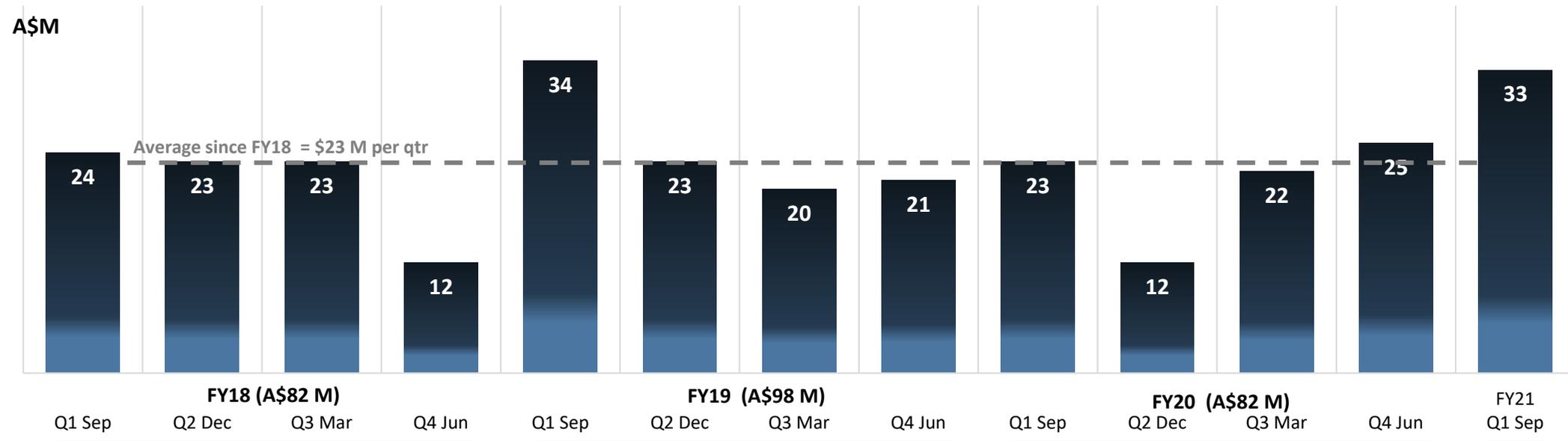
- Production of 95 to 105 koz
- AISC of A\$1,665 to A\$1,840/oz¹
- Sustaining capex of A\$12 to A\$15 M
- Growth capex of A\$4 to A\$5 M

1. US\$1,185 to US\$1,305 per ounce @ AUD/USD 0.71

Simberi continues to deliver consistent cashflow with Sulphide Feasibility Study to determine expansion potential



Quarterly cash contribution from Simberi



Sulphide Project

Feasibility study due Q2 Dec FY21, and Environmental and Social Impact Assessment due Q3 Mar FY21
Decision on Sulphides due Q3 Mar FY21 with one-year permitting and two-year construction window
 Current mine plan anticipates **processing oxides in FY23 through to FY24**

