



Saracen

ASX GOLD PRODUCER - THERE'S NOTHING LIKE AUSTRALIAN GOLD

CORPORATE PRESENTATION - FEBRUARY 2020

RALEIGH FINLAYSON - MANAGING DIRECTOR

MORGAN BALL - CHIEF FINANCIAL OFFICER

TROY IRVIN - CORPORATE DEVELOPMENT OFFICER



Safety



Communication



Delivery



Courage



Attitude



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 A 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.

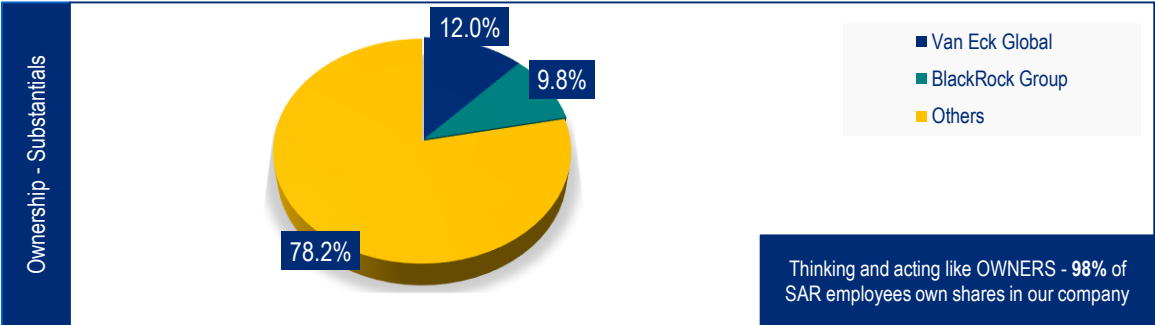
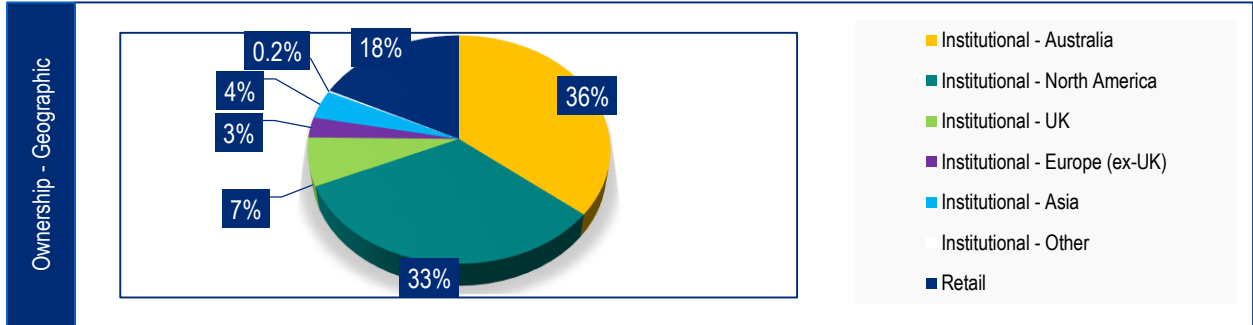
Saracen and its officers do not accept any liability for any loss or damage suffered or incurred by any investor or any other person or entity however caused (including negligence) relating in any way to this presentation including, without limitation, the information contained in it, any errors or omissions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

Corporate Overview



Key metrics (ASX:SAR)		
Shares on issue	1,103m	At 19 Feb 2020
Share price	A\$4.12	
Market cap	A\$4.5b	
Liquidity	30-day ADV 9.8m shares	
Major indices	ASX200, GDX/GDXJ, MSCI Small cap	
Cash, bullion, investments	A\$284m	At 31 Dec 2019
Debt	A\$385m	
Hedging	565koz @ A\$2,027/oz (31 Jan 2020)	
Safety - LTIFR	0.37 (v industry average 1.9)	At 30 Jun 2019
Mineral Resources	15.0 Moz	
Ore Reserves	7.0 Moz	

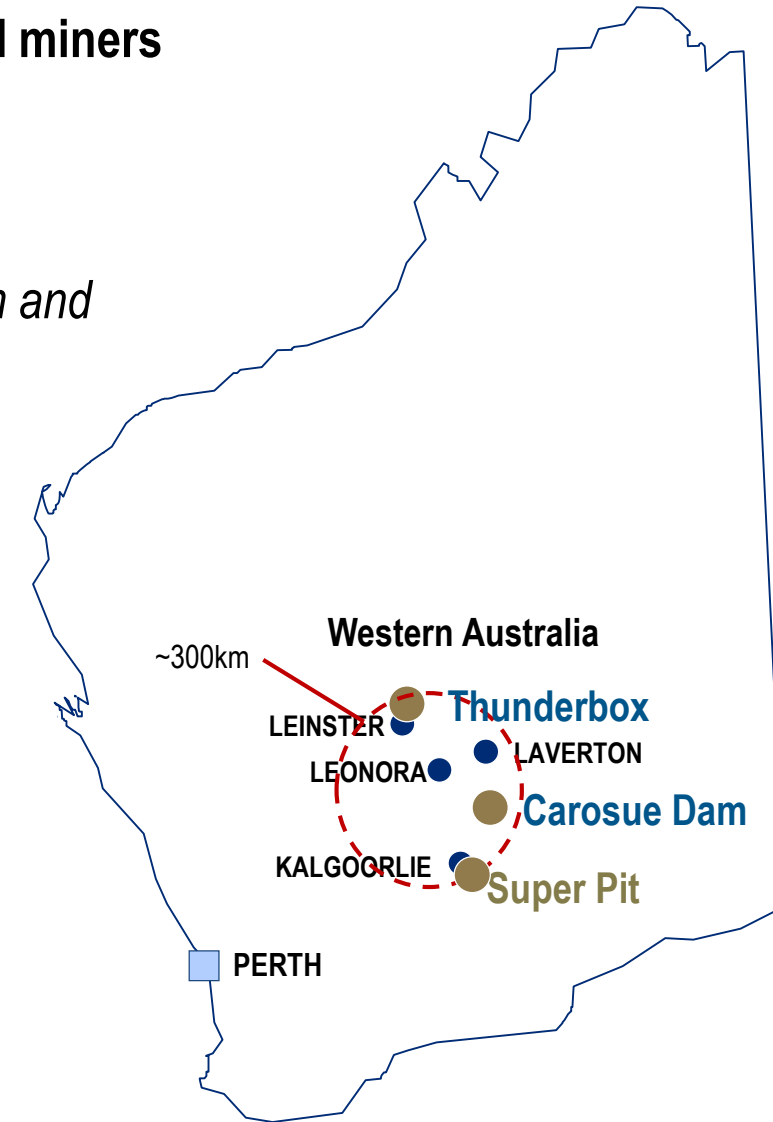
Board	
Non-Executive Chairman	Tony Kiernan
Managing Director	Raleigh Finlayson
Non-Executive Director	Martin Reed
Non-Executive Director	John Richards
Non-Executive Director	Dr Roric Smith
Non-Executive Director	Samantha Tough
Executive	
Chief Financial Officer	Morgan Ball
Chief Operating Officer	Simon Jessop
Corporate Development Officer	Troy Irvin
Chief Geologist	Daniel Howe
GM People, Culture and Communications	Marianne Dravnieks



