



Saracen

December quarter 2018

RALEIGH FINLAYSON – MANAGING DIRECTOR
SIMON JESSOP – CHIEF OPERATING OFFICER
TROY IRVIN – CORPORATE DEVELOPMENT OFFICER

Presentation – December quarter 2018
21st January 2019



Qualification



This presentation has been prepared by Saracen Mineral Holdings Limited (Saracen or the Company) based on information from its own and third party sources and is not a disclosure document. No party other than the Company has authorised or caused the issue, lodgement, submission, despatch or provision of this presentation, or takes any responsibility for, or makes or purports to make any statements, representations or undertakings in this presentation.

You should be aware that as an Australian company with securities listed on the ASX, the Company is required to report reserves and resources in Australia in accordance with the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (The JORC Code 2012 Edition) ("JORC Code"). You should note that while the Company's reserve and resource estimates comply with the JORC Code, they may not comply with the relevant guidelines in other countries.

This is a presentation about geology, geoscientific interpretation, geoscientific speculation, gold deposits, gold potential, engineering, infrastructure, potential values, costs, risks, and related matters pertinent to Saracen's present and future activities as a publicly listed mineral exploration and production company. It includes forecasts, predictions, targets and estimates of future expenditures which may vary over time.

It is uncertain if further exploration will result in the determination of a Resource or Reserve. Where exploration, evaluation, operational and feasibility study expenditure estimates and budgets amounts are presented herein, ongoing prioritisation and scaling of expenditures will be subject to results and, where applicable, scheduling changes. Targeted production and other outcomes are subject to change, and may not eventuate, depending on the results of ongoing performance and assessment of data. All Reserves and Resources as referred to herein are in accordance with the JORC Code. Refer to Appendix C of this presentation for the relevant Competent Person statements. Resources are inclusive of Reserves.

Certain statements contained in the Presentation Materials, including information as to the future financial or operating performance of the Company and its projects, are forward looking statements. Such forward looking statements:

- a) are necessarily based upon a number of estimates and assumptions that, while considered reasonable by the Company, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies;
- b) involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward looking statements; and
- c) may include, among other things, statements regarding estimates and assumptions in respect of prices, costs, results and capital expenditure, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions.

The Company disclaims any intent or obligation to publicly update any forward looking statements, whether as a result of new information, future events or results or otherwise. The words "believe", "expect", "anticipate", "indicate", "contemplate", "target", "plan", "intends", "continue", "budget", "estimate", "may", "will", "schedule" and similar expressions identify forward looking statements.

All forward looking statements contained in the Presentation Materials are qualified by the foregoing cautionary statements. Recipients are cautioned that forward looking statements are not guarantees of future performance and accordingly recipients are cautioned not to put undue reliance on forward looking statements due to the inherent uncertainty therein. The Presentation Materials do not purport to be all inclusive or to contain all information about the Company.

This presentation is not a prospectus, disclosure document or other offering document under Australian law or under any other law. It is provided for information purposes and is not an invitation nor offer of shares for subscription, purchase or sale in any jurisdiction.

Take care to question and carefully evaluate any judgments you might make, on the basis of the Presentation Materials, as to the value of Saracen and its securities. This presentation is not intended to provide the sole or principal basis of any investment or credit decision or any other risk evaluation and may not be considered as a recommendation by Saracen or its officers. Any investor reading the Presentation Materials should determine its interest in acquiring securities in Saracen on the basis of independent investigations that it considers necessary, prudent or desirable.

Saracen and its officers do not accept any liability for any loss or damage suffered or incurred by any investor or any other person or entity however caused (including negligence) relating in any way to this presentation including, without limitation, the information contained in it, any errors or omissions however caused by any other person or entity placing any reliance on the Presentation Materials, its accuracy or reliability.