Exploration focused on four main areas in Nova Scotia

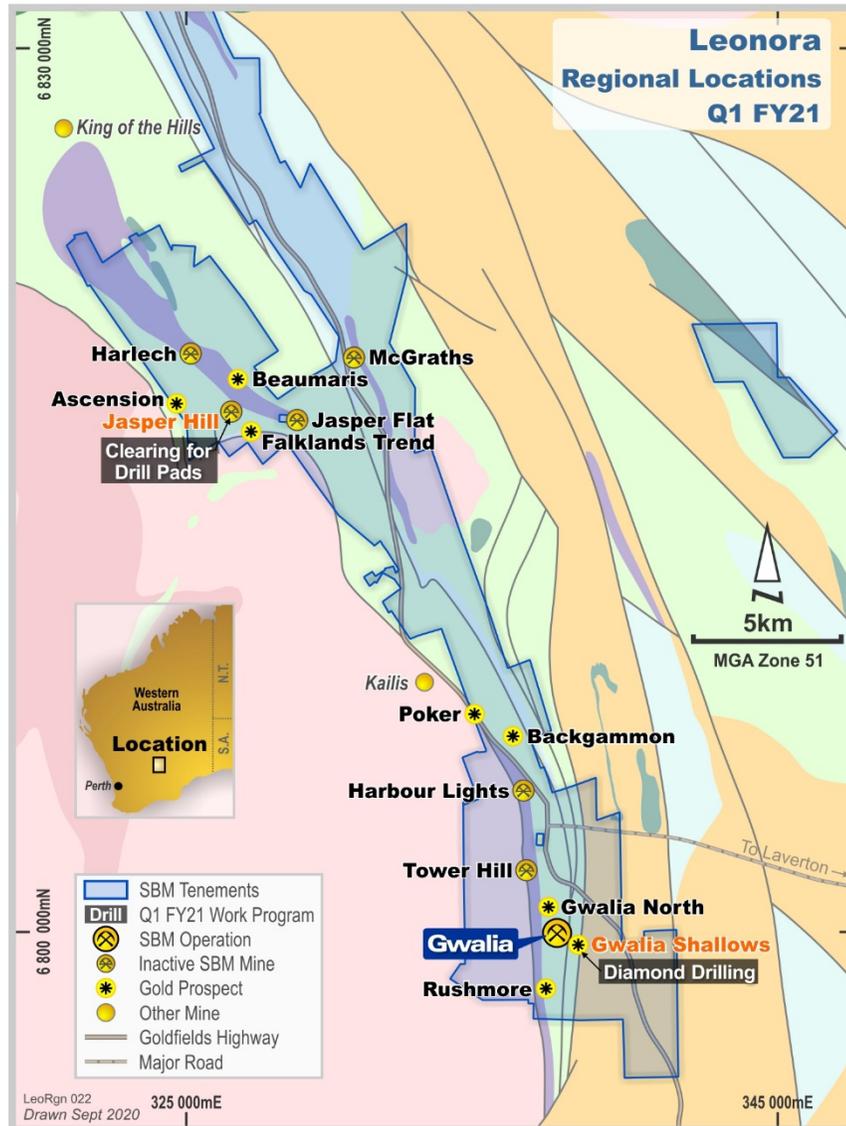


A\$10 - \$12 M exploration budgeted in Canada for FY21

Exploration activity during the quarter focussed on:

- Touquoy
- Moose River Corridor
- Northeast Regional
- Southwest Regional

Exploration | regional targets



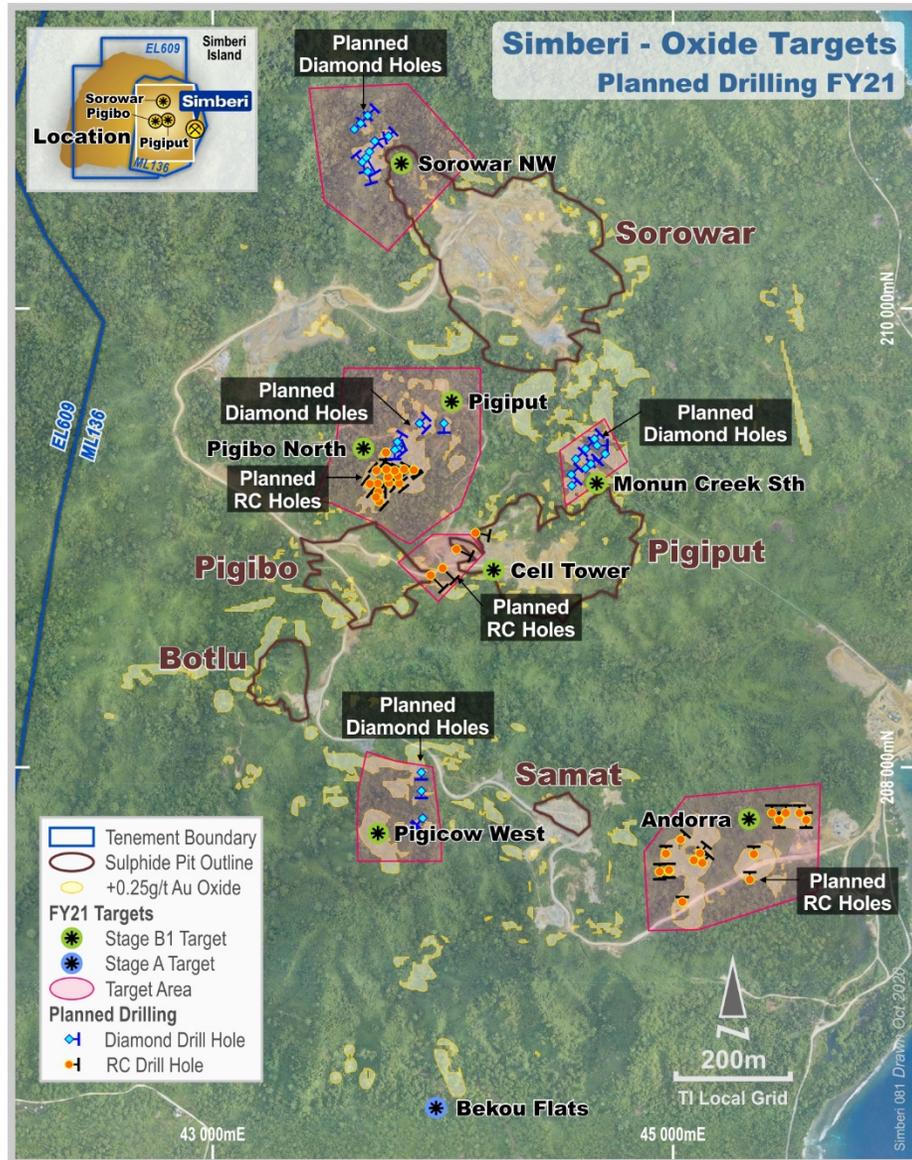
A\$8 - \$9 M exploration budget for **near mine and regional** exploration around Gwalia for FY21