The all-Australian gold growth stock



- ▲ Acquisition of 50% of the Super Pit **catapults Saracen into the next league of gold miners**
- ▲ **More production and cash flow:**
 - ▲ ***FY20 guidance +500koz, FY21 guidance +600koz...***
 - ▲ ***...from three operations within 300km of Kalgoorlie - Super Pit, Carosue Dam and Thunderbox***
- ▲ ***Immediate step-change in cash flow from the Super Pit***
- ▲ **More mine life:**
 - ▲ ***+10 years based on 7.0Moz Reserves* at 30 June 2019...***
 - ▲ ***...>90% within 500m of three processing centres***
- ▲ Conservative management building a **more sustainable Saracen:**
 - ▲ ***7 year track record of meeting or beating guidance***
 - ▲ ***Future-proofing the business***
 - ▲ ***Seizing the ESG opportunity***



*Refer to the ASX release 18th November 2018 "Binding agreement to acquire interest in Super Pit"

2019 Sustainability Report



1ST PLACE
in CME Surface Mine
Emergency Response
Competition

LTIFR
fell 20%
from 1.0 to 0.8



TRIFR
fell 2%
to 11.5



SARACEN EMPLOYEES
= 433

▲ **% FEMALE WORKFORCE UP** from 16.45 to 18.00



**CO² EMISSIONS
DOWN 7.3%**
reduced from 36.48kg
per ore tonne processed
to 33.83kg per ore
tonne processed



**% water
allocation used:**
43.84%

We are **COMMITTED** to increasing
INDIGENOUS EMPLOYMENT and our
engagement with indigenous businesses



Through Clontarf we engaged our first indigenous apprentices



SUSTAINABILITY POLICY released

97% of employees
own shares

COMMUNITY INVOLVEMENT:



\$0.6M
Total Community
Investment

100%
COMMUNITY
spend in WA

**77% SPEND
REGIONALLY**

**78% OF
PROCUREMENT
SPEND IS IN WA**



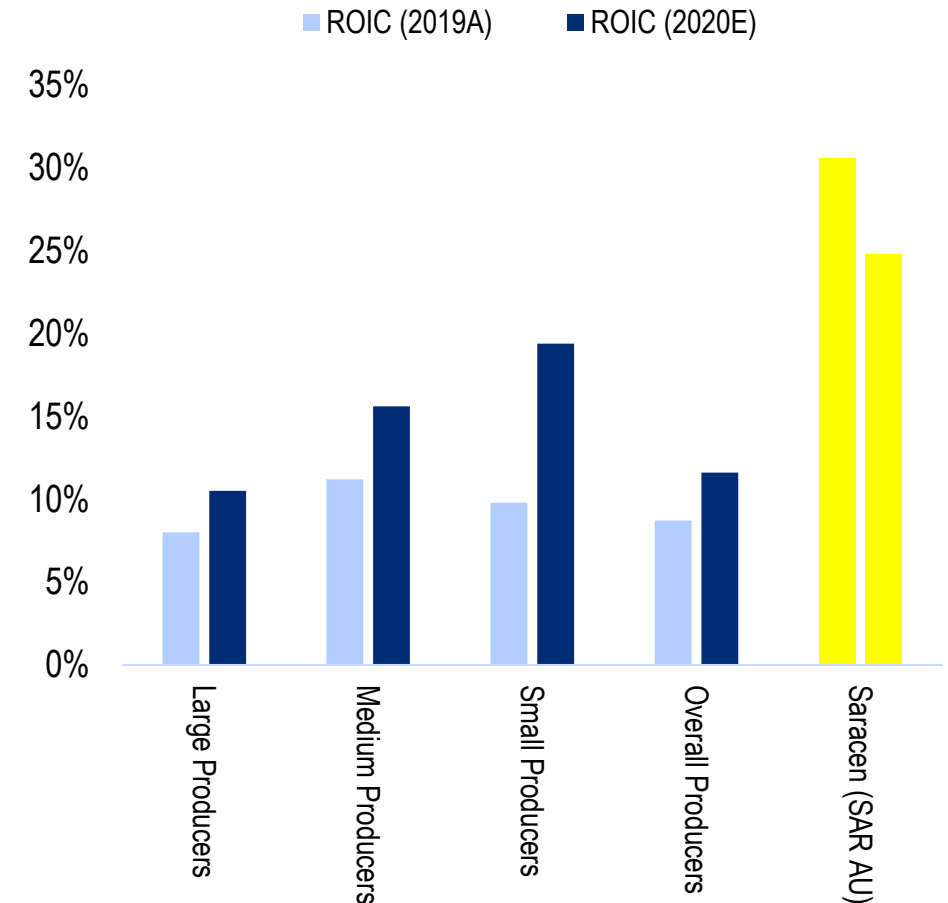
17% VICTORIA
4% AUSTRALIA other
<1% INTERNATIONAL

Sector leading financial returns



ROIC, EBITDA margin, profit margin:

- ▲ Competition for capital is fierce...
 - ▲ ...internally (given outstanding organic growth opportunities)...
 - ▲ ...and externally (highly selective M&A only)
- ▲ Ensures **translation of production success and M&A success into financial success**
- ▲ **ROIC: SAR ranked 4th out of 32 producers (BMO 2020E)**
- ▲ **EBITDA margin: 44%** (half-year ended 31 Dec 2019)
- ▲ **Underlying NPAT margin: 20%** (half-year ended 31 Dec 2019)



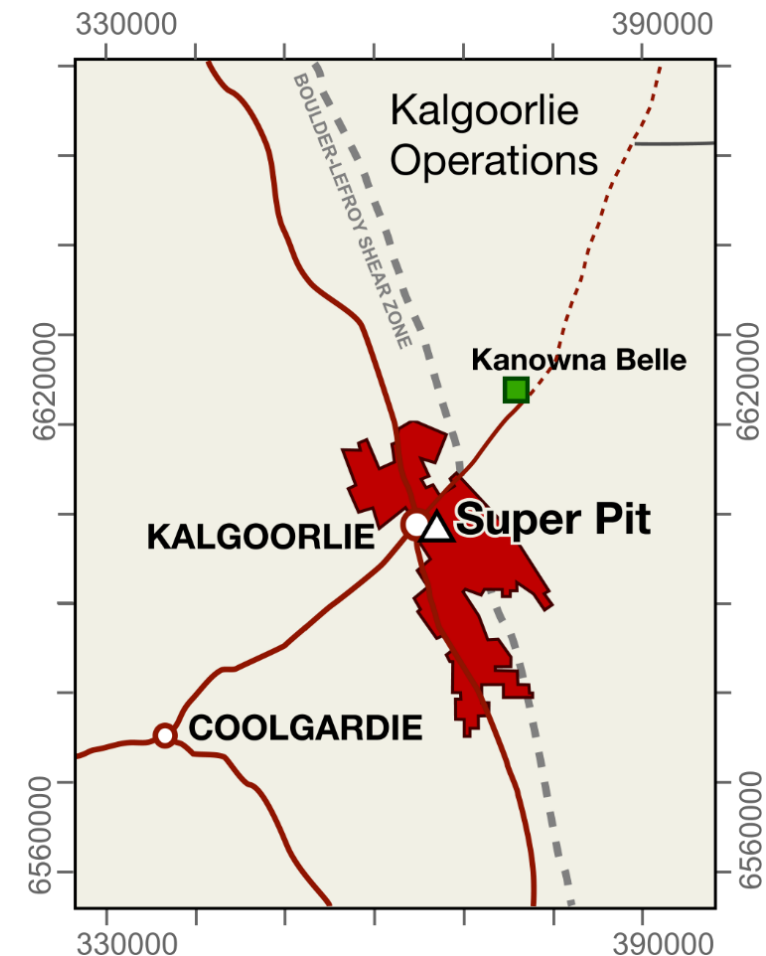
Source: BMO "The GoldPages" 10th February 2020, Saracen
ROIC = NPAT (before interest) / (shareholders equity + net debt)