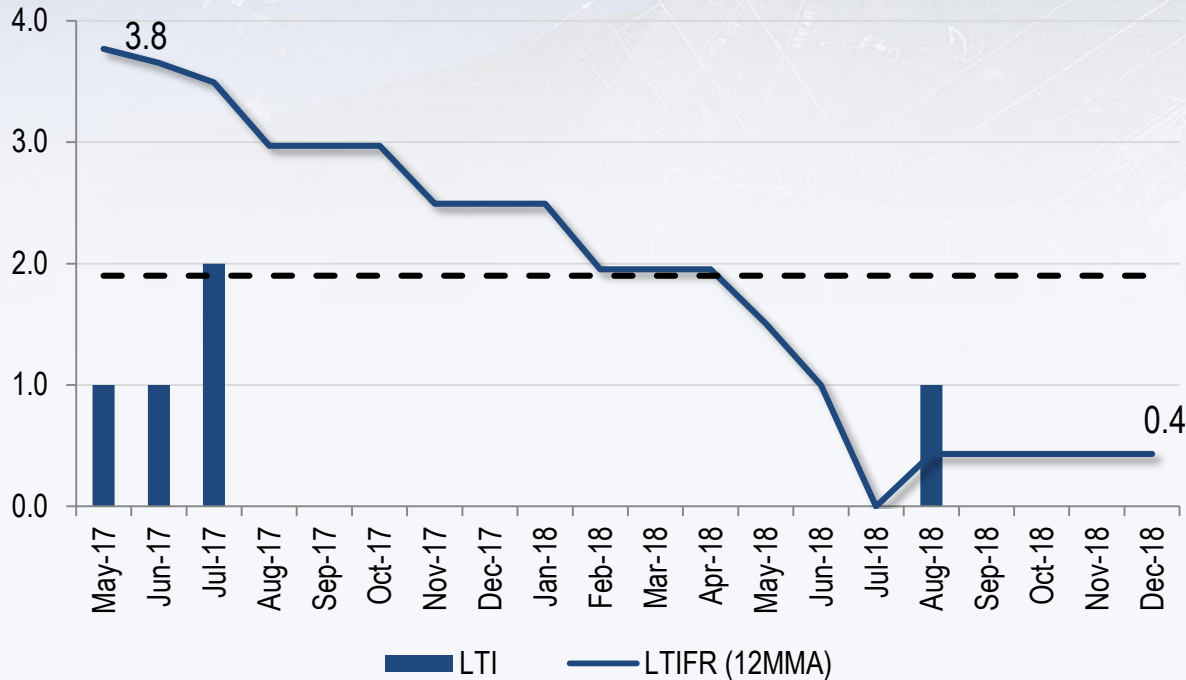
December quarter 2018 highlights



Strong quarterly production, record half:

- Safety - **LTIFR steady at 0.4**
- **Quarterly gold production – 88,833oz at AISC of A\$1,067/oz**
- Closing ore stockpile - **53,439oz**
- **Cash / liquids - A\$143m**, after spending A\$55m on growth capital / exploration, no debt
- **Hedge book** - Average price **boosted to A\$1,773/oz** (12 months ago A\$1,573/oz)
- **Growth projects:**
 - Carosue Dam - Karari Paste Fill Project ~50% complete, first ore from Dervish, Aerodrome commissioning this March quarter, underground development accelerated
 - Thunderbox - Underground development accelerated, diamond drilling commenced
- **Drilling – A\$60m exploration budget continues ramping up, many strong results**

“The standard you walk past is the standard you accept”:



Lost time injury frequency rate (LTIFR) - Calculated as a rolling 12 month average per million hours worked
LTIFR WA gold average www.dmp.wa.gov.au/Documents/Safety/MSH_Stats_Posters_SAFETYPerfWA_1718.pdf

- Building a proactive safety culture
- Lag indicators moving in the right direction:
 - LTIFR 0.4
 - TRIFR 12.6
- Focused on positive leading indicators...
- ...through safety interactions and “Take 5’s”

