RED5 Limited

ASX Code: RED

www.red5ltd.com

Annual General Meeting

18 November 2020

Mark Williams, Managing Director

Competent Person's Statement and Disclaimer

Competent Person Statements for JORC 2012 Mineral Resource and Ore Reserves

The information in this presentation that relates to the Mineral Resources at the Siana open pit is extracted from the report titled Siana Gold Project – Open Pit Mining Review and Reserve Update, released on 24 September 2015 and is available on the ASX web-site, figures quoted are reported as at 30 June 2018. The information in this presentation that relates to Mineral Resources for the Siana Underground is extracted from the report titled Siana Underground Mineral Resource dated 23 February 2016 and is available on the ASX web-site. The information in this presentation that relates to Ore Reserves at the Siana Underground is extracted from the report titled Siana Gold Project: Underground Mine Approved for Development Following Completion of Positive Updated Feasibility Study dated 14 June 2016 and is available on the ASX web-site. The information in this presentation that relates to Underground Mine Optimisation at the Siana Underground is extracted from the report titled "Siana gold project and Company update" dated 20 June 2017 and is available on the ASX web-site. The information in this presentation that relates to the Mineral Resources and Ore Reserves for the Darlot Underground deposit relates to the ASX announcement titled "Red 5 2020 Annual Report" dated 14 October 2020, which are available on the ASX web-site. The information in this presentation that relates to the Mineral Resources for the King of the Hills deposit is extracted from the ASX announcement titled "King of the Hills Mineral Resource increases to 4.1Moz" released on 19 March 2020. The information in this presentation relating to the King of the Hills regional deposits is extracted from the ASX announcement titled "Maiden JORC open pit Resources defined for near mine regional deposits at King of the Hills" dated 1 May 2019, and Information in this presentation relating to KOTH satellite deposits is extracted from the ASX announcement titled "Additional Resources defined for satellite open pit deposits at King of the Hills" dated 6 May 2020. The information in this presentation relating to the King of the Hills Ore Reserve is extracted from the ASX announcement titled "KOTH Final Feasibility Study delivers 2.4Moz Ore Reserve - confirms at least a 16-year Life of Mine and a clear pathway to production in 2022" dated 15 September 2020. Information in this presentation relating to Great Western is extracted from the ASX announcement titled "Resource Update and maiden Reserve for Great Western deposit", dated 15 October 2020. Information in this presentation relating to Cables and Mission are from ASX announcements: "Option Agreement signed to purchase Cables and Mission gold deposits", dated 2 December 2019, and "Red 5 exercises option to complete acquisition of the Cables and Mission gold deposits", dated 22 May 2020. Information in this presentation relating to Ockerburry Hill is extracted from the ASX announcement titled "Eastern Goldfields Regional Exploration Update" dated 16 April 2018. All announcements are available on the ASX web-site.

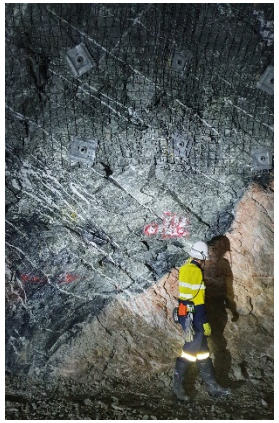
Red 5 confirms that all the material assumptions underpinning the Final Feasibility Study production targets on the King of the Hills project (see ASX release 15 September 2020), or the forecast financial information derived from a production target, in the initial public reports continue to apply and have not materially changed.

Red 5 confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements, and that all material assumptions and technical parameters underpinning the resources and reserves 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 Persons findings are presented have not been materially modified from the original market announcements.