Super Pit - Overview



- ▲ Acquisition of 50% of the Kalgoorlie Super Pit for US\$750m
- ▲ **Tier 1 asset in a Tier 1 mining jurisdiction**, previously “hidden” in global major miners... **enter Saracen**
- ▲ **Future proofing** our business with an established long life asset:
 - ▲ *Enviably 12 year mine life based on 7.3Moz of Reserves* (100% basis)*
 - ▲ *Pipeline of further growth opportunities underpinned by an additional 4.4Moz in Resources* (100% basis) and outstanding exploration upside from a ~70Moz gold camp*
- ▲ ~245kozpa (50% basis) at an AISC of ~A\$1,470/oz* anticipated during pit wall remediation (same level as FY19, pre-wall slip >700kozpa on a 100% basis)
- ▲ **Enter Northern Star Resources (NST AU) - A like-minded JV partner with complementary skills to unlock latent value**



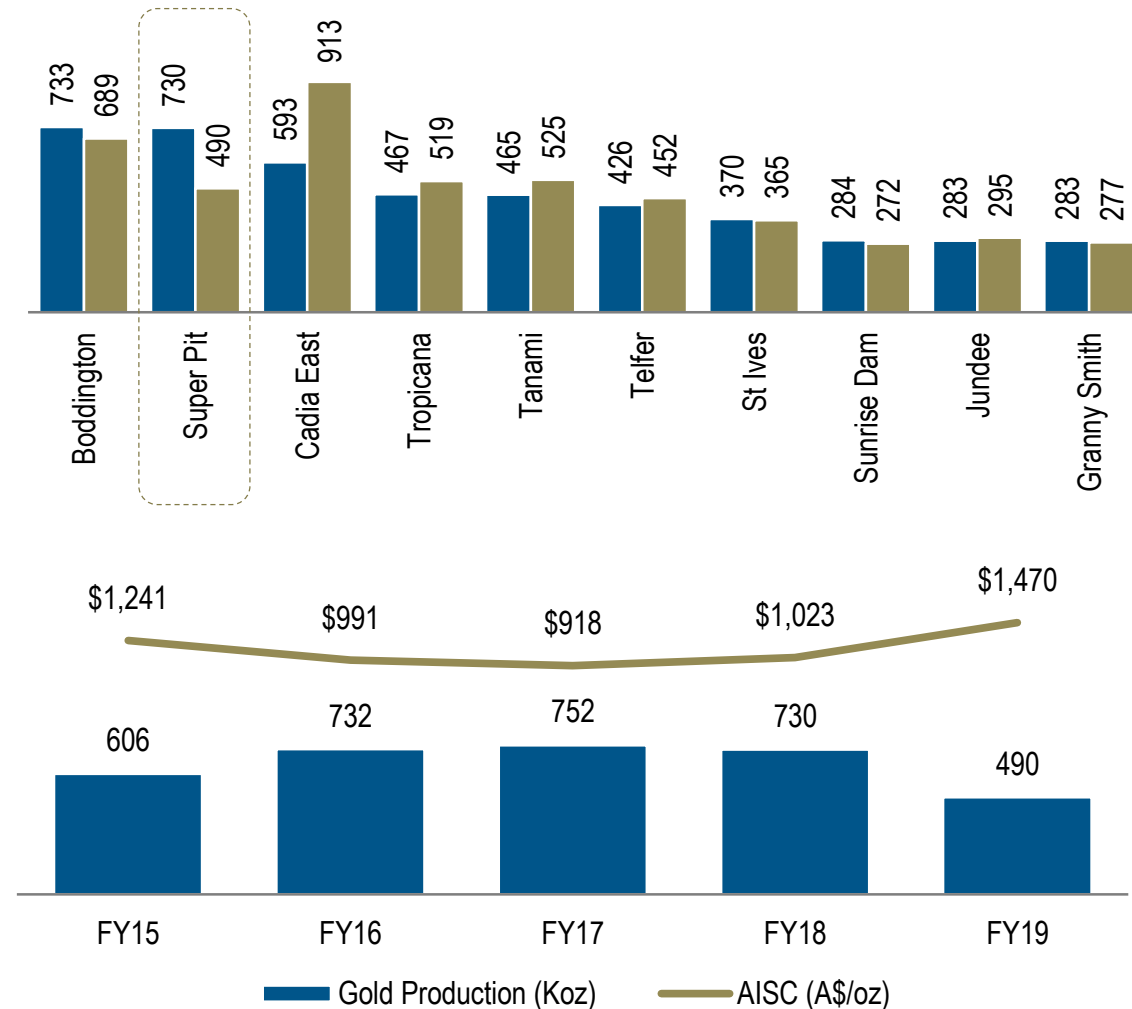
*Refer to the ASX release 18th November 2018 “Binding agreement to acquire interest in Super Pit ”

Super Pit - An outstanding start...



One of Australia's largest gold mines:

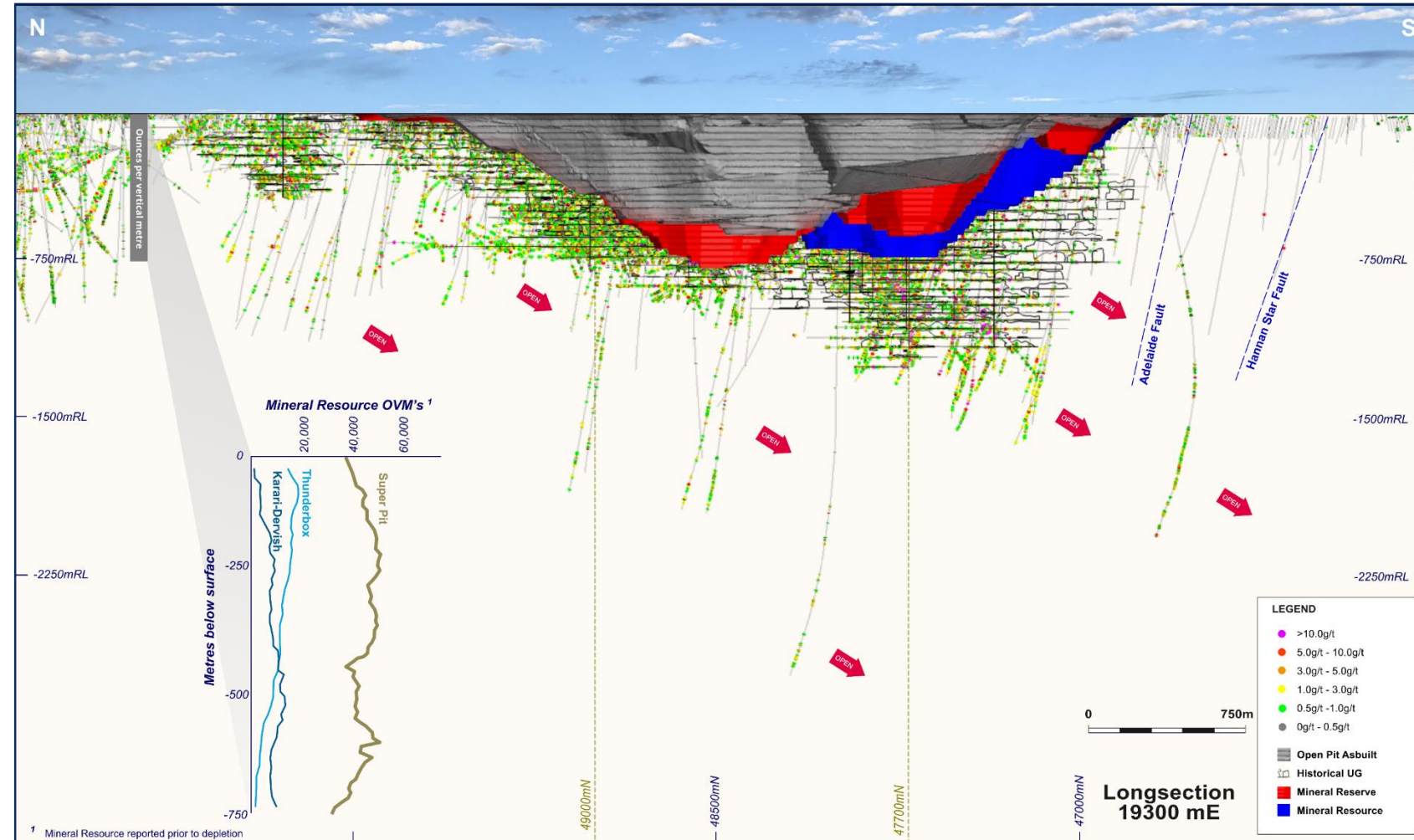
- ▲ **Excellent first month of production (50% basis):**
 - ▲ Gold production: 20,634oz at an AISC of A\$1,522/oz
 - ▲ Net mine cash flow: A\$11m (after A\$2.2m growth capital)
- ▲ **Excellent start to new partnership with NST:**
 - ▲ **Executive Management Committee established** with two representatives each from SAR and NST; **Joint operatorship agreed**
 - ▲ JV partners **initiated a strategic review / optimisation covering operations, exploration and growth**
 - ▲ **Kous Kirsten appointed General Manager Operations** (GM Gwalia mine until 2018, before that AngloGold Ashanti)
- ▲ September quarter 2020 - Update to Resources and Reserves and FY21 production guidance



...with a lot more to come

Scale, longevity and growth:

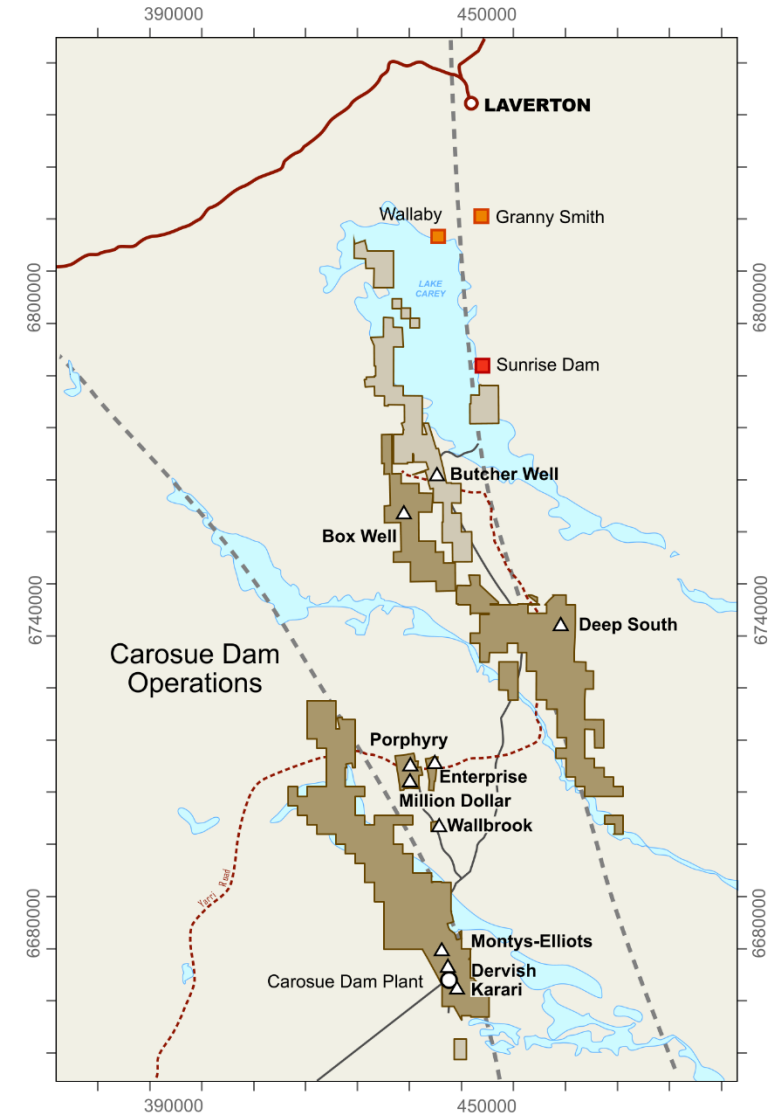
- ▲ Resource averages a **globally leading 45,000oz per vertical m...**
- ▲ ...significantly larger than our well endowed Carosue Dam and Thunderbox mines
- ▲ **Underpinning historical production levels of >700koz pa (100% basis)**
- ▲ Historical underground mining up to 550m below current Resources
- ▲ Deepest drilling highlights the mineralization is open at depth
- ▲ **Significant inventory upside** with further drilling and evolving geological focus and understanding



Carosue Dam - Overview



- ▲ Simple business plan **“we mine where we mill”**...
- ▲ ...afforded by the **transformational growth of Karari - Dervish**
- ▲ **1.8Moz in Reserve** (including **Karari - Dervish 1.2Moz**)
- ▲ **Mill expansion to 3.2Mtpa** underway (currently 2.4Mtpa)
- ▲ **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)
- ▲ **Future proofing** - Ore stockpile of 44koz (31 December), 251koz drilled, broken and developed stocks underground
- ▲ **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**



Solar farm:



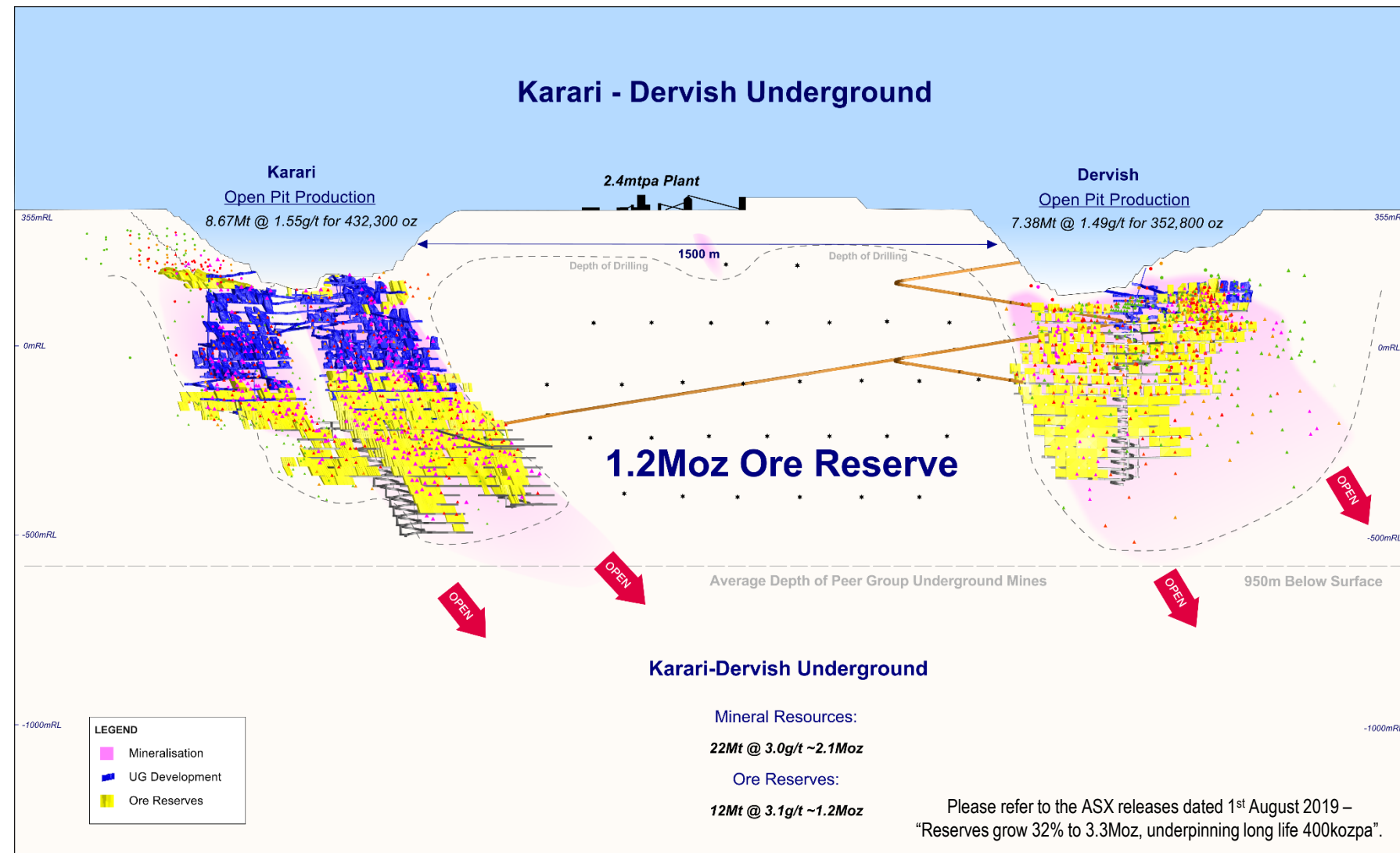
- ▲ New array - Now live!
- ▲ 40% cheaper than current power generation
- ▲ Forecast to produce 1,647MWh p.a. (equivalent to ~300 households)
- ▲ Offsets 988t of CO₂ p.a.
- ▲ Options to expand...

Carosue Dam - Better at depth



Karari - Dervish mine:

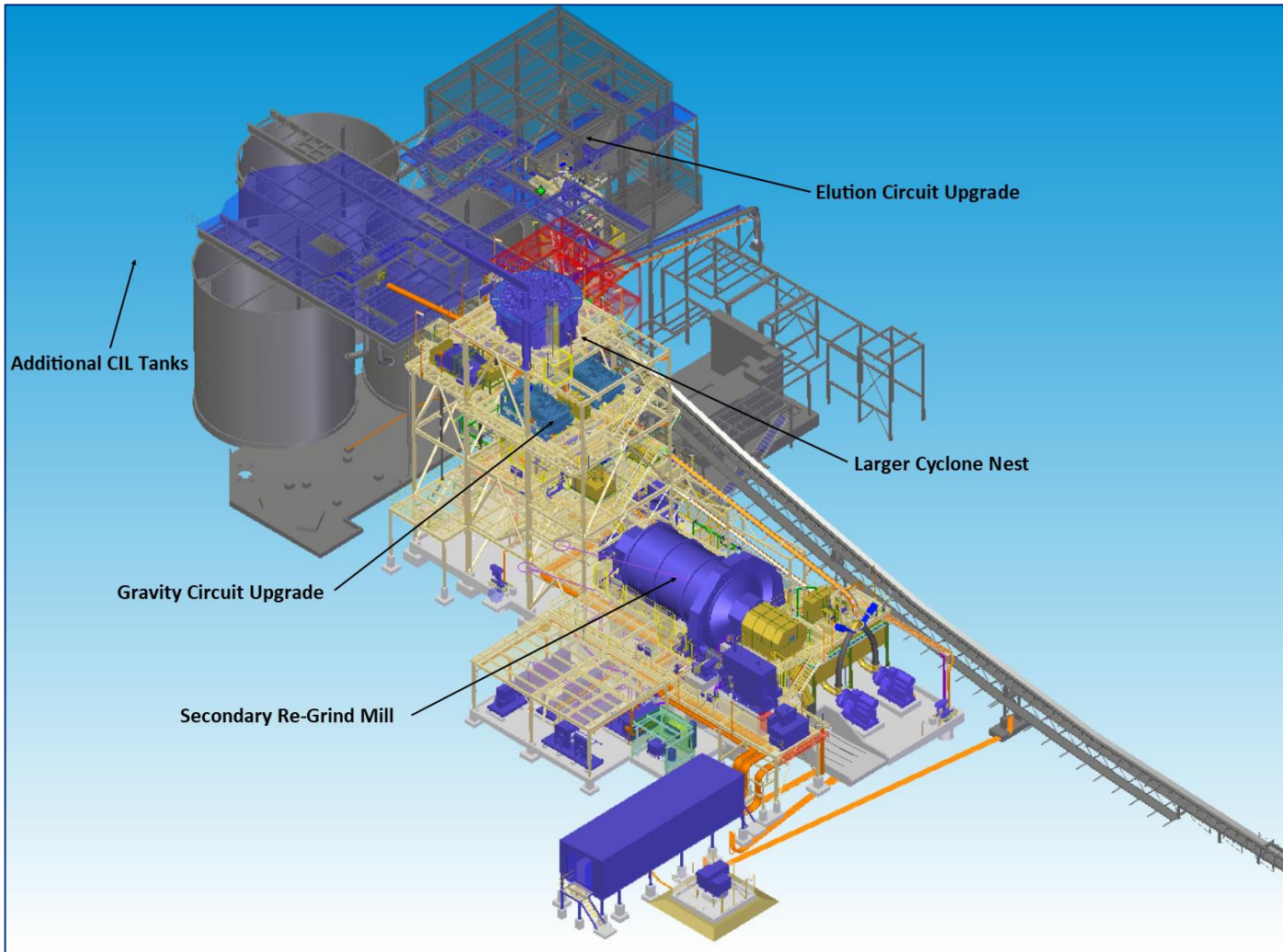
- ▲ Reserve increased to 1.2Moz, up 20%
- ▲ **Materials handling optimisation** - Increased productivity / lower costs from one of the largest tonnage underground gold mines in Australia
- ▲ Drilling continues - **Open at depth, grade continues to increase**
- ▲ Potential exploration in the “gap” via link drive...



