



FUTURE PROOFING OUR BUSINESS

RALEIGH FINLAYSON

MANAGING DIRECTOR

ASX GOLD PRODUCER

Diggers & Dealers Mining Forum 7th August 2019

Mind the Gap







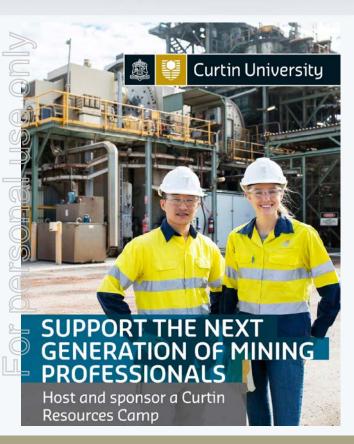




- 68 first year Curtin Engineering students embarked on a Mining Camp to Kalgoorlie in August 2018, with 8 students interested in a Mining Engineering career pre-camp...
- ...32 enrolled post camp, camp happening again in 2019
- More information on the 2018 camp watch the Today Tonight clip https://vimeo.com/351831312?ref=em-share

Mind the Gap





CURTIN RESOURCES CAMP

Benefits to industry

- A flow of better prepared engineering graduates with a thorough understanding of the resources industry.
- Early identification of talented graduates for a continual pipeline of future industry leaders.
- Promotion of the resources industry's commitment to gender and cultural diversity, environment and sustainability.

Benefits to students

- Site visits will equip students with a practical understanding of the resources industry and expose them to the exciting and rewarding opportunities available in the regions.
- Exposing students to the industry in their first year will better prepare them for careers in resources.
- Cultural interactions will help students understand the role of Indigenous Australians in the country's resources industry.

Be part of the Curtin Resources Camp.
Email admin@wasma.com.au now for details

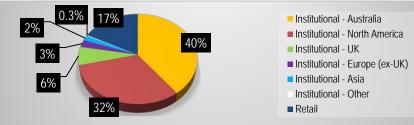
- WA School of Mines looking for industry support to run at least 4 camps (200 students) from 2020 onwards...
- ...we need your help...
- ...if you would like to get involved, as a sponsor, host or in-kind...
- Contact : admin@wasma.com.au
- Saracen committed...

Corporate Overview

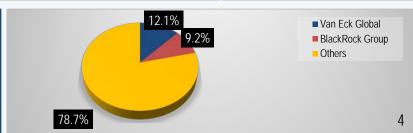


Ke	y metrics (ASX:SAR)		Board				
Shares on issue	831.4m		Non-Executive Chairman	Tony Kiernan			
Share price	A\$4.45		Managing Director	Raleigh Finlayson			
Market cap	A\$3.7b	At 6 Aug	Non-Executive Director	Martin Reed			
75		2019	Non-Executive Director	John Richards			
Liquidity	30-day ADV 7.6m shares		Non-Executive Director	Dr Roric Smith			
Major indices	ASX200, GDX/GDXJ, MSCI Small cap		Non-Executive Director	Samantha Tough			
Cook bullion investments	A\$154m		Executive				
Cash, bullion, investments	A\$134III		Executiv	e			
Debt Debt	Nil	At 30 Jun 2019	Chief Financial Officer	e Morgan Ball			
		At 30 Jun 2019					
Debt	Nil		Chief Financial Officer	Morgan Ball			
Debt Hedging	Nil 419koz @ A\$1,840/oz	2019 At 30 Jun	Chief Financial Officer Chief Operating Officer	Morgan Ball Simon Jessop			
Debt Hedging Safety - LTIFR	Nil 419koz @ A\$1,840/oz 0.8 (v industry average 1.9)	2019	Chief Financial Officer Chief Operating Officer Corporate Development Officer	Morgan Ball Simon Jessop Troy Irvin			









The growing Australian gold stock



We demand safety and production

- ▲ Improved safety LTIFR 0.8 30 June 2019 (v 1.9 WA gold average), more to do...
- ▲ More production Long life 400koz pa outlook, 100% in Reserves
- ...from two simple growing Australian operations Carosue Dam and Thunderbox

FY20 group guidance - 350-370,000oz at AISC of A\$1,025 - A\$1,075/oz

More cash flow - Cash, bullion and investments of A\$154m, no debt

More profit - December H A\$43m, June H A\$47-50m (unaudited)

More Reserve growth:

- All mines open, shallow, and with grades increasing at depth
- ▲ Reserves 3.3Moz* at 30 June 2019 ...~80% within 500m of two processing centres
- Outstanding drill results bode well for 4Moz** target within next 4 years

*Please refer to the ASX releases dated 1st August 2019 - "Reserves grow 32% to 3.3Moz, underpinning long life 400kozpa".