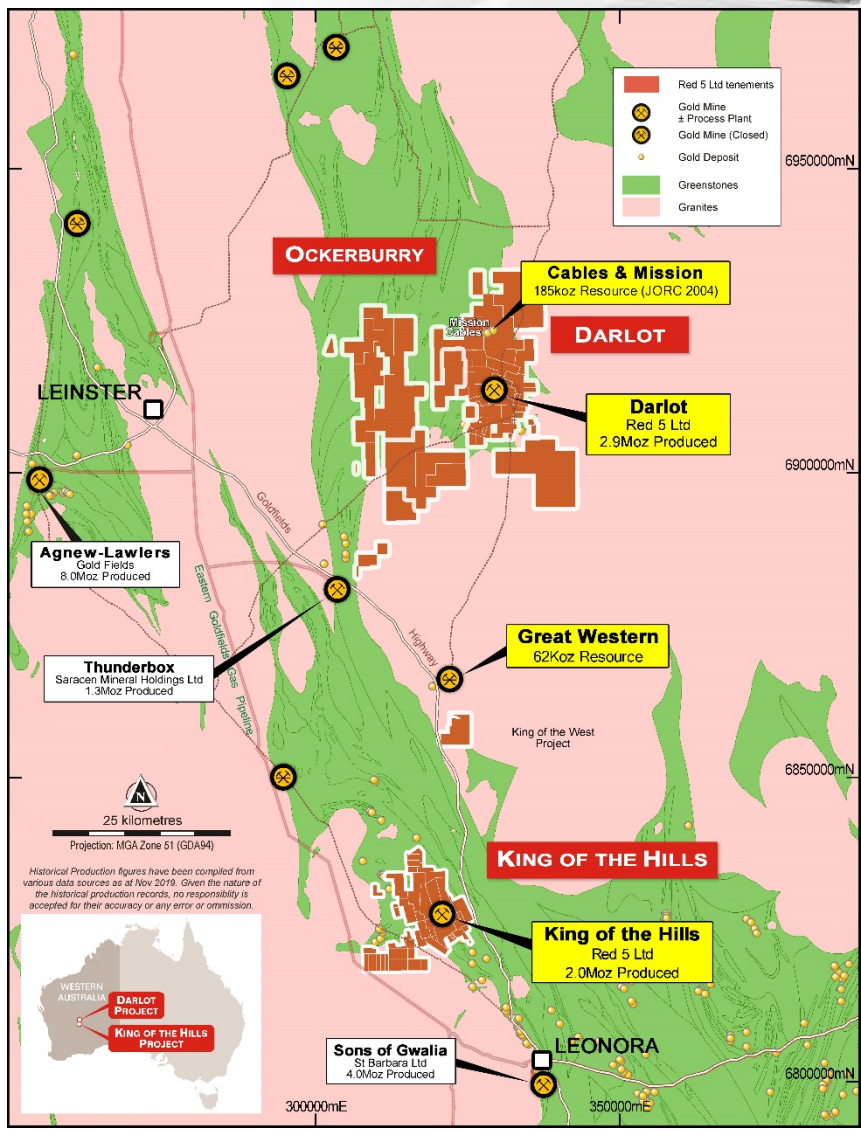
Forward-Looking Statements

Certain statements made during or in connection with this presentation contain or comprise certain forward-looking statements regarding Red 5's Mineral Resources and Reserves, exploration activities, project development operations, production rates, life of mine, projected cash flow, capital expenditure, operating costs and other economic performance and financial condition as well as general market outlook. Although Red 5 believes that the expectations reflected in such forward-looking statements are reasonable, such expectations are only predictions and are subject to inherent risks and uncertainties which could cause actual values, results, performance or achievements to differ materially from those expressed, implied or projected in any forward looking statements and no assurance can be given that such expectations will prove to have been correct. Accordingly, results could differ materially from those set out in the forward-looking statements as a result of, among other factors, changes in economic and market conditions, delays or changes in project development, success of business and operating initiatives, changes in the regulatory environment and other government actions, fluctuations in metals prices and exchange rates and business and operational risk management. Except for statutory liability which cannot be excluded, each of Red 5, its officers, employees and advisors expressly disclaim any responsibility for the accuracy or completeness of the material contained in this presentation and excludes all liability whatsoever (including in negligence) for any loss or damage which may be suffered by any person as a consequence of any information in this presentation or any error or omission. Red 5 undertakes no obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after today's date or to reflect the occurrence of unanticipated events other than required by the Corporations Act and ASX Listing Rules. Accordingly you should not place undue reliance on any forward looking statement.

Red 5 Limited – a standout growth opportunity

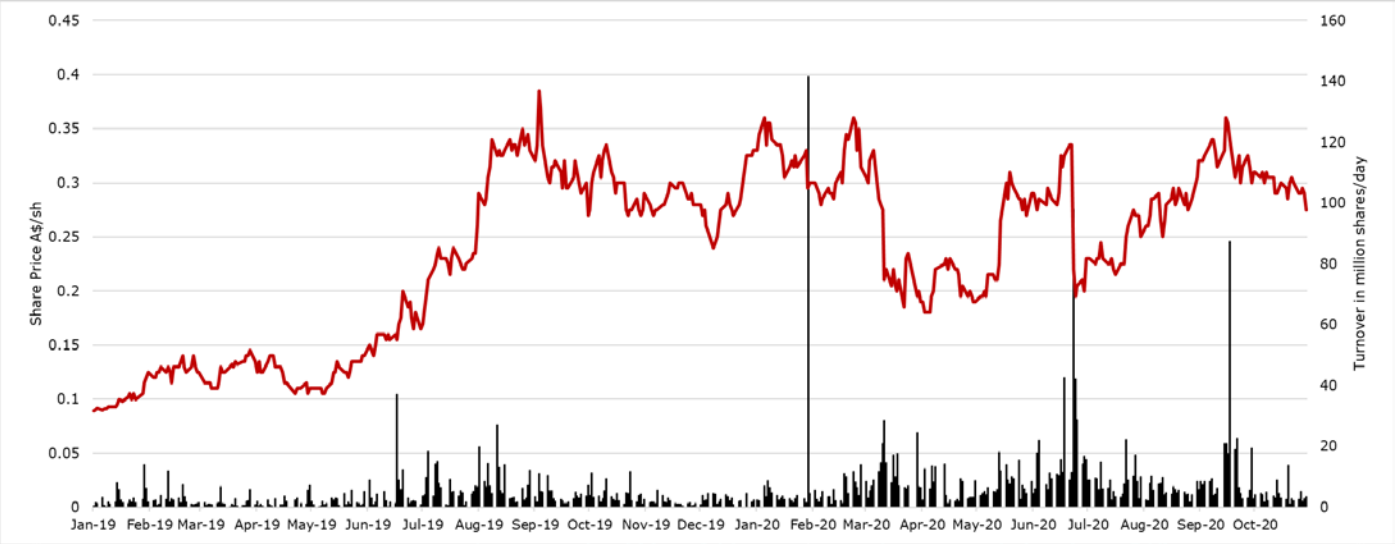


- ✓ Red 5 has two gold mines in one of the world's safest and most prospective gold districts
- ✓ King of the Hills (KOTH) is a major Australian gold deposit
  - *Mineral Resource of 4.1Moz[1] and Ore Reserve of 2.4Moz[2]*
- ✓ KOTH Final Feasibility Study[2]:
  - *16-year LOM Plan – first 6 years @ 176kozpa*
  - *LOM AISC of A$1,415/oz – first 6 years A$1,339/oz*
  - *Capital cost of A$226 million*
- ✓ Experienced management team with strong project development skillset
- ✓ Options being explored for Siana mine (Philippines), mine operations currently suspended
- ✓ Clear pathway to become a multi-asset, mid-tier gold producer by 2022