Carosue Dam - Mill expansion on track



Capacity increase to 3.2Mtpa:

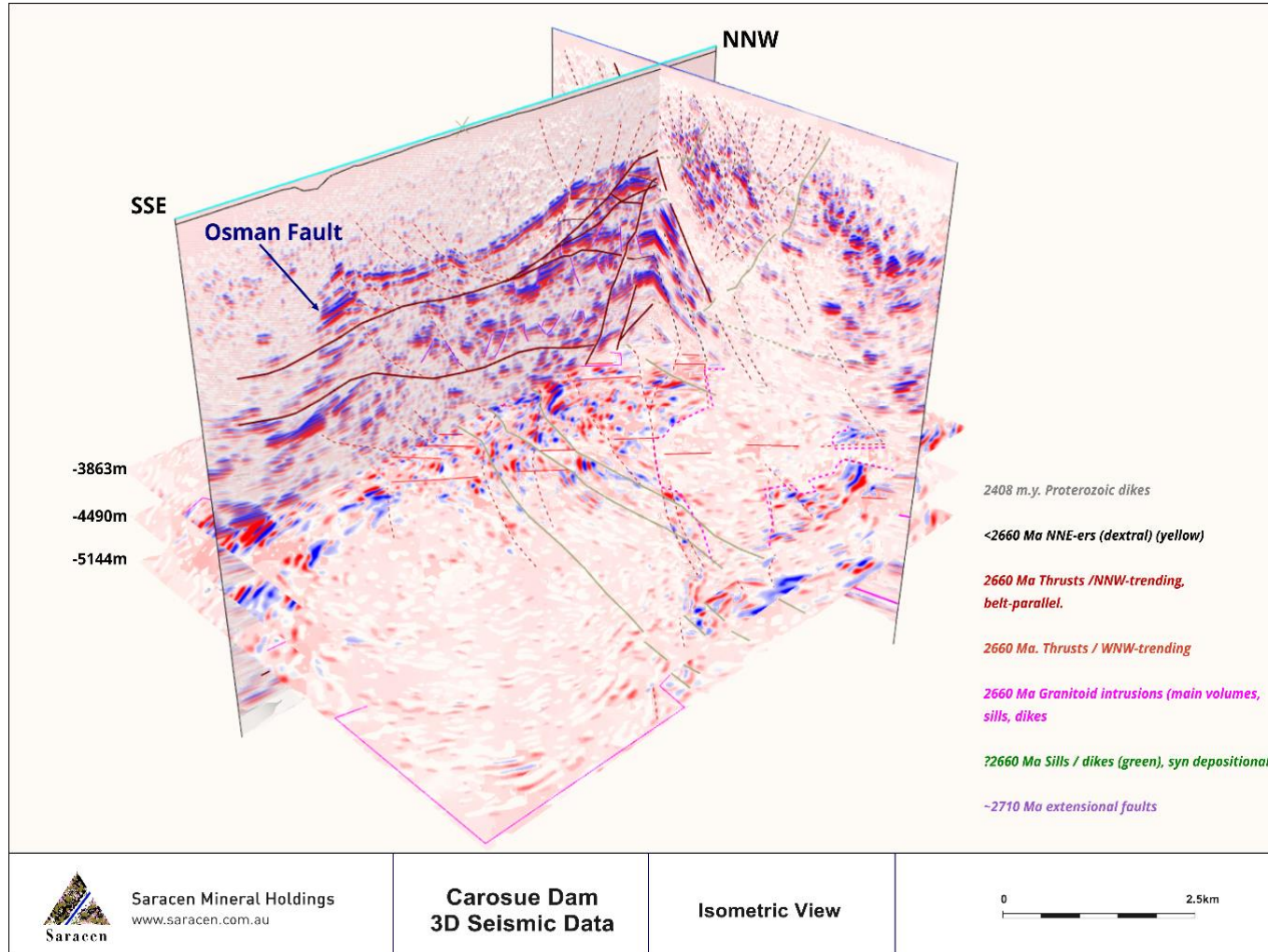


- ▲ Mill throughput **increases to 3.2Mtpa** (from 2.4Mtpa) during FY20/21
- ▲ **A\$34m capital cost**
- ▲ **Recovery increases to 94%** (from 93%)
- ▲ **Unit milling costs reduce by ~A\$1.50 - A\$2.50/t**
- ▲ **Commissioning targeted December Q 2020**
- ▲ Additional ore required to fill the expanded mill will be sourced from a **single fleet open pit mine plan** (+10 years at 800ktpa in Reserves)
- ▲ Mill feed:
 - ▲ *70-75% underground ore*
 - ▲ *30-25% open pit ore*

Carosue Dam - Seismic project



50km², +5km deep:

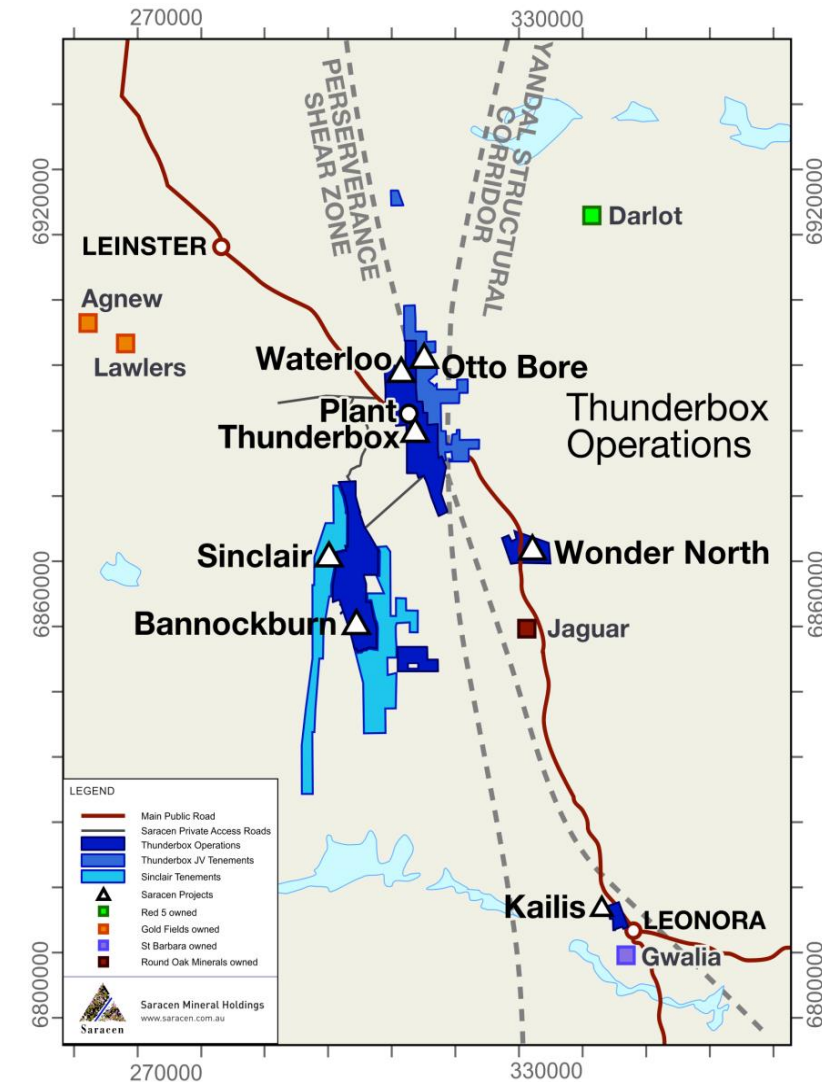


- ▲ Highest resolution hard rock 3D seismic survey in Australia
- ▲ Second largest by area (includes Karari-Dervish and Atbara)
- ▲ Interpretation underway
- ▲ **Significant number of previously unknown structural and geological features identified**
- ▲ **Drill targeting to follow**