Gwalia mill strategy seeks to **utilise spare capacity** (FY20 ore milled ~65% of nominal 1.2 Mtpa capacity)

Focus areas for FY21

- Gwalia Shallows
- Toll milling agreements and ore purchase agreements
- Joint ventures
- Tower Hill

Exploration at Simberi is targeting near-mine oxide ore



Additional oxide targets include:

- Sorowar NW
- Pigibo and Pigibo North
- Cell Tower
- Monun Creek
- Pigicow West
- Andorra

A\$2 - \$3 M exploration budget in PNG for FY21

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 safely 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

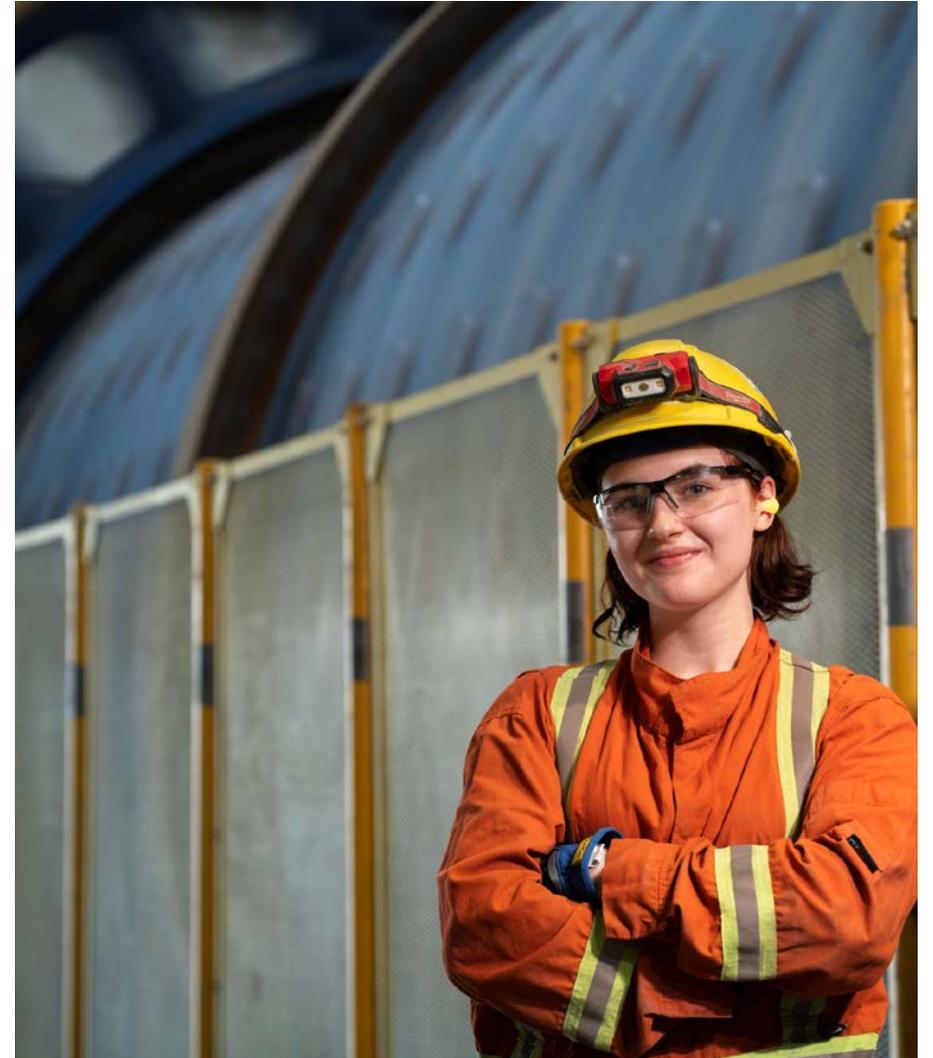
Our entire organisation has been empowered to seek out the opportunities, solve historical challenges and deliver improvements to achieve success.