Leonora Art competition



Clontarf – Mining and the land



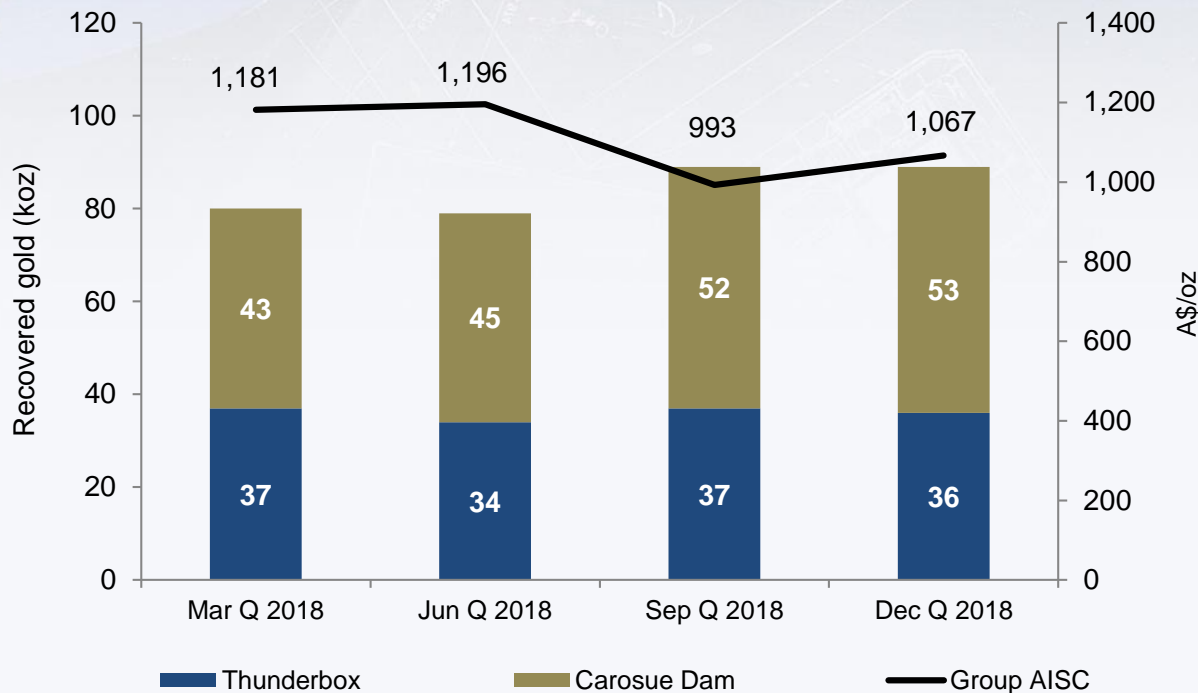
Leonora Shooting Stars



December quarter 2018 highlights

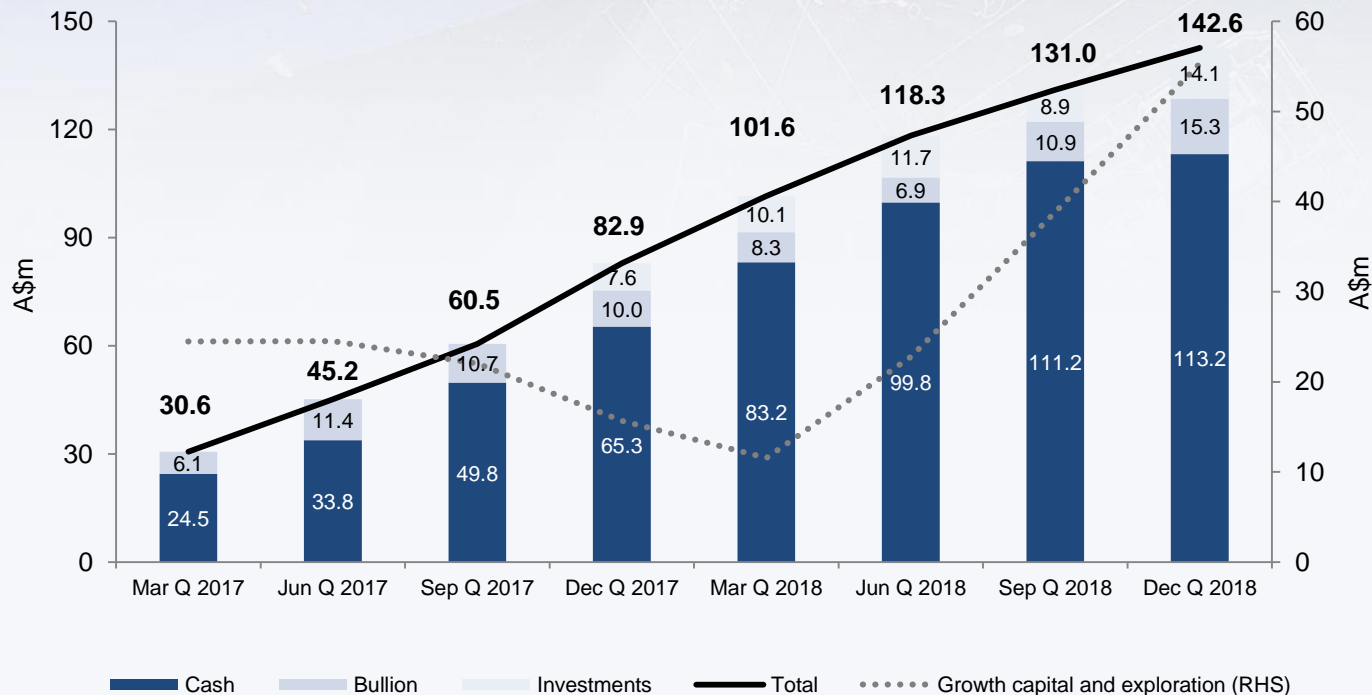


Consistent and persistent:



December quarter 2018 highlights

Consistent cash and equivalents build:



- Growth capital and exploration spend anticipated to peak in the current March quarter
- Likely to result in a side-ways movement in cash on hand over the March quarter...
- ...before resuming an upward trajectory in the June quarter

Growth! Increasing production and mine life:

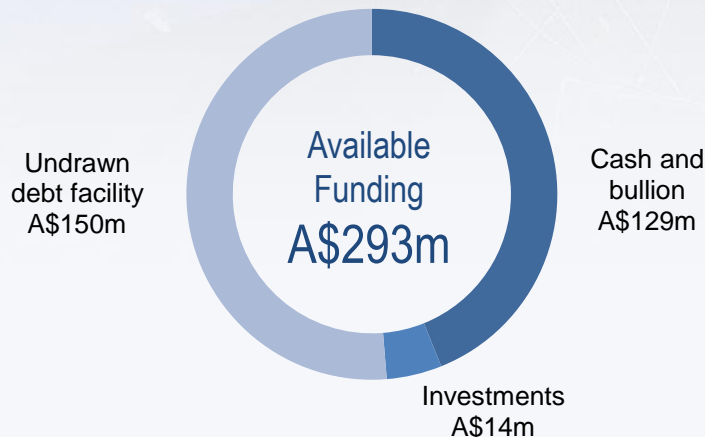
- **FY19 group guidance – Increased to 345-365,000oz, unchanged AISC A\$1,050 - 1,100/oz**
- **Recent exploration success** has prompted a **A\$35m increase** in the **FY19 capital budget** to accelerate underground development
- **Next chapter of growth** in FY19:

Key items	UPDATED	PREVIOUS	COMMENT
	A\$m	A\$m	
Karari paste plant	23	23	No change
Karari - Dervish underground development	42	20	Increase production rate as Deep South potentially nears completion
Thunderbox underground development	26	13	Advance the decline to enable early opportunistic stoping in FY20
Kailis Stage 2 open pit development	17	17	No change
Carosue Dam air-strip	7	7	No change
Exploration	60	60	No change
Total	175	140	

- **Fast-tracking access** to the additional underground ore identified by extensional drilling will **ensure the increased production rate and mine lives are maintained**

Growth! Increasing production and mine life:

- **Available funding A\$293m** (plus operating cash flows and ore stockpiles):