1. *Red 5 ASX Release: 19 March 2020*
2. *Red 5 ASX Release: 15 September 2020*

Red 5 Limited – corporate profile

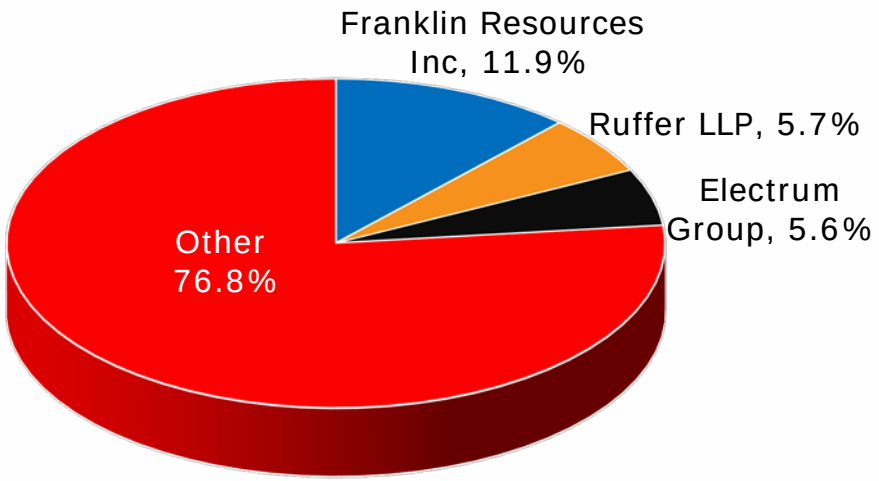


Our Company Vision

"To be a successful multi-operational exploration and mining company, providing benefits to all stakeholders, through the consistent application of technical excellence, and responsible and sustainable industry practices."

Share price at 31 October 2020	$0.275
Shares issued	1,970.6M
Market capitalisation at 31 October 2020	$541.9M
Cash & bullion at 30 September 2020[1]	$106.8M
Debt at 30 September 2020[1]	$8.0M
Enterprise value at 31 October 2020	$443.1M

Shareholders



1. *Debt and cash as at 30 September 2020, unaudited*

ESG – enhancing governance and capability

Ms Andrea Sutton, Non-Executive Director, appointment after Nov-20 AGM

- 25+ years experience with Rio Tinto and Energy Resources of Australia (ERA)
- Current Board Member of Infrastructure WA, ANSTO (Australian Nuclear Science and Technology Organisation) and NAWO (National Association of Women in Operations)
- Former Chief Executive and Managing Director at ERA from 2013–17. NED from 2018-20
- Extensive executive and operational leadership roles across Rio Tinto including Head of Health, Environment, Safety & Security, GM Operations – Bengalla and GM of Infrastructure, Iron Ore
- Qualified Chemical Engineer

Mr Jason Greive, Chief Operating Officer, start Nov-20

- Experienced mining executive with broad operational, corporate and project development leadership experience
- 25+ years mining experience including with Evolution (including GM Technical Services and Lake Cowal GM Operations), RTG Mining (COO), Barrick and Rio Tinto
- Will be responsible for executing Red 5's growth strategy at KOTH and Darlot
- Qualified Metallurgist

Strong leadership team with operating expertise

Red 5 has a strong and capable team, with many years of mining and development experience both at Red 5 and previously at multi-billion international development projects – the Company is well placed to deliver the KOTH development