Thunderbox - Overview

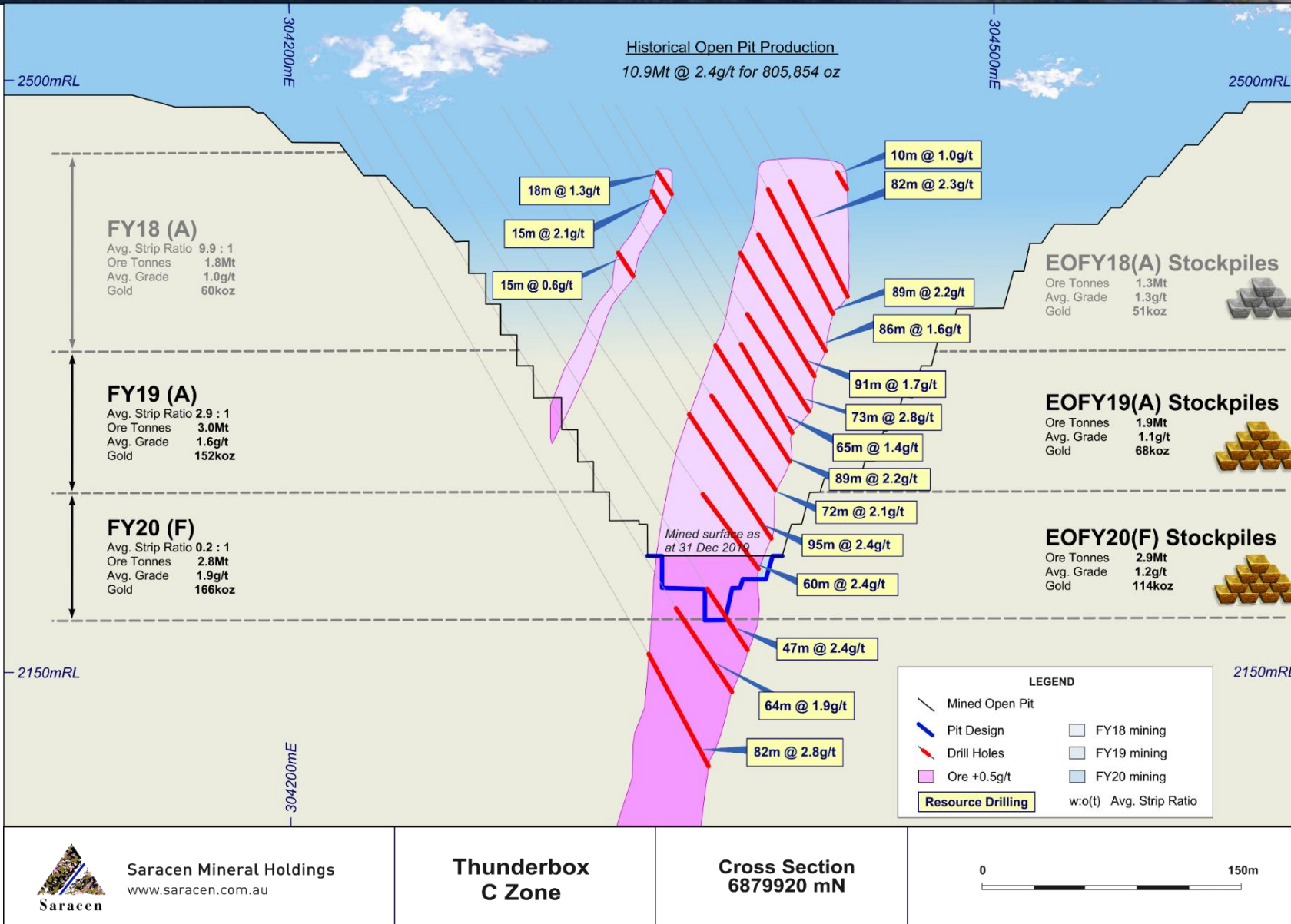


- ▲ **‘Does what it says on the tin’** (~100% reconciliation to date)
- ▲ ~1.5Moz in Reserve
- ▲ **Growth opportunities** include:
 - ▲ **“Thunderground”** - 720koz Reserve @ 2.0g/t, high productivity, low cost, long life simple underground mine, development progressing, materials handling opportunities 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
 - ▲ **Wonder North** - “Bolt-on” acquisition, 660koz Resource[^], drilling underway
- ▲ **Future proofing** - Record ore stockpile of 121koz at 31 December, eight levels already developed at “Thunderground” prior to stoping