Building Brilliance

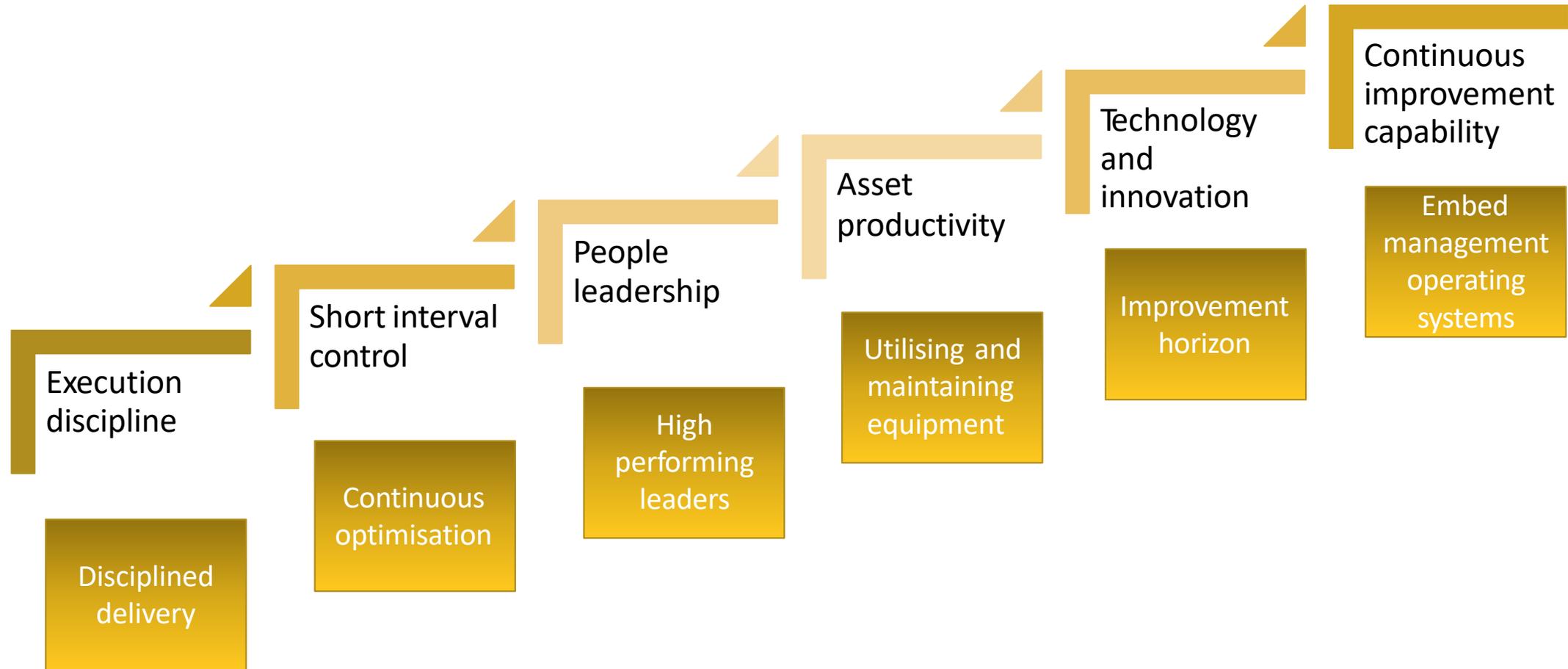
The first step in our strategy



- As a growing gold company with a global outlook, we are focused on creating sustainable 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
- We will update on progress in Q2 FY21