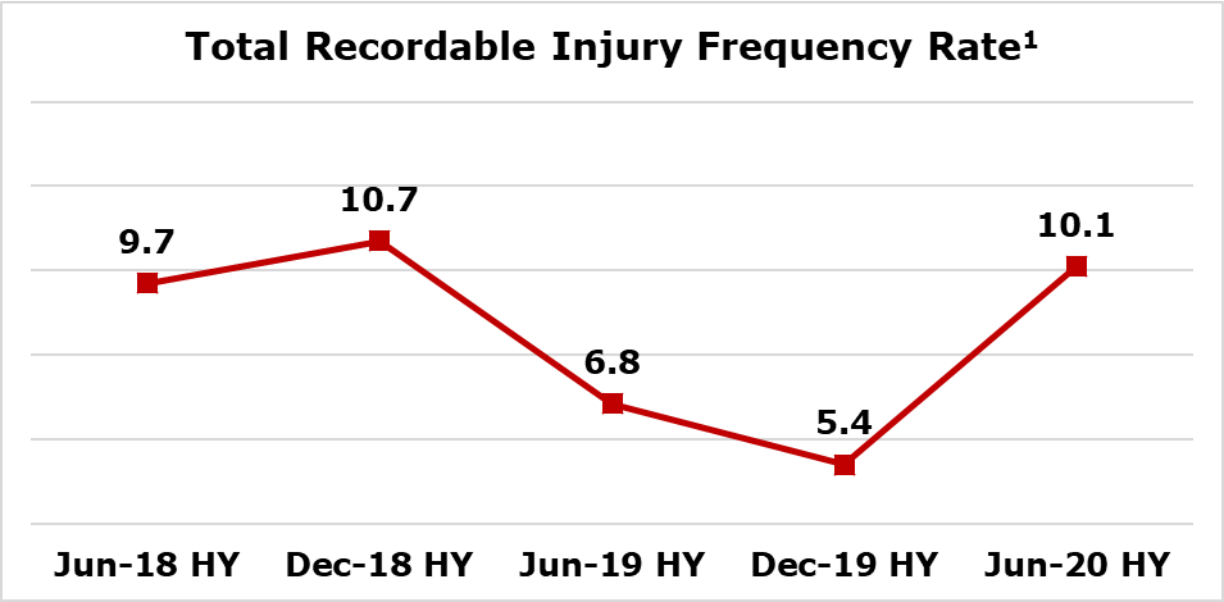
Board

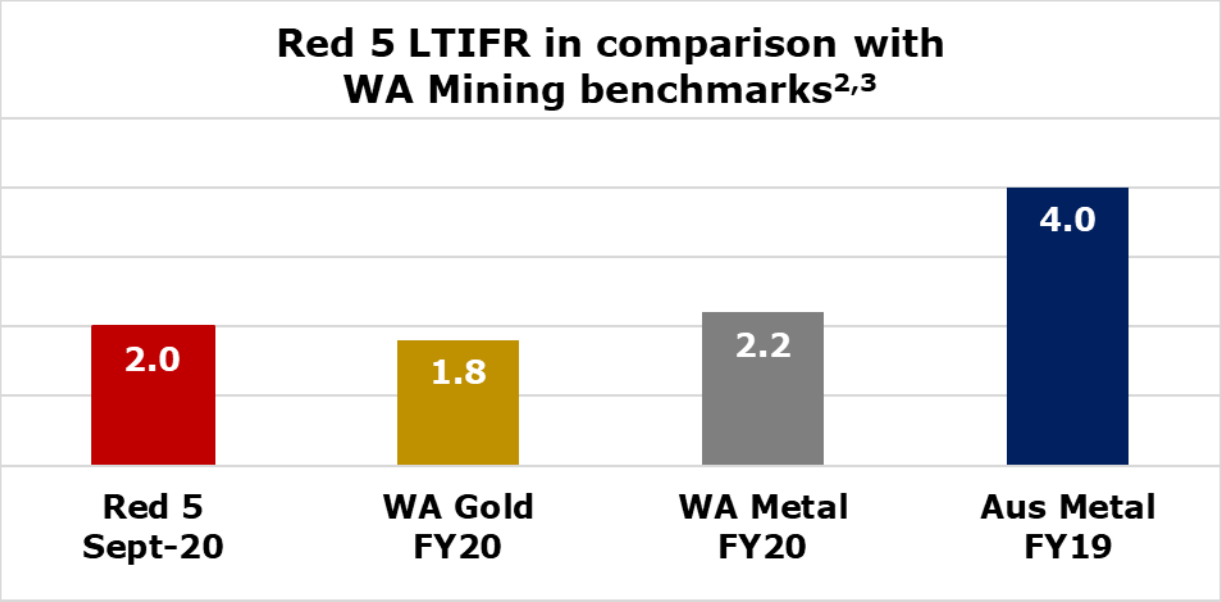
Kevin Dundo Non-executive Chairman	Corporate lawyer specialising in commercial and corporate law with expertise in mining and financial services industries. Chairman since November 2013.
Mark Williams Managing Director	Mining Engineer with prior experience with Orica and Xstrata, including General Manager of US$6bn Tampakan Copper Gold Project in the Philippines. MD of Red 5 since April 2014.
Ian Macpherson Non-executive Director	Chartered Accountant with over 30 years in the professional services industry. Specialist in capital structuring, equity and debt raising. Director since April 2014.
Colin Loosemore Non-executive Director	Geologist with over 40 years international experience. Previous MD experience for a number of mining companies. Director since December 2014.
Steven Tombs Non-executive Director	Mining Engineer with over 40 years international experience with major mining companies. Previous UG PM of Siana and GM of Darlot operations. Director since August 2018.

Management team

Brendon Shadlow General Manager	Mining Engineer with prior experience at Goldfields and Xstrata. Responsible for the Darlot and KOTH mining operations.
John Tasovac Chief Financial Officer	Chartered Accountant with prior experience at BHP and Xstrata, including CFO of US$5bn Las Bambas Project and Xstrata Copper South America Projects Division.
Byron Dumpleton Chief Geologist	Geologist with 30+ years of international experience. Prior experience at KCGM, WMC and Straits Resources.
Patrick Duffy Chief Corporate Development Officer	Chartered Accountant with prior experience at Glencore and Xstrata, including Director Strategy & Performance of US$7bn Koniambo Project and CFO of US$6bn Tampakan Project.
Cameron Pocknee Project Development Manager	25+ years of international operational experience with MIM and Xstrata. Previous GM of Siana and is responsible for KOTH FFS.
Warren King KOTH Project Manager	Engineer with prior experience constructing gold projects in Australia, Indonesia and Africa. Responsible for construction of KOTH Project.
Frank Campagna Company Secretary	CPA with over 25 years experience as Company Secretary, Chief Financial Officer and Commercial Manager for listed companies.

ESG – a company built on a strong safety culture





- Safety focused on "bottom-up" approach, supporting organisational values
- Red 5 LTIFR for the September Quarter (3 months) was nil
- Total Recordable Injury Frequency Rate (TRIFR, 12-month moving average) of 9.1 at Sept 2020
- Continual engagement and focus on Safety ownership to address the current TRIFR spike through EHS Leading Indicator Programs, reinforcement of vital behaviours and personal safety training

1. *Total Recordable Injury Frequency Rate (12 month ave.), total recordable injuries per million hours worked.*
2. *LTIFR = Lost Time Injury Frequency Rate (12 month ave.), the number of lost time injuries per million hours worked.*
3. *Most recent statistics from* http://www.dmp.wa.gov.au/Safety/Safety-statistics-16198.aspx