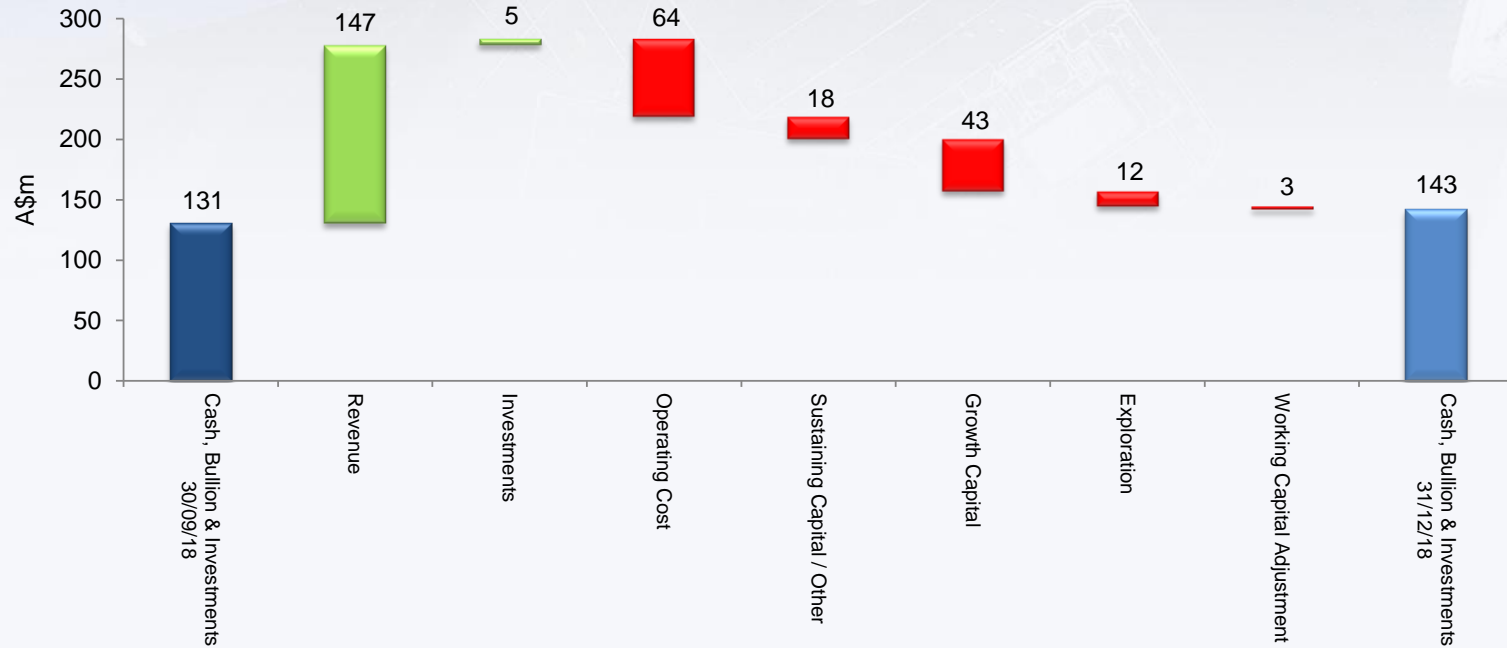


- 7 year production outlook[^] - Organic production growth to 350kozpa, is considered a **base case**, with an upside case to 400kozpa
- **7 year production outlook**, and specifically **FY20 group production guidance**, will be revised in the **September quarter 2019**

[^] Refer to ASX release dated 20th February 2018 – “Corporate Presentation – February 2018”

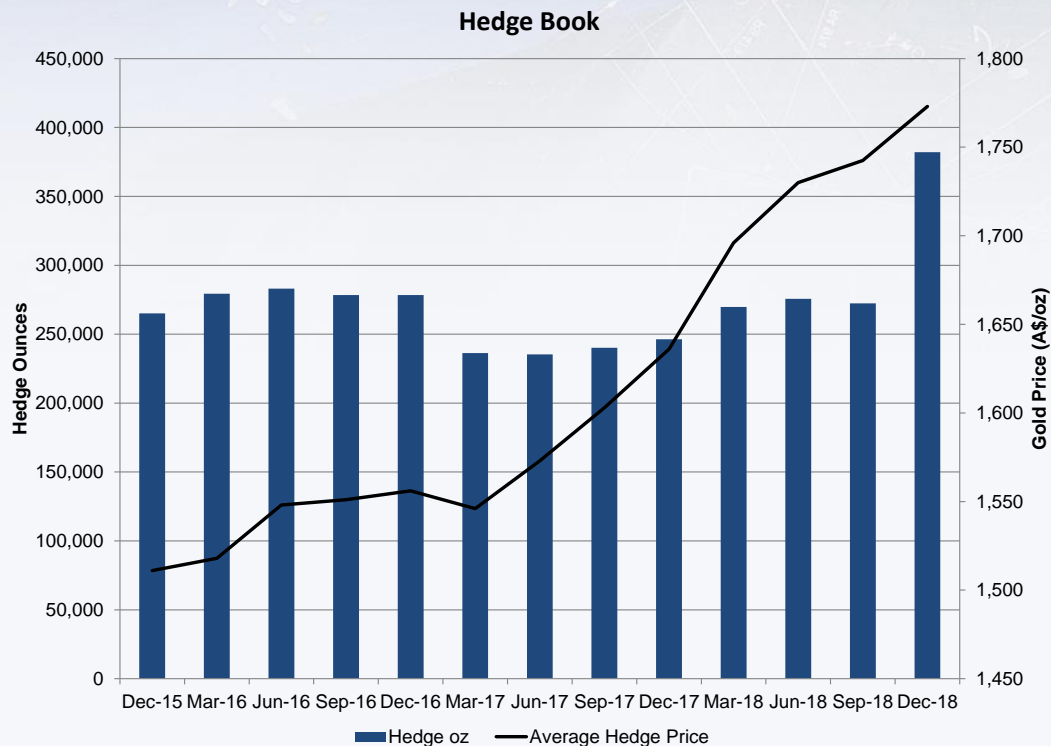
Cash flows

A\$143m cash and equivalents at 31 December 2018:



Hedge book

Vastly improved:



Quarter	Quantity	Price
	oz	A\$/oz
Mar-19	60,600	\$1,738
Jun-19	59,500	\$1,742
Sep-19	41,000	\$1,732
Dec-19	42,000	\$1,763
Mar-20	36,500	\$1,775
Jun-20	36,000	\$1,786
Sep-20	28,500	\$1,796
Dec-20	22,000	\$1,822
Mar-21	21,000	\$1,825
Jun-21	15,000	\$1,831
Sep-21	12,000	\$1,852
Dec-21	8,000	\$1,868
Total	382,100	\$1,773

Operations - Carosue Dam



Quarterly highlights:

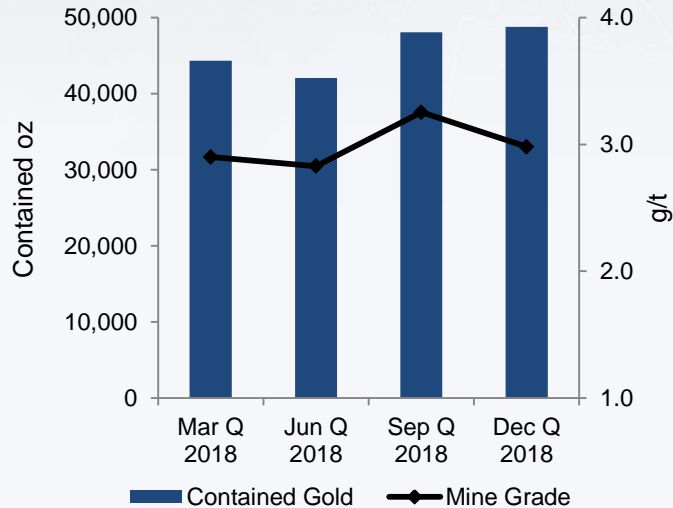
- **Gold production - 53,108oz at an AISC of A\$1,005/oz**
- **Mine operating cash flow - A\$48.1m**
- **Net mine cash flow - A\$23m (after growth capital of A\$25m)**
- Karari underground gold mined - 33.5koz @ 3.0g/t
- Karari ore production – Increased to 342kt ore (~1.4Mtpa rate)
- Deep South underground gold mined - 13.2koz @ 3.1g/t
- Milling – Processed 616kt of ore @ 2.9g/t with a 92.8% recovery

Operations - Carosue Dam

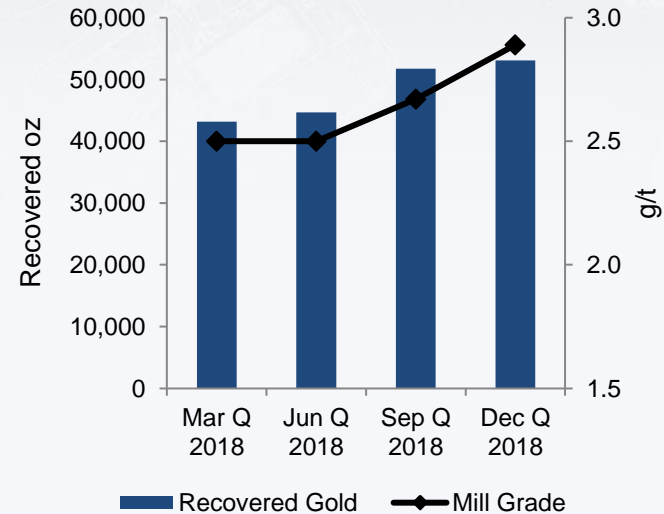


Quarterly highlights:

Underground mining



Milling

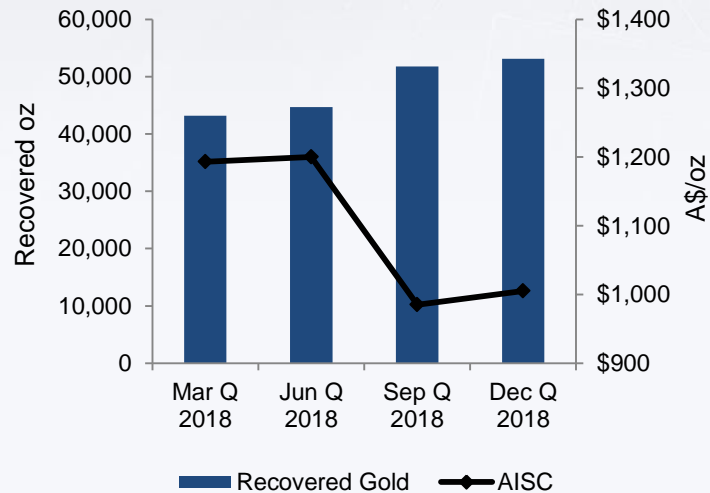


Operations - Carosue Dam

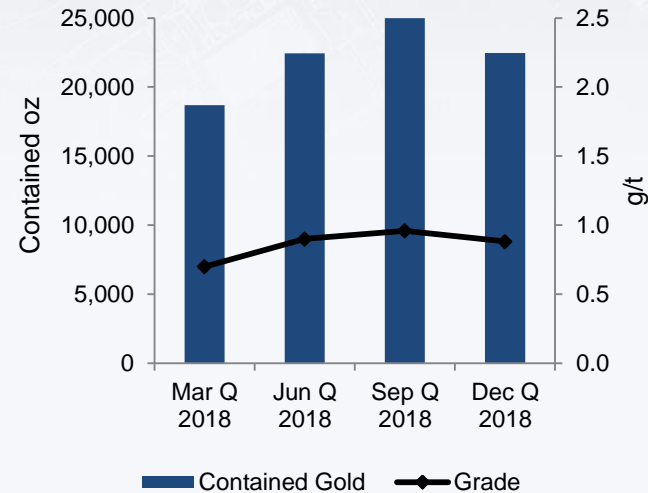


Quarterly highlights:

Production and AISC



Closing ore stockpile



Quarterly highlights:

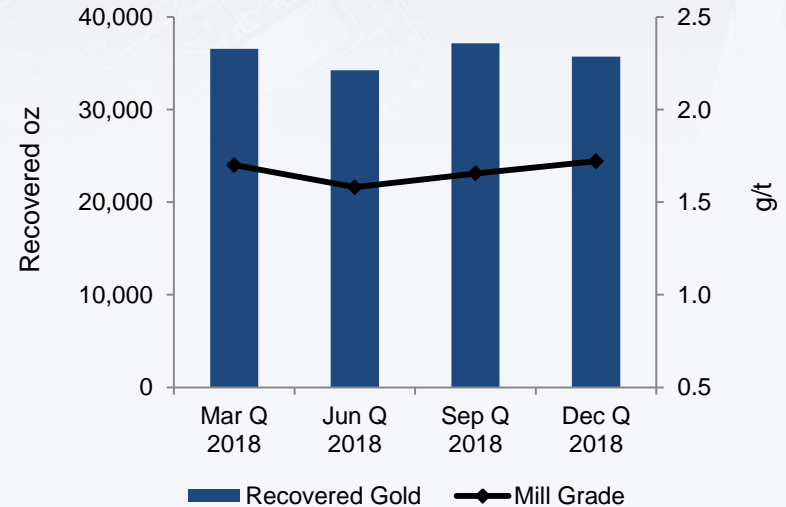
- **Gold production - 35,725oz at an AISC of A\$1,149/oz**
- **Mine operating cash flow - A\$19.3m**
- **Net mine cash flow - A\$2m (after growth capital of A\$18m)**
- Total open pit material movement -1.7 million BCM
- Kailis open pit - Mining underway at stage 2
- Open pit ore mined - 545kt with a mine grade of 1.4g/t
- Milling - Processed 684kt of ore @ 1.7g/t with a 94.4% recovery
- Expanded tailings facility completed - Will cater for +10 year mine life
- Acquired Intermin's interest in Lehman's Well, now 100% of high quality Otto Bore deposit

Quarterly highlights:

Open pit mining

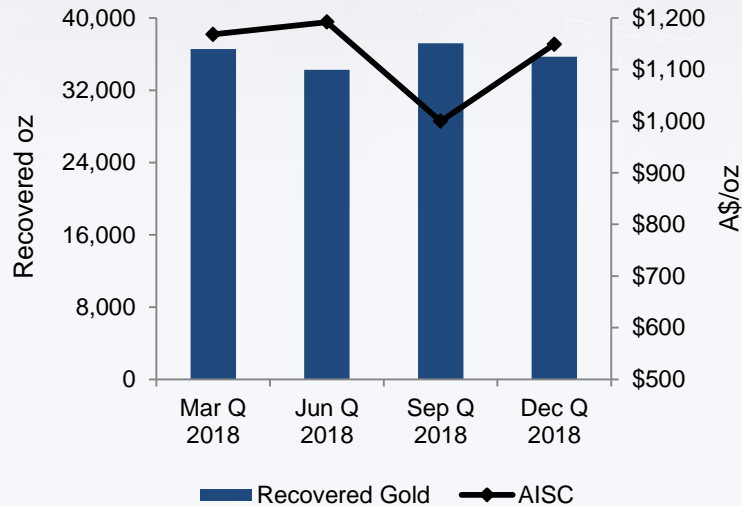


Milling

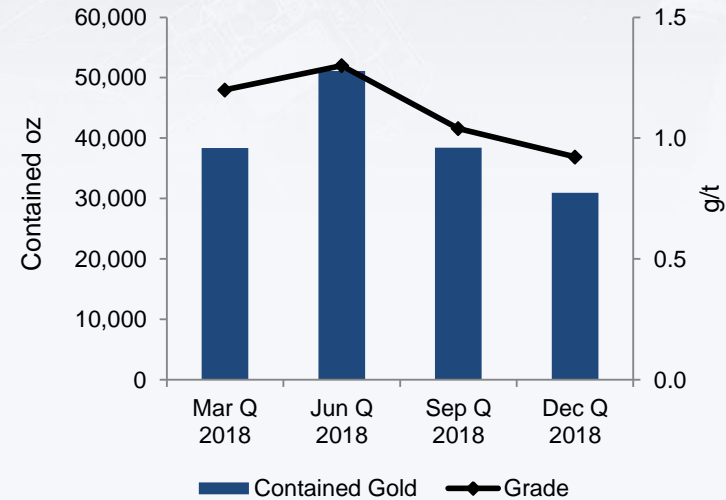


Quarterly highlights:

Production and AISC



Closing ore stockpile



Discovery and growth – Thunderbox UG

“Thunderground” underway:



The Australian growth stock

Discovery and growth – Carosue Dam

Karari paste fill plant and thickener, on track for first pour in the June quarter 2019:



Discovery and growth – Carosue Dam



Carosue Dam Airstrip – Nearing completion:



Discovery and growth – Carosue Dam



Drilling underway at Mt Celia :



Discovery and growth – Carosue Dam



Core farm expansion commenced:



The Australian growth stock

Discovery and growth – Thunderbox

Bannockburn drilling in full swing:



- We have a simple business plan – We **mine where we mill**
- We **deliver** – Beat FY18 guidance, increased FY19 guidance
- We have an outstanding platform for growth – **People, assets, balance sheet**
- We are a **growth business** – **More to come:**
 - FY19 production guidance - Increased to 345-365koz (from 325-345koz)
 - FY20 production guidance - To revise in the September quarter 2019
 - 7 year outlook / “flight to 400” - To revise in the September quarter 2019
- We are **fully funded** to deliver our next chapter of growth

APPENDIX A – Competent persons



Competent Persons Statements

The information on Mineral Resources and Ore Reserves has been extracted from the ASX announcements titled “Reserves grow by 20% to 2.5Moz” dated 1 August 2018. This report is available to view on the ASX Website at www.asx.com.au and on the Company’s website at www.saracen.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of Mineral Resources and Ore Reserves, that all market assumptions and technical assumptions underpinning the estimates in the relevant market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original market announcements.

The information in the report to which this statement is attached that relates to Exploration Results and Mineral Resources related to Gold is based upon information compiled by Mr Daniel Howe, a Competent Person who is a member of The Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Daniel Howe is a full-time employee of the Company. Daniel Howe has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Daniel Howe consents to the inclusion in the report of matters based on his information in the form and context in which it appears.

The information in the report to which this statement is attached that relates to Exploration Results and Mineral Resources related to Nickel is based upon information compiled by Mr Lynn Widenbar, a Competent Person who is a member of The Australasian Institute of Mining and Metallurgy. Lynn Widenbar is a consultant to Saracen Mineral Holdings. Lynn Widenbar has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Lynn Widenbar consents to the inclusion in the report of matters based on his information in the form and context in which it appears.

The information in the report to which this statement is attached that relates to underground Ore Reserves at Deep South, Karari and Whirling Dervish is based upon information compiled by Stephen King, a Competent Person who is a member of The Australasian Institute of Mining and Metallurgy. Stephen King is a full-time employee of the Company. Stephen King has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Stephen King consents to the inclusion in the report of matters based on his information in the form and context in which it appears.

The information in the report to which this statement is attached that relates to all open pit Ore Reserves relating to Gold based upon information compiled by Hemal Patel, a Competent Person who is a member of The Australasian Institute of Mining and Metallurgy. Hemal Patel is a full-time employee of the Company. Hemal Patel has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Hemal Patel consents to the inclusion in the report of matters based on his information in the form and context in which it appears.

The information in the report to which this statement is attached that relates to underground Ore Reserves at Thunderbox is based upon information compiled by Brad Watson, a Competent Person who is a member of The Australasian Institute of Mining and Metallurgy. Brad Watson is a consultant to Saracen Mineral Holdings through AMC Consultants. Brad Watson has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Brad Watson consents to the inclusion in the report of matters based on his information in the form and context in which it appears.

APPENDIX B – Ore Reserves

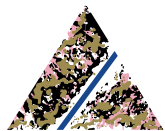


Location	Deposit	Mine Type	Proved Reserves			Probable Reserves			Total Ore Reserves		
			tonnes	g/t	oz	tonnes	g/t	oz	tonnes	g/t	oz
Carosue Dam	Karari	UG				7,000,000	3.1	700,000	7,000,000	3.1	700,000
	Dervish	UG				3,500,000	2.7	300,000	3,500,000	2.7	300,000
	Million Dollar	OP				2,800,000	1.1	100,000	2,800,000	1.1	100,000
	Wallbrook	OP	230,000	1.1	8,000	1,300,000	1.2	51,000	1,500,000	1.2	59,000
	Enterprise	OP	170,000	2.0	11,000	140,000	2.4	11,000	310,000	2.2	22,000
	Deep South	UG				430,000	3.0	42,000	430,000	3.0	42,000
	Stockpiles	S	820,000	0.8	22,000				820,000	0.8	22,000
	Carosue Dam Operations Sub-Total		1,200,000	1.1	41,000	15,000,000	2.5	1,200,000	16,000,000	2.3	1,200,000
	Thunderbox	Thunderbox*	OP	1,100,000	1.3	46,000	8,500,000	1.5	410,000	9,600,000	1.5
Thunderbox		UG				8,100,000	2.0	520,000	8,100,000	2.0	520,000
Bannockburn		OP				4,200,000	1.5	200,000	4,200,000	1.5	200,000
Kailis		OP				750,000	1.9	46,000	750,000	1.9	46,000
Stockpiles		S	1,300,000	1.2	51,000				1,300,000	1.2	51,000
Thunderbox Operations Sub-Total		2,400,000	1.3	97,000	22,000,000	1.7	1,200,000	24,000,000	1.7	1,300,000	
Total Ore Reserves			3,600,000	1.2	140,000	37,000,000	2.0	2,400,000	40,000,000	1.9	2,500,000