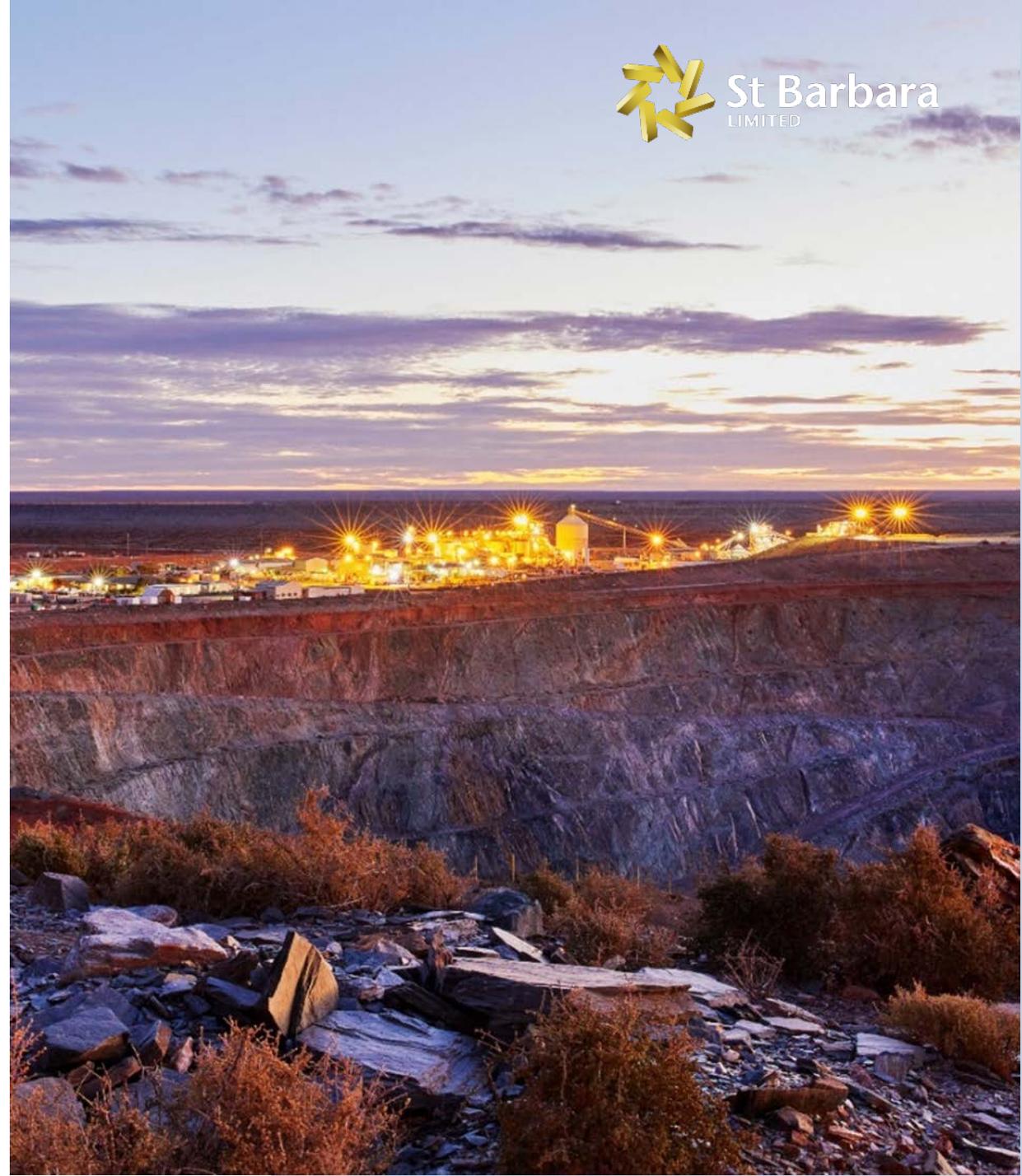
The six capability pillars of Building Brilliance



What's next

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

- Optimising the Atlantic Gold project pipeline
- Near and future term at Gwalia, including regional exploration
- Delivering the Simberi sulphide project feasibility study





**Supplementary
slides**



We are at the forefront of inclusion and diversity in the minerals industry, ahead of much larger peers



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.



Women across our Australian workforce increased to 26%

Women across our PNG workforce increased to 15%, achieving 3-year target

33% of Directors are women¹

100% of our Australian women have returned to work after parental leave for the last 11 years

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

Employer of Choice for Gender Equality by WGEA³

– 6th year running and the only ASX listed mining company to receive the citation

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

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

PNG Business Coalition for Women – maintaining active membership

Employee numbers and gender breakdown



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/

We strive to help our communities thrive, grow and prosper



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.

We support educational related sports foundations that encourage Indigenous children in remote locations to improve education outcomes, life skills, self-esteem and employment prospects including **Shooting Stars** at Leonora and **Clontarf Foundation** in Kalgoorlie

Donations to the Chamber of Minerals and Energy Western Australia **COVID-19 Community Support Initiative**, plus on-ground support with donations of **PPE and RDT Kits** to local government in New Ireland Province and Nova Scotia

Donations of food to local Food Banks and beds to local shelters in Nova Scotia

Support provided to set up local businesses around Simberi Operation under Simberi Mining Services umbrella company

Warrior Program in PNG to combat and raise awareness of family and domestic violence in PNG

Sponsorship of **Get Into Resources** and **Goldfields Girl**

Regular involvement with Leonora District High School through **Career Pathway Program**, volunteering for **return to school activities** and **Leonora Family Day**

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



Market	Market Capitalisation ¹	A\$2.1 B @ A\$2.94/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 at bank 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

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>
Production								
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
Mined Grade								
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
Total Cash Operating Costs								
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
All-In Sustaining Cost								
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