^{**} Forward looking Ore Reserve growth is an aspirational target only and is not an estimate of current Ore Reserves. The potential quantity is conceptual in nature, and it is uncertain if further exploration will result in achieving this target.



Sustainability - Our culture



Our Culture:

Thinking and acting like **OWNERS** - 98% of Saracen employees own shares in our company Living our **VALUES** - Safety, Attitude, Communication, Delivery, Courage











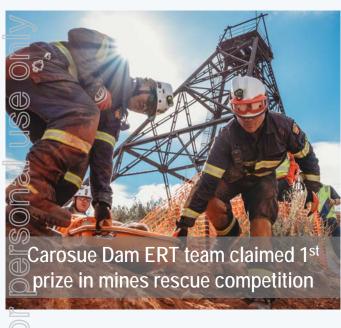


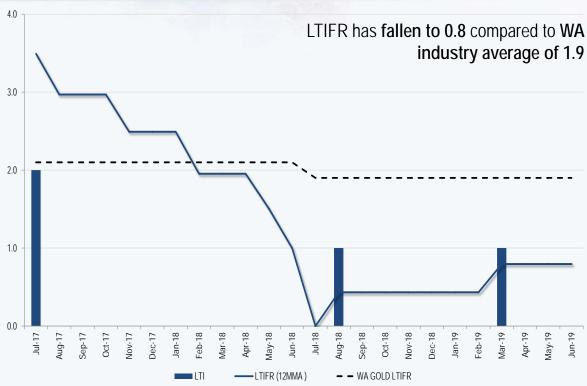


Valuing SAFETY as the key enabler for high performance teams

Sustainability - Safety Performance







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 SAfetyPerfWA T718.pdf

The Things That Matter





"It is extremely difficult for me to find the words that can truly express how much I appreciate the support Leonora District High School is receiving from Saracen.

"The Art Prize was a huge success which allowed students to experience success through their artistic talents"

Jennette Maxfield Leonora High Principal

It is with great pleasure that I announce that

SARACEN MINERALS

has donated \$6000 to fund our overnight camp. This means that there is no charge to families for the overnight camp. I can't thank the generosity of Saracen Minerals enough.

This means so much to the O'Connor ESC community.

The Things That Matter





"The highlight was decorating our hair with the aboriginal flag colours, which they took great delight in showing their teachers and other students what they had done"
Aaron Smith Senior Mine Geologist,

Rebekah Cornelius Graduate Geologist



"Thanks for giving us such a great opportunity to mingle with the community! Lots of people came up to us and thanked Saracen for supporting them! My own little highlight was holding a Joey for the first time in my life!

Alessandra Meschenmoser - Geologist

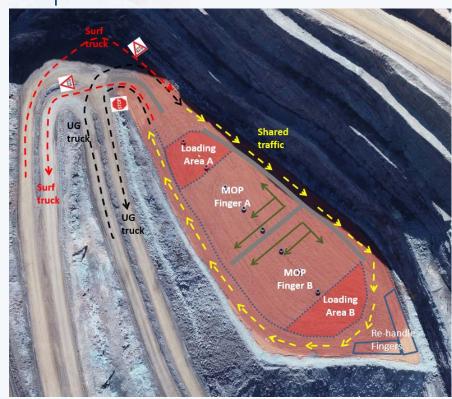
Sustainability - TALO



Thinking and Acting Like Owners - Recent initiatives implemented:

Dervish in-pit ore pad:

- Reduction in haulage distance for underground trucks with ore tipped in pit (close to UG portal)
- Ore transferred by contract surface fleet (larger trucks) to mill ROM pad as required
- RESULT = Savings of ~A\$2.7m p.a.