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

Thunderbox - '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

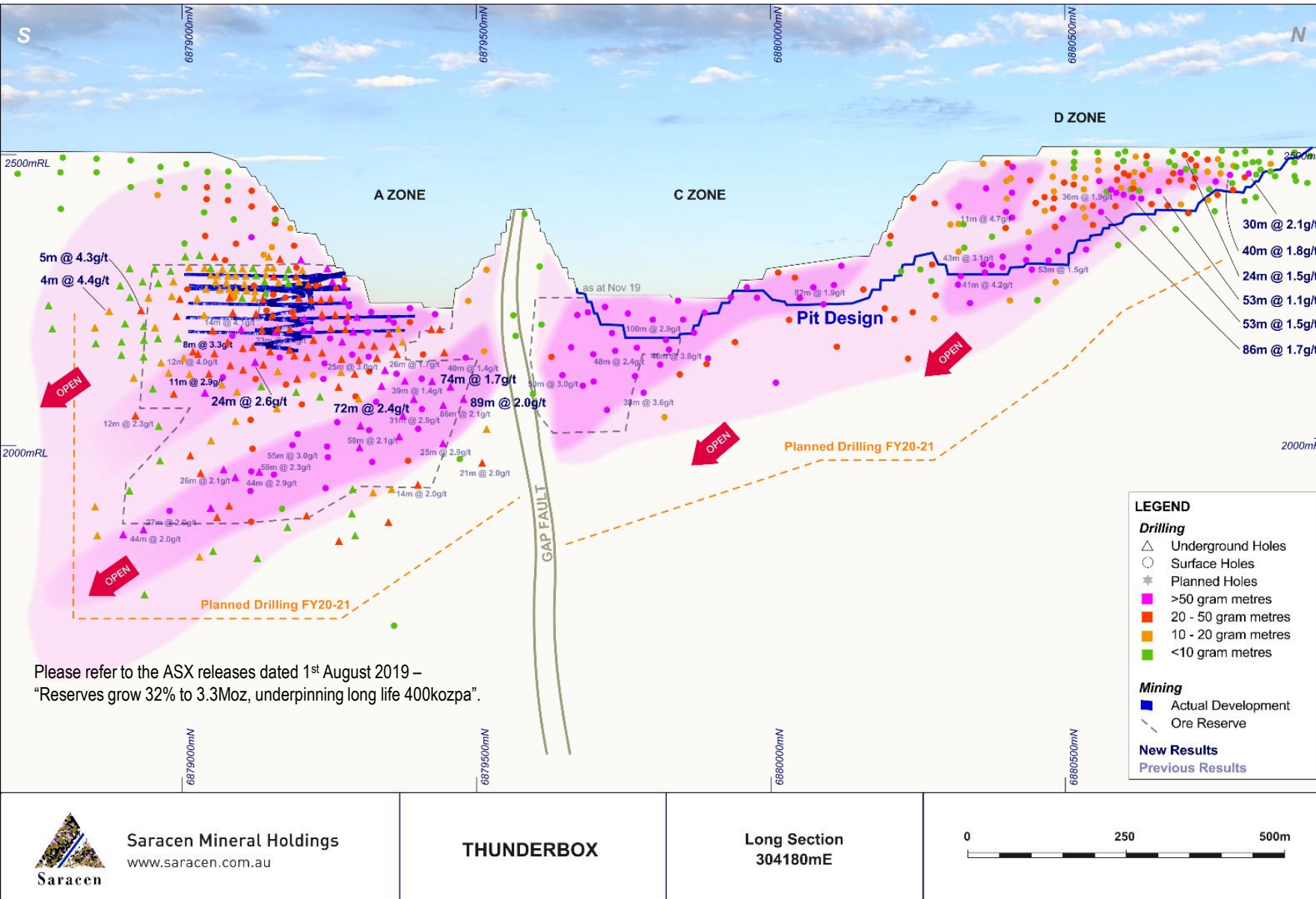


Saracen Mineral Holdings
www.saracen.com.au

**Thunderbox
C Zone**

**Cross Section
6879920 mN**

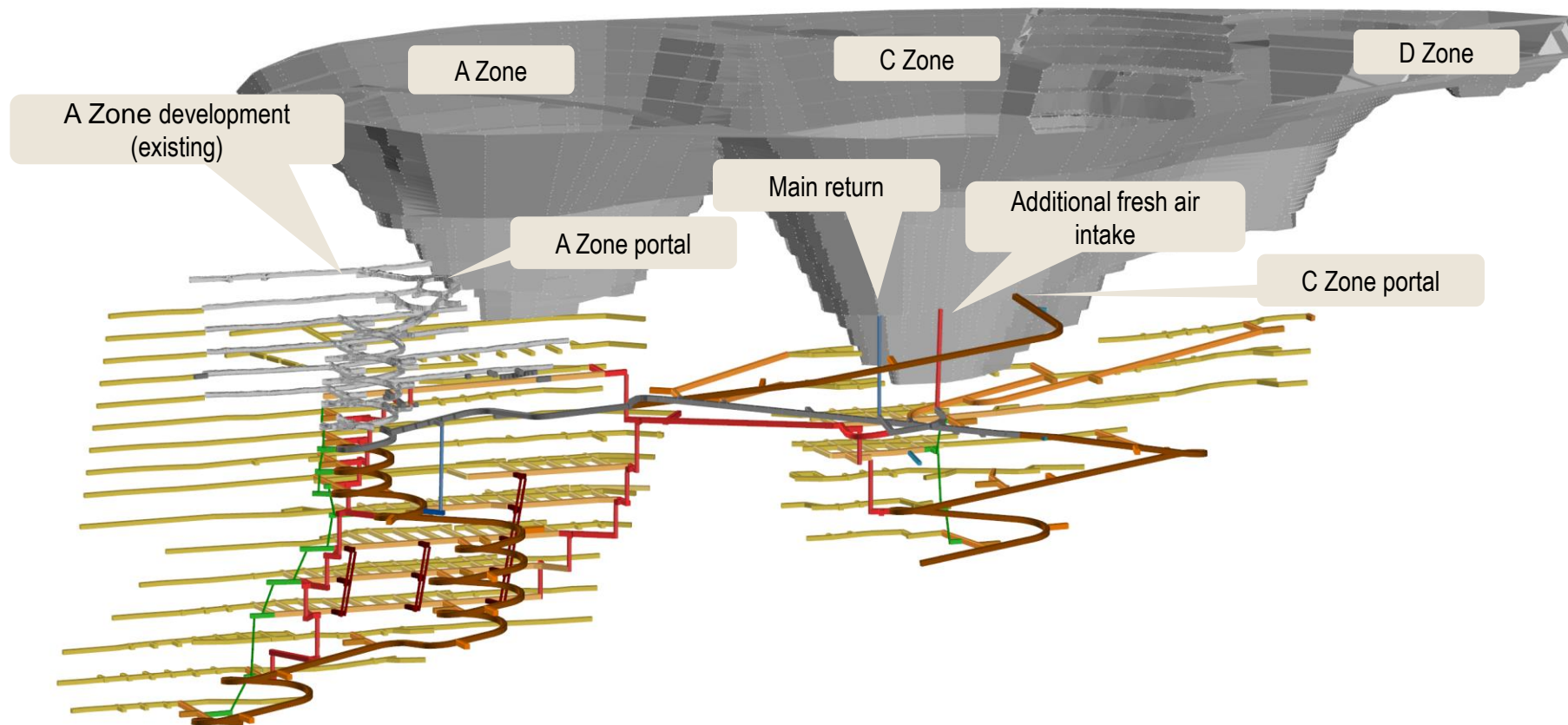
...with a lot more to come



- ▲ C Zone - FY20/21 base load...
- ▲ ...supplemented by Kailis open pit high grade soft oxide
- ▲ “Thunderground” development underway, stoping from FY21 – Recent drill results include **89m @ 2.0g/t** and **72m @ 2.4 g/t**
- ▲ D Zone cut-back long term open pit feed - Recent drill results include **86m @ 1.7g/t** and **72m @ 2.4 g/t**
- ▲ **All zones open down plunge**
- ▲ Satellite pits e.g. Otto Bore, Wonder North to be integrated into the life of mine plan

“Thunderground” - Sleeping giant

One of Australia's largest tonnage underground mines:



- ▲ 11Mt Reserve (710koz)...
- ▲ ...remains open
- ▲ A\$61m pre-production capital
- ▲ A\$97/t ore revenue (A\$1,600/oz)...
- ▲ ...increases to A\$133/t ore revenue (A\$2,200/oz)
- ▲ A\$71/t ore operating costs
- ▲ i.e. robust operating margins
- ▲ A\$1,251 / oz AISC*

* Post the pre-production period, 100% of capital is included in the AISC

There's nothing like Australian gold



- ▲ We have a simple business plan - **We mine where we mill, within 300km of Kalgoorlie**
- ▲ We deliver - **7 year track record of meeting or beating guidance**
- ▲ We have acquired 50% of the globally renowned Super Pit - **Immediate step-change in cash flow generation**
- ▲ We are **future proofing our business**
- ▲ We have an **outstanding platform for growth** in a sector bereft of growth - **People, assets, balance sheet**
- ▲ **We have a premium product - 100% Australian gold**

Contact Details:

Troy Irvin

Corporate Development Officer

phone: +61 8 6229 9100

email: info@saracen.com.au

www.saracen.com.au



Saracen

SARACEN.COM.AU

ABN: 52 009 215 347