Guidance summary – exploration, capex, production profile

Exploration Guidance FY21

A\$ M

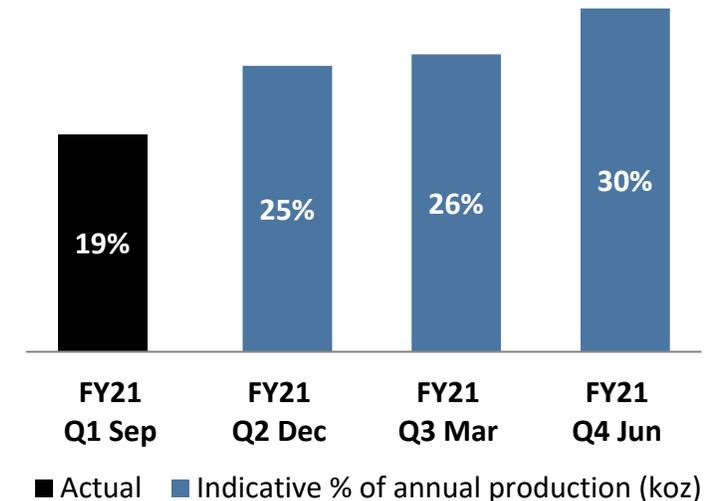
Australia	
• Leonora Region	8 – 9
• Pinjin WA, Lake Wells WA, Back Creek NSW	10 – 11
Tabar Island Group, PNG	2 – 3
Nova Scotia, Canada	10 – 12
Consolidated	30 – 35

Capex

Guidance FY21

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

FY21 Production Indicative Quarterly Guidance Profile



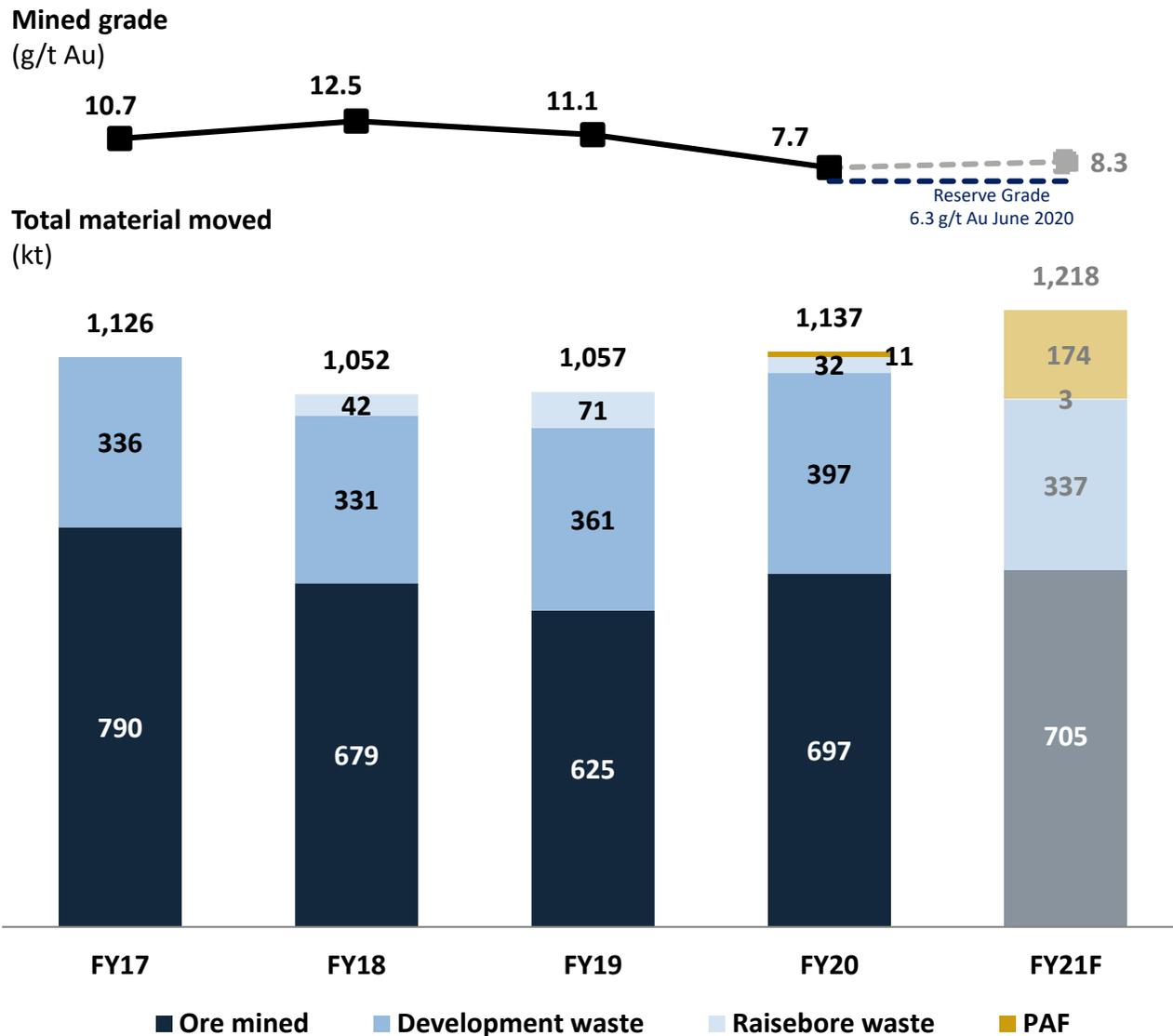
Figures rounded to nearest percent and may not add due to rounding.