Sustainability - TALO



Thinking and Acting Like Owners - Recent initiatives implemented:

Carosue Dam mill trommel:

- Downtime associated with scale on trommel reduced by application of antiscalant
- Trommel re-designed to improve life and also throughput
- RESULT = An increase of 80ktpa equates to an additional 6,500ozpa produced (assuming FY19 mill grade and recovery)
- Being replicated at Thunderbox mill



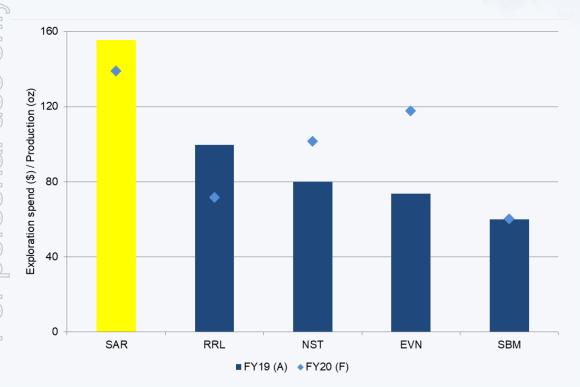
May 2019



Challenge the Status Quo



Punching above our weight - Sector leading exploration spend per production oz

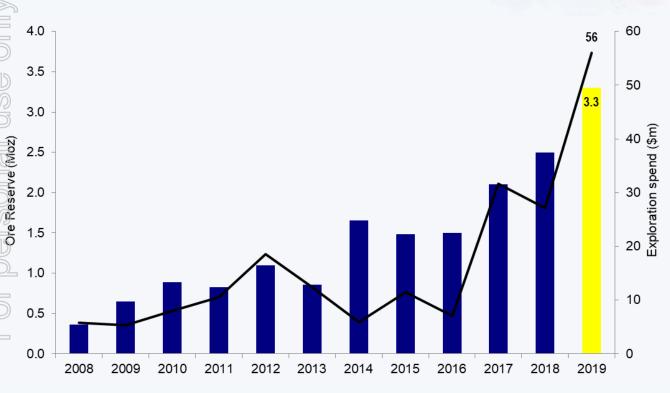


- Aggressive exploration spend over the past three years has resulting in doubling reserves (after mining depletion)...
- ...delivered sector-leading growth at an impressive \$30/oz reserve discovery cost...
- This track record of success has motivated FY20 exploration guidance of A\$50m

Delivery - Reserves Growth



4Moz* target within next 4 years

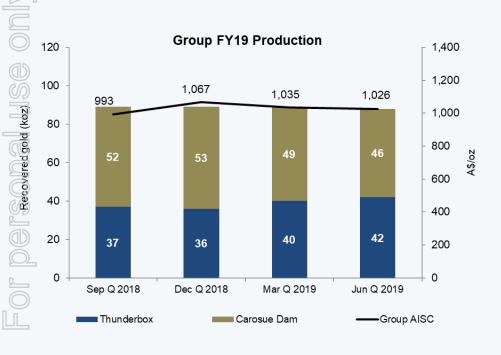


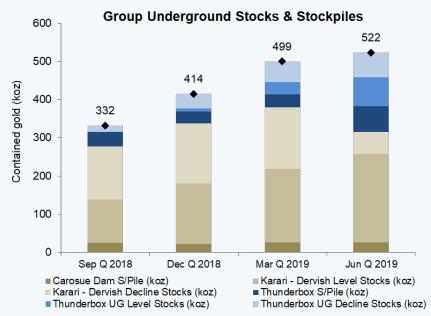
- Increased exploration spend in recent years...
- ...delivered global-leading growth...
- ...with Reserves doubling over the past three years (after mining depletion)
- This track record of success has motivated FY20 exploration guidance of A\$50m

Delivery - Consistent and Persistent



Communication: Future proofing our business

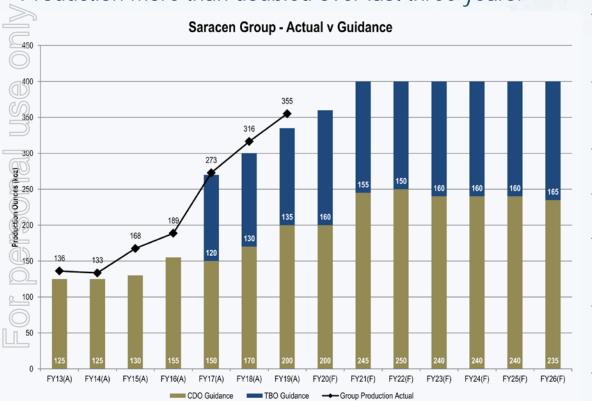




Delivery - Production Growth



Production more than doubled over last three years:



- FY20 guidance 350 370koz at AISC A\$1,025 1,075/oz (progressive over the 12 months)
- 400koz pa from FY21 (after Carosue Dam mill expanded to 3.2Mtpa)
- High confidence 100% in Reserves
- ~60% Carosue Dam / ~40% Thunderbox
- Assumes no exploration success, no M&A success, no third party ore purchases
- ▲ Excludes recent "bolt-on" acquisitions (Box Well, Wonder North Bligh)
- Excludes emerging Atbara discovery (also not in Resources)

Future Proofing Our Business











Carosue Dam - Overview



Simple business plan "we mine where we mill"...