Red 5 2020: two producing mines, one plant

KOTH OP and UG Mine

Darlot UG Mine

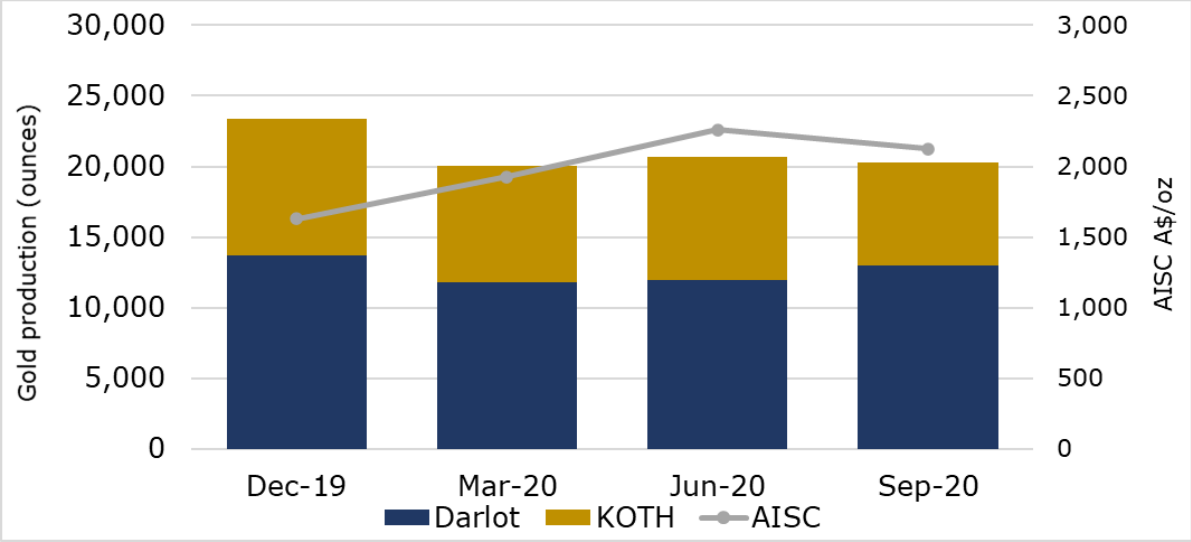
Darlot Plant

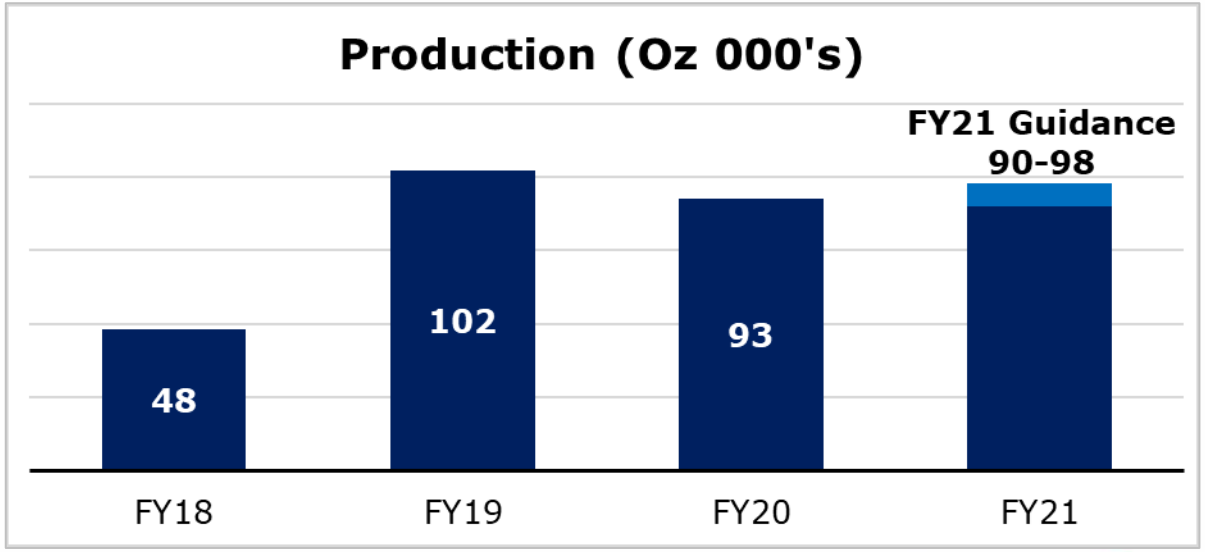
<u>2022 target</u>: two mines, <u>two plants</u>

FY21 Darlot transition year is on track

- **Sept-Qtr production of 20,283oz**
  - Successful 6-day planned mill maintenance shutdown in July – followed by steady performance for the Quarter
  - New crusher and mill bearing upgrades with potential to increase mill throughput by 20% to 1.2Mtpa
  - New open pit at Great Western to start mining in January 2020
  - FY21 production guidance[1] on track for 90,000 – 98,000oz (FY20 actual: 92,783oz)

- **FY21 AISC guidance[1] of A$1,830 – A$2,030/oz (FY20 actual: A$1,798/oz)**
  - "Project 200" implemented with targeted savings goal of A$200/oz
  - Darlot free cash flow generated from operations of +A$9.8M
  - Repaid A$4M of Macquarie facility (A$8M outstanding)