Hedging summary as at 21 October 2020



Financial Year	Volume ounces	Price \$/oz	Type	Delivery	Delivery schedule	Announced
FY21	10,400	A\$1,809	Forward	Oct to Dec 2020	Monthly	26 Oct 2018
FY21	14,865	A\$1,961	Forward	Oct to Dec 2020	Monthly	24 Feb 2020 ¹
FY21	20,821	C\$1,759	Forward	Oct 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

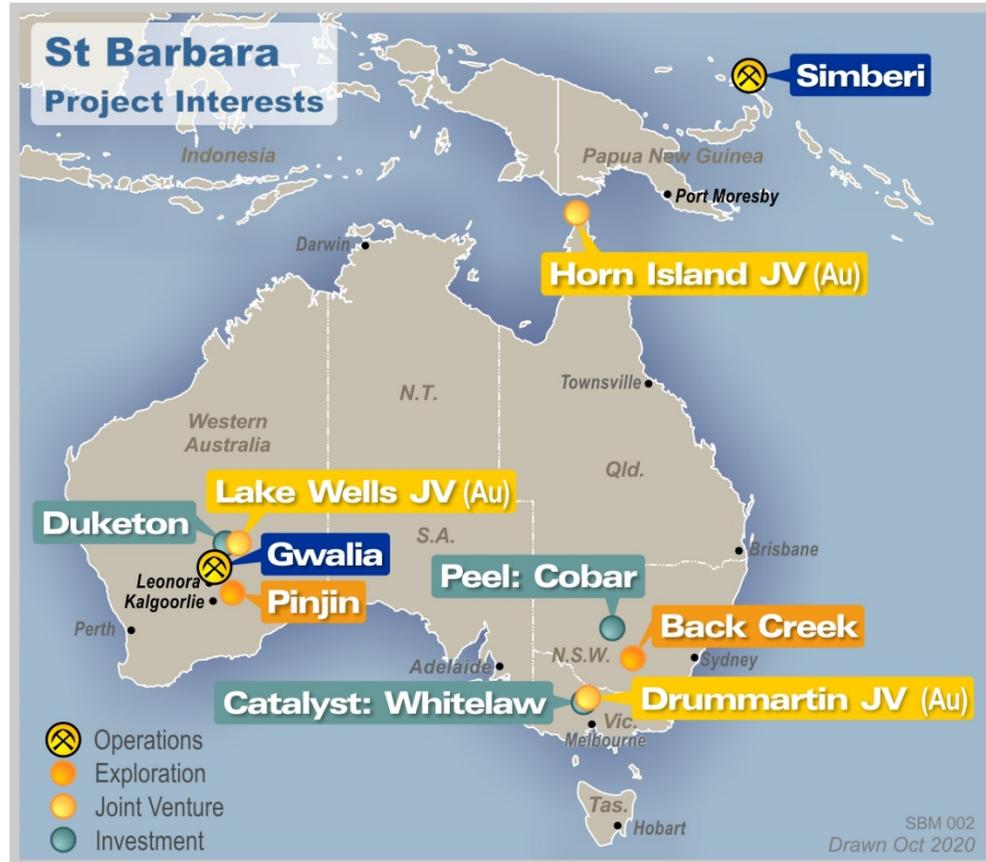
Gwalia returning to higher levels of material movement



Gwalia extension project ventilation shaft completed in August 2020 will support growth of total material movement in FY21

Paste Aggregate Fill (PAF) plant study has commenced to identify opportunities to **sustain high utilisation rates**

Equity investments and joint ventures



Joint ventures with Australian explorers

Drummartin with Catalyst Metals (ASX:CYL)

Horn Island with Alice Queen (ASX:AQX)

Lake Wells with Australian Potash (ASX:APC)