...afforded by the transformational growth of the Karari - Dervish mine adjacent to the mill

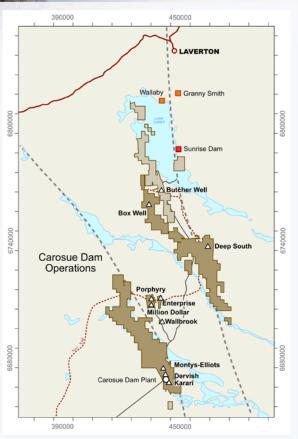
1.8Moz in Reserve (including Karari - Dervish 1.2Moz)

Mill to be expanded to 3.2Mtpa during FY20-21 (currently 2.4Mtpa), A\$34m capital cost

Open pit mining to resume in FY21 - Simple single fleet mine plan underpinned by 9.0Mt Reserves (+10 years of additional mill capacity of 800ktpa)

Under-explored mine corridor presents opportunity for further repeat deposits e.g. **Atbara discovery within 4km of the mill**

Stellar regional exploration upside from a ~23Moz gold camp



Carosue Dam - Mind the Gap



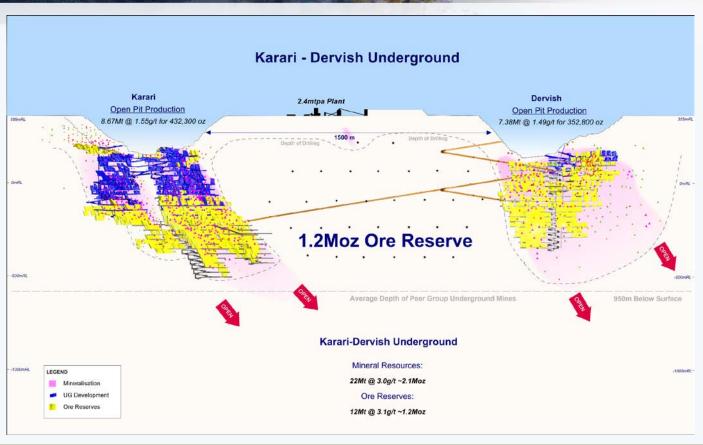
Karari - Dervish mine:

Reserve increased to 1.2Moz, up 20%

Materials handling optimisation - Increased productivity / lower costs from one of the largest tonnage underground gold mines in Australia

Haulage decline enables exploration to be conducted in the "gap"

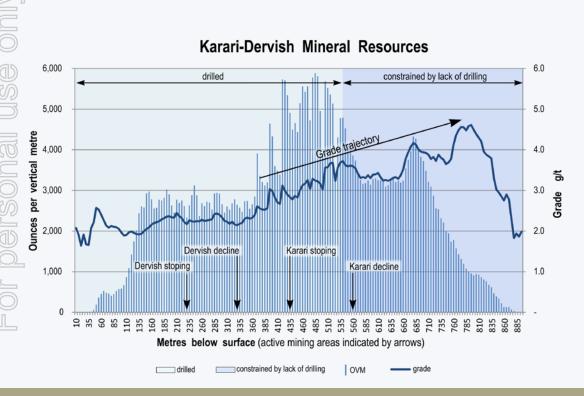
Studies underway...



Carosue Dam - BAD



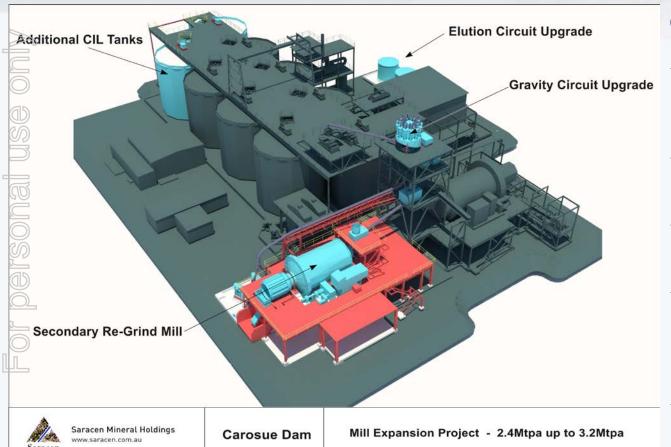
YES, Better At Depth:



- Grades continue to increase at depth
- Increase in oz per vertical m to be fully exploited following recent addition of paste fill
- Drilling is now focused on close spaced infill
- A new drill platform will be completed June H 2020 for the next phase of Reserve growth, weighted to FY21...
- ...counterbalanced by enhanced contributions in FY20 from other areas within the portfolio

Carosue Dam - Mill expansion





Commissioning December Q 2020:

- Mill throughput increases to 3.2Mtpa (from 2.4Mtpa) during FY20-21, A\$34m capital cost
- Recovery increases to 94% (from 93%)
- Unit milling costs reduce by ~A\$1.50 - A\$2.50/t
- Additional ore required to fill the expanded mill will be sourced from the Carosue Dam open pits (+10 years at 800ktpa in Reserves)
- Mill feed 70-75% underground ore / 30-25% open pit ore

Thunderbox - Overview



'Does what it says on the tin' (~100% reconciliation to date)

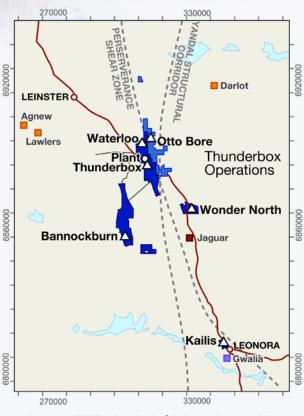
~1.5Moz in Reserve

Growth opportunities include:

- ▲ "Thunderground" 720koz Reserve @ 2.0g/t, high productivity, low cost, long life simple underground mine, development progressing, materials handling opportunities due to very large scale
- ▲ Thunderbox D Zone Growing near surface C / D Zone cut-back, upgraded by recent drilling including 43m @ 3.7g/t and 73m @ 1.9g/t
- Otto Bore 60koz Reserve @ 2.0g/t, shallow open pit, 9km from mill
- ▲ **Bundarra** "Bolt-on" acquisition, 660koz Resource[^] (including Wonder North), drilling planned

Neighbours include Gold Fields, Red 5 (Darlot, King of the Hills

- Maiden 1.5Moz Reserve, SAR >10%), Genesis and St Barbara

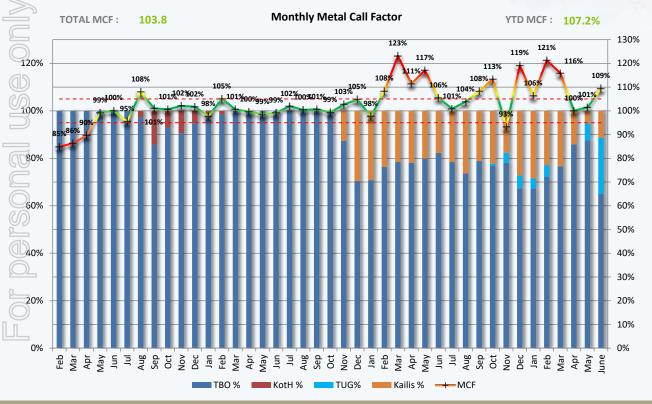


[^] Refer to the ASX:BGH release dated 24th April 2019 - "Quarterly activities and cash flow reports - 31 March 2019".

Thunderbox - Mill Reconciliation



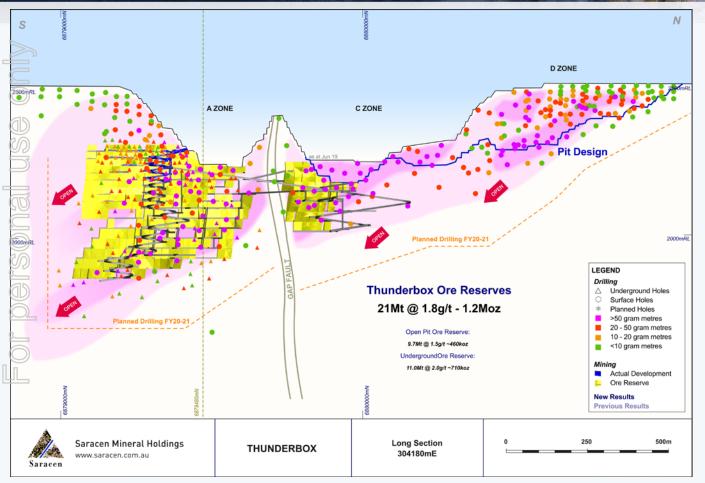
It really does do what is says on the tin:



- Pre-Kailis Average mill reconciliation **99**% (homogeneous orebody)
- Including Kailis Average mill reconciliation 108%...
- ...positive impact of high nugget ore)
- Kailis Stage 2 entering the mill feed

Thunderbox - 'Does What it Says on the Tin'

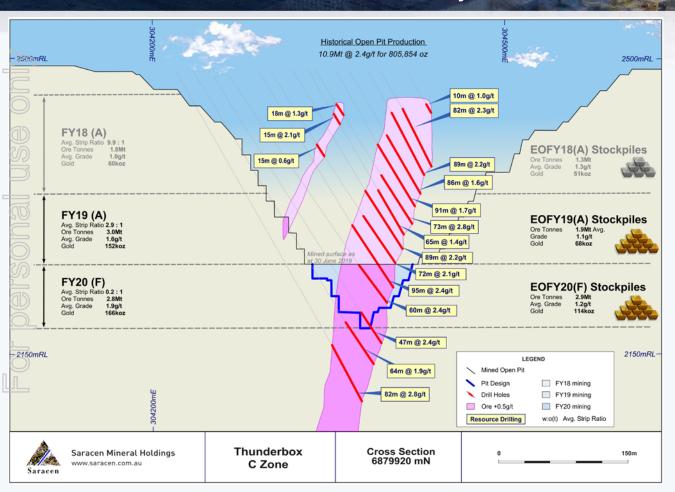




- C Zone FY20 / 21 base load...
- ...supplemented by Kailis open pit high grade soft oxide
- "Thunderground" development well underway, stoping from FY21
- D Zone cut-back long term open pit feed
- All zones open down plunge
- Satellite open pits e.g. Otto Bore, Wonder North to be integrated into LOM
 - Wonder North / Bannockburn More base lode up the sleeve

Thunderbox - 'Does What it Says on the Tin'





'Does what it says on the tin':

- High productivity / low cost
- Top down method (no pit staging)
- As the mine progresses:
 - Grade rises (1.0 to 1.9g/t)
 - Strip ratio falls (10 to zero)
 - ▲ AISC falls to ~A\$625/oz
 - ▲ Stockpiles grow to 114,000oz
 - Cash flow increases dramatically

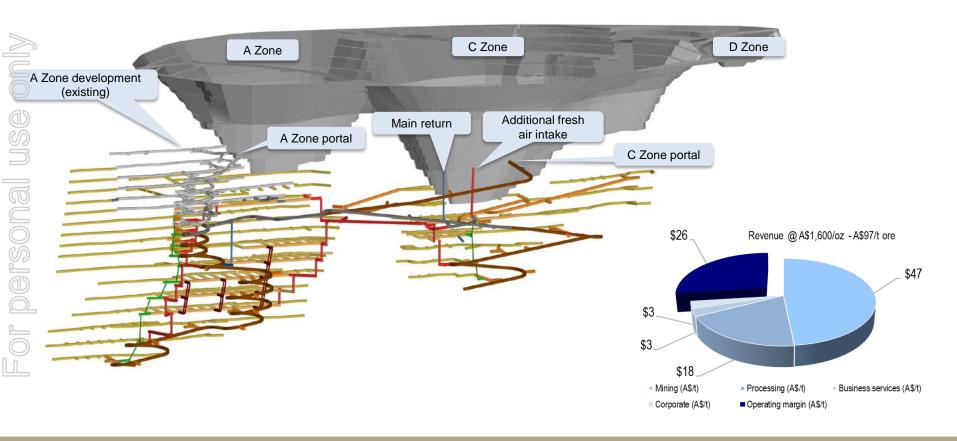
Thunderbox C Zone - 2336m RL





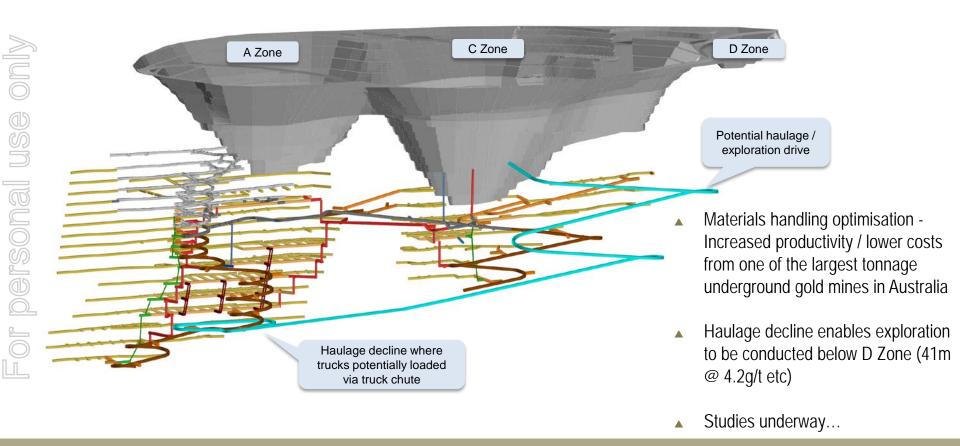
Thunderbox - 'Does What it Says on the Tin'