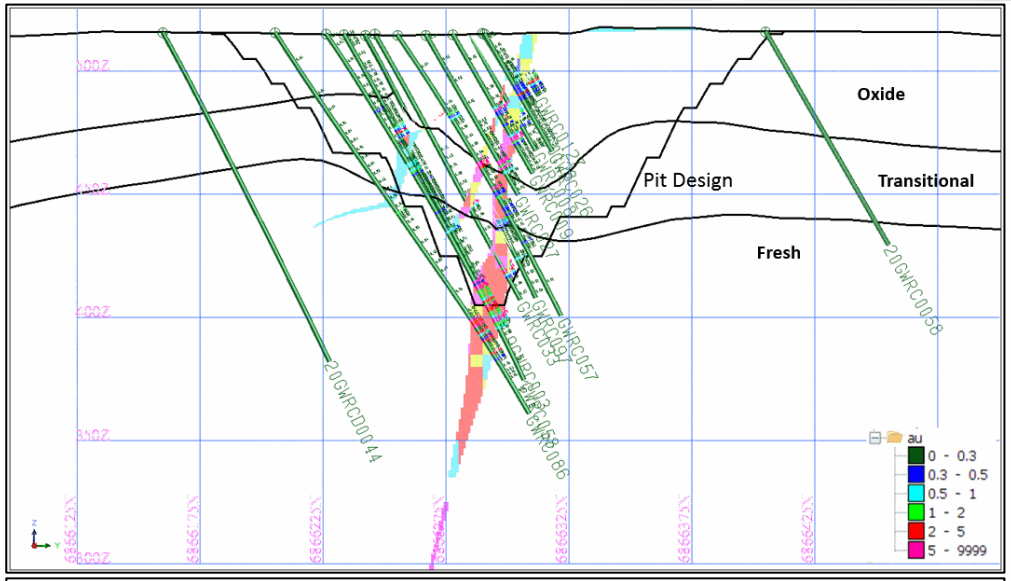


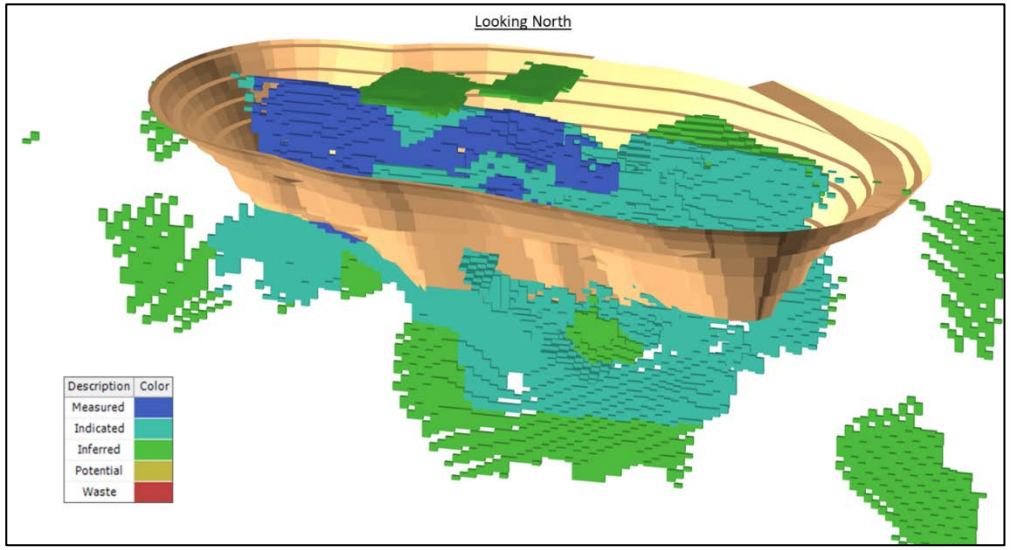


1. *Red 5 ASX Release: 24 June 2020*

FY21 Darlot transition – Great Western mine

- **Updated mineral resource[1]**
  - 870kt @ 2.5g/t Au for 70koz
- **Maiden Open Pit Ore Reserve[1]**
  - 438kt @ 2.5g/t Au for 34.5koz contained gold
  - Additional assays pending
  - Underground Ore Reserve still to be established
  - Deposit remains open at depth, deeper drilling currently in progress
- **Mining to commence in January 2021**
  - Mining contract awarded to Pit N Portal (division of Emeco), current UG miners at KOTH
  - Ore trucked to Darlot for processing
  - Open pit followed by underground mining
- Assay results included[1]
  - 21m @3.4g/t from 24m
  - 26m @2.9g/t from 85m
  - 3m @11.2g/t from 107m
  - 13m @3.2g/t from 130m





1. *Red 5 ASX Release: 15 October 2020*

Darlot long term – opportunities to extend LOM

Darlot Gold Mine [1]

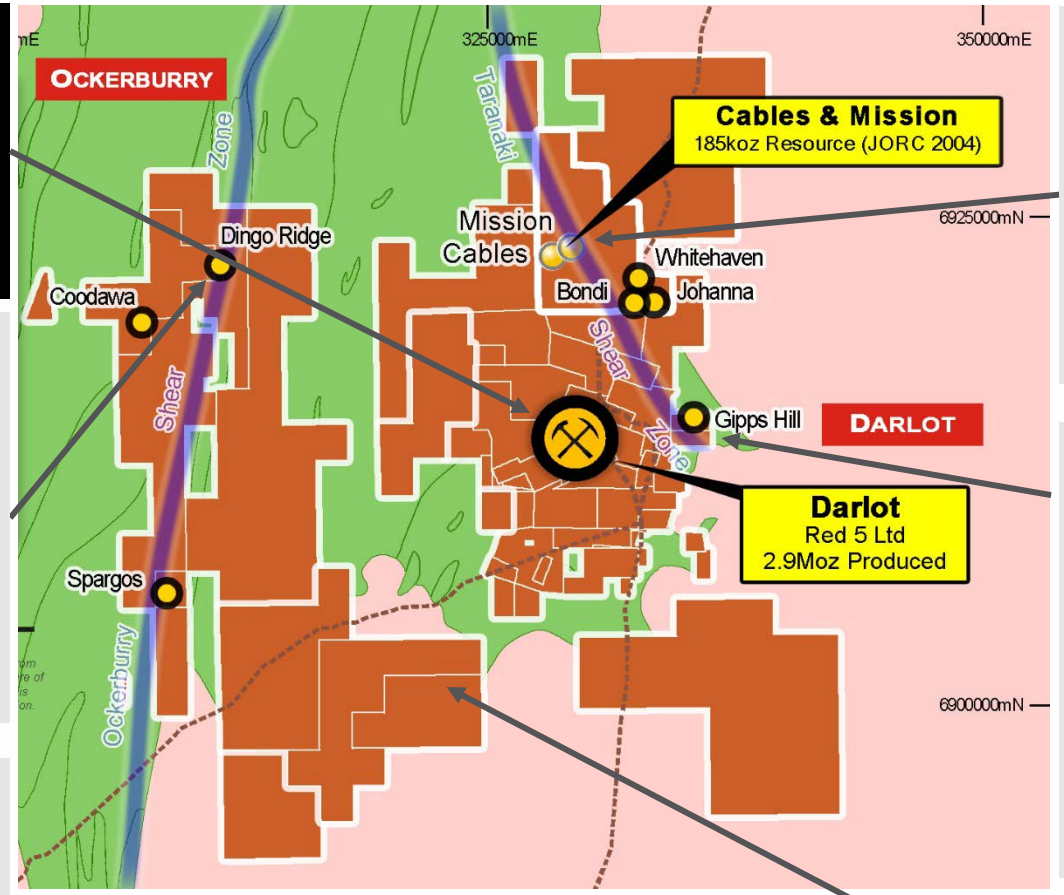
- Resource 11.8Mt @ 3.4g/t Au for 1.3Moz
- Reserve 2.7Mt @ 2.8g/t Au for 239koz
- 71,000m UG and surface drill program