APPENDIX C – Mineral Resources



Location	Deposit	Measured			Indicated			Inferred			Total		
		tonnes	g/t	oz	tonnes	g/t	oz	tonnes	g/t	oz	tonnes	g/t	oz
Carosue Dam	Karari O/P	21,000	1.3	900	2,100,000	1.5	100,000	230,000	1.4	10,000	2,400,000	1.4	110,000
	Karari U/G	2,000,000	3.3	210,000	7,700,000	3.4	840,000	2,500,000	3.2	260,000	12,000,000	3.4	1,300,000
	Dervish O/P				1,800,000	2.2	120,000	300,000	1.7	16,000	2,100,000	2.1	140,000
	Dervish U/G				7,100,000	2.3	530,000	1,100,000	2.7	98,000	8,200,000	2.4	630,000
	Monty's/Elliots	120,000	2.2	9,000	1,400,000	1.8	83,000	370,000	1.6	19,000	1,900,000	1.8	110,000
	Twin Peaks	40,000	2.3	3,000	560,000	3.4	61,000	80,000	2.8	7,000	680,000	3.2	71,000
	North West				330,000	0.8	9,000	690,000	0.8	18,000	1,000,000	0.8	27,000
	Pinnacles* (ASX:NXM JV)				260,000	4.8	40,000	290,000	4.7	42,000	550,000	4.6	82,000
	Blue Manna							1,100,000	1.5	51,000	1,100,000	1.4	51,000
	Porphyry O/P				4,200,000	1.3	170,000	2,100,000	1.2	84,000	6,300,000	1.2	250,000
	Porphyry U/G				3,000,000	3.3	310,000	1,600,000	3.3	170,000	4,600,000	3.2	480,000
	Million Dollar				5,600,000	1.3	230,000	2,100,000	1.5	99,000	7,700,000	1.3	330,000
	Wallbrook	1,300,000	1.1	44,000	6,800,000	1.0	220,000	4,000,000	1.1	140,000	12,000,000	1.0	400,000
	Margarets				48,000	1.4	2,000	630,000	1.1	22,000	680,000	1.1	24,000
	Enterprise	220,000	2.1	15,000	310,000	2.2	22,000	140,000	2.2	10,000	670,000	2.2	47,000
	Safari Bore	780,000	2.0	50,000	1,400,000	2.3	100,000	670,000	2.3	50,000	2,900,000	2.1	200,000
	Deep South O/P	36,000	4.0	5,000	230,000	1.9	14,000	380,000	1.6	19,000	650,000	1.8	38,000
	Deep South U/G	460,000	3.9	58,000	810,000	3.3	85,000	610,000	3.2	63,000	1,900,000	3.4	210,000
	Deep Well				68,000	2.2	5,000	15,000	2.0	1,000	83,000	2.2	6,000
	Thin Lizzie							330,000	1.3	14,000	330,000	1.3	14,000
	Tin Dog							1,300,000	1.3	54,000	1,300,000	1.3	54,000
Thunderbox	Bulldog							1,500,000	0.9	44,000	1,500,000	0.9	44,000
	Crimson Belle				970,000	1.8	55,000	570,000	1.4	26,000	1,500,000	1.7	81,000
	Butcher Well				2,700,000	1.7	140,000	2,300,000	1.7	130,000	5,000,000	1.7	270,000
	Ore Stockpiles	820,000	1.6	22,000							820,000	0.8	22,000
	Sub-grade stockpiles	1,900,000	0.6	32,000							1,900,000	0.5	32,000
	Carosue Dam Mineral Resources	7,700,000	1.8	450,000	47,000,000	2.1	3,100,000	25,000,000	1.7	1,400,000	80,000,000	1.9	5,000,000
	Thunderbox	3,100,000	1.6	160,000	31,000,000	1.7	1,700,000	7,000,000	1.4	310,000	41,000,000	1.7	2,200,000
	Otto Bore (Mangilla)				1,100,000	2.0	74,000	310,000	1.6	16,000	1,400,000	2.0	90,000
	Rainbow	230,000	1.5	11,000	590,000	1.2	23,000	910,000	1.0	30,000	1,700,000	1.2	64,000
	Bannockburn				9,000,000	2.0	560,000	3,200,000	1.6	160,000	12,000,000	1.9	720,000
Thunderbox	North Well				4,300,000	1.5	210,000	2,500,000	1.6	120,000	6,800,000	1.5	330,000
	Kailis				1,500,000	2.1	100,000	260,000	1.8	15,000	1,800,000	2.1	120,000
	Ore Stockpiles	1,300,000	1.1	51,000							1,300,000	1.2	51,000
	Sub-grade stockpiles	380,000	0.6	6,800							380,000	0.6	6,800
	Thunderbox Mineral Resources	5,000,000	1.4	230,000	47,000,000	1.8	2,700,000	14,000,000	1.4	650,000	66,000,000	1.7	3,600,000
Total													
	Total Mineral Resources	13,000,000	1.6	680,000	94,000,000	1.9	5,800,000	39,000,000	1.7	2,100,000	150,000,000	1.8	8,600,000



Saracen

Contact Details:

Troy Irvin

Corporate Development Officer

phone: +61 8 6229 9100

email: info@saracen.com.au

www.saracen.com.au



Flight to 400
→