Thunderbox - 'Does What it Says on the Tin'





More



- We have a simple business plan We mine where we mill
 - We deliver Beat FY18 guidance, Beat FY19 (twice upwardly revised) guidance
 - We have an outstanding platform for growth People, assets, balance sheet
 - We are a **growth business More to come**:
 - FY20 production guidance
 - Long term production outlook
 - Pipeline of further growth opportunities
- 350-370koz at AISC of A\$1,025 1,075/oz
- 400koz pa from FY21, 100% in Reserves
- Including significant exploration upside
- We are **fully funded** to deliver our next chapter of **growth**

Ore Reserves^



Location Deposit		Mine Type		Proved Reserves		Р	robable Reserve	S	Total Ore Reserves			
			tonnes	g/t	OZ.	tonnes	g/t	OZ.	tonnes	g/t	OZ.	
	Karari / Dervish'	UG				12,000,000	3.1	1,200,000	12,000,000	3.1	1,200,000	
	Deep South	UG				530,000	3.2	54,000	530,000	3.2	54,000	
	Karari South	OP				1,700,000	1.4	78,000	1,700,000	1.4	78,000	
Dam	Monty's Elliot	OP				880,000	1.9	53,000	880,000	1.9	53,000	
	Million Dollar	OP				3,900,000	1.3	160,000	3,900,000	1.3	160,000	
en	Wallbrook	OP	230,000	1.1	8,000	1,300,000	1.2	51,000	1,500,000	1.2	59,000	
©.0S	Enterprise	OP	170,000	2.0	11,000	250,000	2.2	18,000	420,000	2.1	29,000	
Carosue	Porphyry	OP				570,000	1.5	27,000	570,000	1.5	27,000	
	Porphyry	UG				1,200,000	2.9	110,000	1,200,000	2.9	110,000	
and	Stockpiles	S	840,000	1.0	26,000	-	-	-	840,000	1.0	26,000	
	Carosue Dam Operations Sub-	-Total	1,200,000	1.2	45,000	22,000,000	2.5	1,800,000	24,000,000	2.3	1,800,000	
	Thunderbox ²	OP	2,900,000	1.6	150,000	6,800,000	1.4	310,000	9,700,000	1.5	460,000	
Thunderbox	Thunderbox	UG				11,000,000	2.0	710,000	11,000,000	2.0	710,000	
₩ Q	Otto Bore	OP				950,000	2.0	60,000	950,000	2.0	60,000	
Q	Bannockburn	OP				3,500,000	1.7	190,000	3,500,000	1.7	190,000	
##	Kailis	OP				770,000	2.0	49,000	770,000	2.0	49,000	
	Stockpiles	S	1,900,000	1.1	68,000	-	-	-	1,900,000	1.1	68,000	
	Thunderbox Operations Sub-1	otal	4,800,000	1.4	220,000	23,000,000	1.8	1,300,000	28,000,000	1.7	1,500,000	
Total Ore Reserves		6,000,000	1.4	270,000	45,000,000	2.1	3,100,000	52,000,000	2.0	3,300,000		



All data rounded to two significant figures. Rounding errors may occur.

¹ Karari / Dervish UG includes both Karari and Whirling Dervish resources

² Thunderbox OP includes both C and D Zone resources

 $^{^{\}wedge}\,\text{Refer to the ASX release dated }1^{\text{st}}\,\text{August 2019} \text{ -"Reserves grow }32\%\text{ to }3.3\text{Moz, underpinning long life }400\text{kozpa"}.$