Ockerburry Hill (Dingo Ridge) [2]

- 4km-long, 500m wide mineralised zone proximal to the Ockerburry fault corridor
- Mineralisation untested below 150m
- Historical drill results include[2]:
  - *5m @ 8.1g/t Au (ADAC0194)*
  - *4m @ 9.7g/t Au (MVAC1203)*

Great Western [3]

- Resource of 870kt @ 2.5g/t Au for 70koz[3] - ~55km south of Darlot mill
- Drilling defined strike length of 450m, depth of 200m, mineralisation open at depth
- Part of FY21 Mine Plan



Cables & Mission [4]

- Combined JORC 2004 Resource of 1.5Mt @ 3.1g/t Au for 185koz[2]
- Historical drilling suggests both deposits remain open along strike and down-dip
- Open in all directions - in-fill drill program planned for FY21

Gipps Hill and Janine [5]

- Mineralised shear-hosted quartz lode (up to 5m wide) intercepted in historical RC drilling with grades up to 12.1g/t Au[3]
- Surface sampling results of up to 13.7g/t Au from historical mullock dumps and 21.9g/t Au at Janine
- Gipps Hill open in all directions and untested at depth

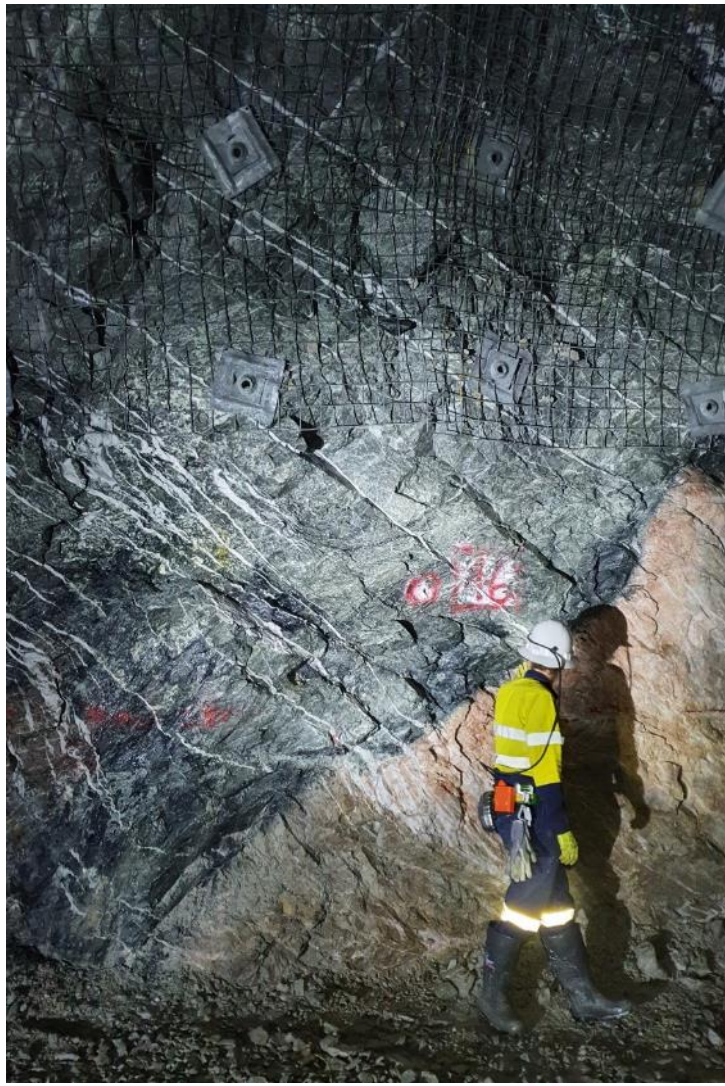
Emperor and King of the West [6]

- Highly prospective strategic tenement package acquired from Kingwest in April 2020

1. *Red 5 ASX Release: 14 October 2020*
2. *Red 5 ASX Release: 16 April 2018*
3. *Red 5 ASX Release: 15 October 2020*
4. *Red 5 ASX Release: 22 May 2020*
5. *Red 5 ASX Release: 13 December 2019*
6. *Red 5 ASX Release: 24 June 2020*

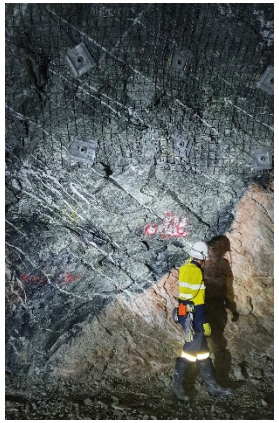
KOTH 4.1Moz Mineral Resource[1] - increase of 31%