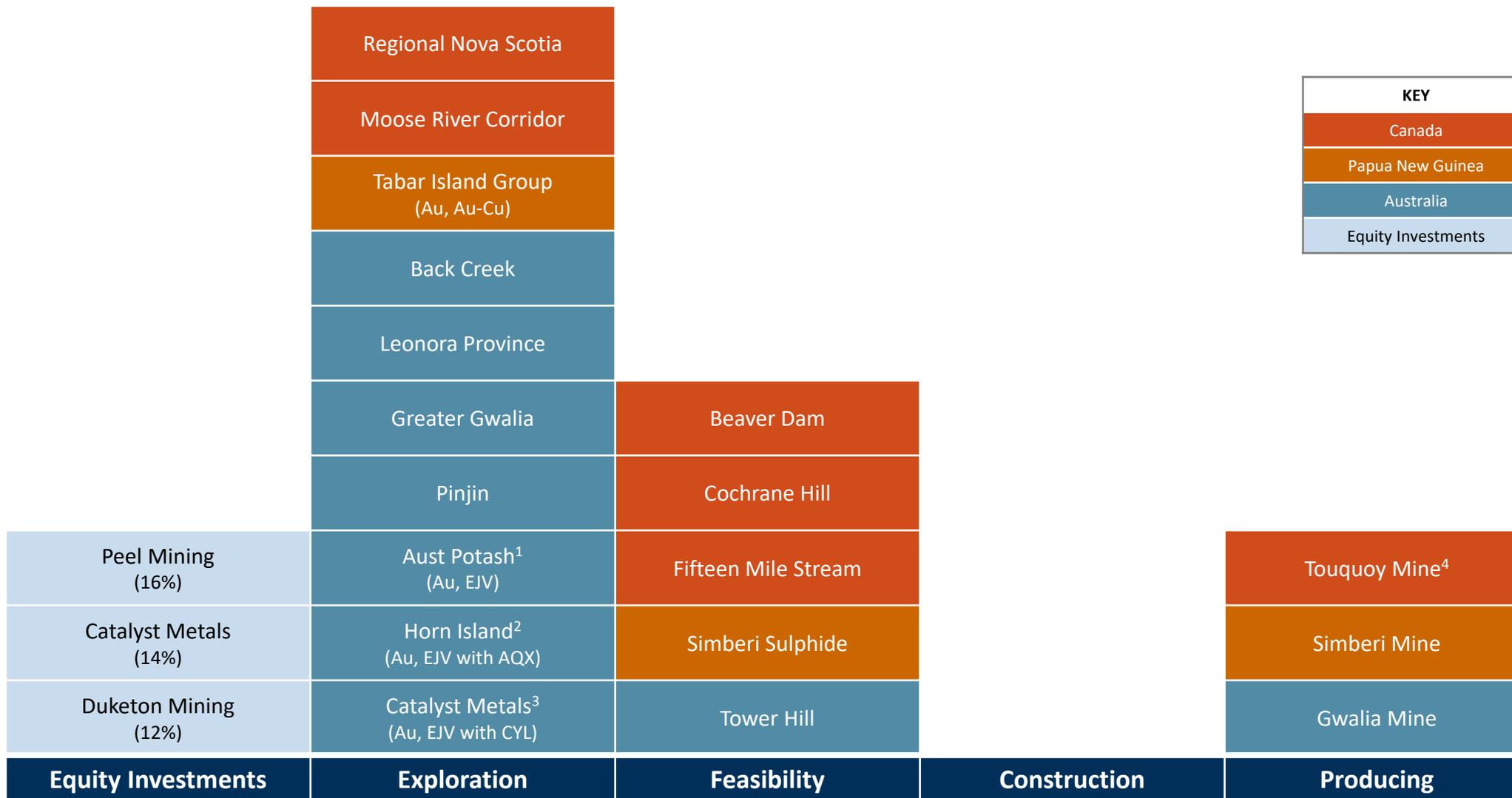
Equity investments in Australian explorers

Catalyst Metals Limited (ASX:CYL) 14%

Duketon Mining Limited (ASX:DKM) 12%

Peel Mining Limited (ASX:PEX) 13%

Project pipeline



1. Earn-in and Joint Venture Agreement with Australian Potash announced 8 October 2018
2. Earn-in and Joint Venture Agreement in Horn Island with Alice Queen announced 5 June 2019
3. Earn-in and Joint Venture Agreement with Catalyst Metals announced 25 November 2020
4. For full explanation refer to ASX release 7 September 2020 "St Barbara completes acquisition of Moose River Resources Inc"

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



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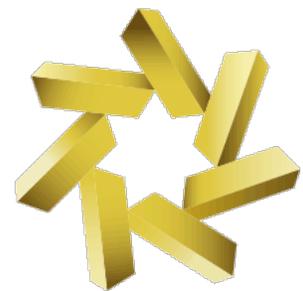
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Scheduled ASX Announcements

28 October 2020

Annual General Meeting



St Barbara