Mineral Resources^{^^}



		Measured		Indicated			Inferred			Total			
Location	Deposit	tonnes	g/t	OZ	tonnes	g/t	OZ	tonnes	g/t	OZ	tonnes	g/t	OZ
	Karari / Dervish O/P	24,000	1.3	990	4,100,000	1.7	220,000	280,000	1.6	14,000	4,400,000	1.6	230,000
	Karari / Dervish U/G ¹	3,900,000	3.8	480,000	16,000,000	2.8	1,400,000	2,100,000	3.1	210,000	22,000,000	3.0	2,100,000
	Monty's/Elliots		0.0		1,400,000	2.2	98,000	660,000	1.8	38,000	2,100,000	2.1	140,000
	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				680,000	1.1	24,000	1,600,000	0.9	49,000	2,300,000	1.0	73,000
	Pinnacles ² (ASX:NXM JV)				28,000	4.8	4,300	31,000	4.5	4,500	59,000	4.6	8,800
	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				7,000,000	1.4	310,000	3,100,000	1.3	130,000	10,000,000	1.4	440,000
_	Wallbrook	1,300,000	1.1	44,000	6,100,000	1.0	190,000	1,500,000	0.8	36,000	8,900,000	0.9	270,000
a	Margarets		0.0		48,000	1.4	2,000	630,000	1.1	22,000	680,000	1.1	24,000
Õ	Enterprise Safari Bore	220,000 780.000	2.1 2.0	15,000 50,000	310,000 1,400,000	2.2	22,000 100,000	140,000 670,000	2.2 2.3	10,000 50,000	670,000 2,900,000	2.2 2.1	47,000 200,000
Pe	Deep South O/P	43,000	4.0	5,500	260,000	2.3 1.9	16.000	410.000	1.6	21,000	710.000	1.9	43.000
SI	Deep South U/G	230,000	3.7	27.000	1,200,000	3.6	140,000	830,000	3.4	91,000	2,300,000	3.5	260,000
Carosue Dam	Deep Well	230,000	3.1	27,000	68,000	2.2	5,000	15,000	2.0	1,000	83,000	2.2	6,000
ొ	Box Well				1,800,000	1.6	94,000	920,000	1.2	36,000	2,700,000	1.5	130,000
	Belize				280,000	2.1	19,000	1,000,000	1.8	58,000	1,300,000	1.8	77,000
	Thin Lizzie ³ (ASX:AGG JV)				200,000	2.11	17,000	160,000	1.3	6,900	160,000	1.3	6,900
	Tin Dog							1,300,000	1.3	54,000	1.300.000	1.3	54,000
	Bulldog							1,500,000	0.9	44,000	1,500,000	0.9	44,000
	Crimson Belle ³ (ASX:AGG JV)				470,000	1.8	27.000	280,000	1.4	13,000	750.000	1.7	40,000
	Butcher Well O/P ³ (ASX:AGG JV)				470,000	1.0	27,000	1,200,000	1.6	64,000	1,200,000	1.7	64,000
	Butcher Well U/G ³ (ASX:AGG JV)							1,600,000	4.6	230,000	1,600,000	4.5	230,000
	Ore Stockpiles	840.000	1.0	26,000				1,000,000	4.0	230,000	840,000	1.0	26,000
	Sub-grade stockpiles	930,000	0.6	17.000							930.000	0.6	17.000
	Carosue Dam Mineral Resources	8.300.000	2.5	670.000	49.000.000	2.0	3.200.000	25,000,000	1.9	1,500,000	82,000,000	2.0	5,400,000
	Thunderbox	8,300,000	1.8	480,000	29,000,000	1.6	1,600,000	7,200,000	1.3	300,000	45,000,000	1.7	2,400,000
	Otto Bore	,		,	1,300,000	2.1	85,000	820,000	1.6	41,000	2,100,000	1.9	130,000
ŏ	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
ē	Bannockburn				12,000,000	1.7	660,000	960,000	1.7	51,000	13,000,000	1.7	710,000
le le	North Well				4,300,000	1.5	210,000	2,500,000	1.6	120,000	6,800,000	1.5	330,000
_ ⊑	Kailis				1,600,000	2.2	110,000	290,000	1.6	15,000	1,900,000	2.1	130,000
Thunderbox	Ore Stockpiles	1,900,000	1.1	68,000							1,900,000	1.1	68,000
=	Sub-grade stockpiles	340,000	0.5	5,900							340,000	0.5	5,900
	Thunderbox Mineral Resources	11,000,000	1.6	560,000	49,000,000	1.7	2,700,000	13,000,000	1.3	560,000	73,000,000	1.6	3,800,000
	Total Mineral Resources	19,000,000	2.0	1,200,000	98,000,000	1.9	5,900,000	38,000,000	1.7	2,100,000	160,000,000	1.8	9,200,000

^{^^} Refer to the ASX release dated 1st August 2019 -"Reserves grow 32% to 3.3Moz, underpinning long life 400kozpa".