Total Open Pit & Underground KOTH Resource as at March 2020					
Classification	Cut-off (g/t)	Mining Method	Tonnes (000t)	Gold (g/t)	Contained Gold (000oz)
Indicated	0.4-1.0	OP+UG	69,800	1.3	3,010
Inferred	0.4-1.0	OP+UG	20,900	1.6	1,060
Total	0.4-1.0	OP+UG	90,700	1.4	4,070
KOTH JORC 2012 All material within A$2,100 Pit Shell					
Indicated	0.4	OP	65,800	1.3	2,720
Inferred	0.4	OP	14,600	1.4	650
Total	0.4	OP	80,400	1.3	3,370
KOTH JORC 2012 All material outside A$2,100 Pit Shell					
Indicated	1.0	UG	4,000	2.2	290
Inferred	1.0	UG	6,300	2.0	410
Total	1.0	UG	10,300	2.1	700



1. *Red 5 ASX Release: 19 March 2020.*

KOTH – Australia's next major gold mine



✓ Final Feasibility Study highlights[3]:

- *Initial 16-year mine life*
- *First production Jun-Qtr 2022*
- *First 4 years open pit and underground mining, peaking at 203koz in FY24*
- *Years 1-6 production of 176kozpa at AISC of A$1,339/oz (LOM: 146koz @ A$1,415/oz)*

✓ At gold price of A$2,500/oz[3]:

- *Capital payback of 25 months*
- *Pre-tax NPV[8%] of $1.1Bn, IRR of 64%*

✓ Next steps:

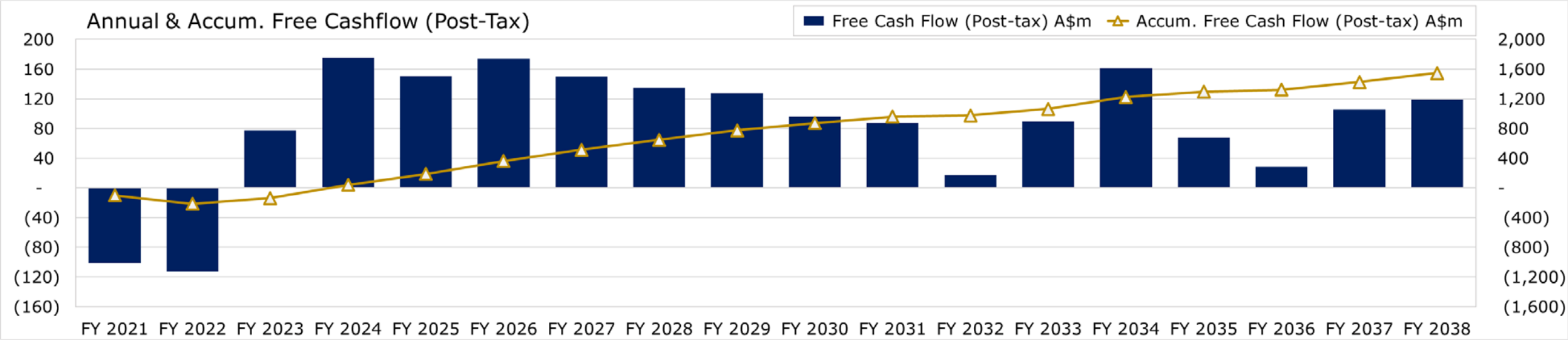
- *Commence bulk site earth works*
- *Project financing and completion of permitting*
- *Tendering of mine service contracts*
- *Final Investment Decision in coming months*

Australia's top 10 gold deposits by Ore Reserve[2]

	Mt	g/t	Moz
Cadia	1480.0	0.5	22.5
Boddington	566.3	0.7	11.9
Golden Mile	178.2	1.1	6.3
Tanami	33.2	5.3	5.7
Lake Cowal	142.2	1.0	4.4
Tropicana	65.7	1.8	3.7
Gruyere	90.4	1.3	3.5
King of the Hills[1]	**64.6**	**1.2**	**2.4**
St Ives	20.9	3.4	2.3
Fosterville	3.0	21.8	2.1

1. *Red 5's KOTH Project compared with Ore Reserves for the top 10 gold deposits in Australia, based on data from Red 5 ASX Release: 15 September 2020 (noting the balance shown are operating gold mines)*
2. *Refer to Slide 34 for sources*
3. *Red 5 ASX Release: 15 September 2020*

A large gold mine generating substantial cash flow[1]



Pre-tax	Unit	$2,000/oz	$2,250/oz	$2,500/oz	$2,750/oz	$3,000/oz
Project cashflow	$M	1,147	1,710	**2,273**	2,837	3,400
NPV[8%]	$M	512	806	**1,101**	1,395	1,689
IRR	%	38.0%	51.6%	**64.3%**	76.4%	88.0%
Post-tax	**Unit**	**$2,000/oz**	**$2,250/oz**	**$2,500/oz**	**$2,750/oz**	**$3,000/oz**
Project cashflow	$M	755	1,150	**1,544**	1,938	2,333
NPV[8%]	$M	314	520	**726**	932	1,138
IRR	%	28.7%	39.74%	**49.82%**	59.32%	68.40%
Payback period	Mth	39	29	**25**	22	20

At a gold price of A$2,500/oz:

- Free cashflow (after tax) of:
  - LOM total $1,544m
  - Years 1-6 average is A$144m p.a.
- Pre tax IRR of 64%
- Payback 25 months

1. *Red 5 ASX Release: 15 September 2020.*

KOTH site activities commenced, orders placed

	A$M[1]
Processing and infrastructure	188
Owners costs	12
Sub-total	200
Contingency	19
Sub-total	219
Mining pre-strip	7
Total (Real) capital cost	**226**

- EPC fixed-price contract awarded to MACA Interquip
- Construction of camp and central facilities has commenced
- Over $143M contracts awarded to date – 82% of total capital and currently $12M under budget
- $9.7m spent at end of September 2020

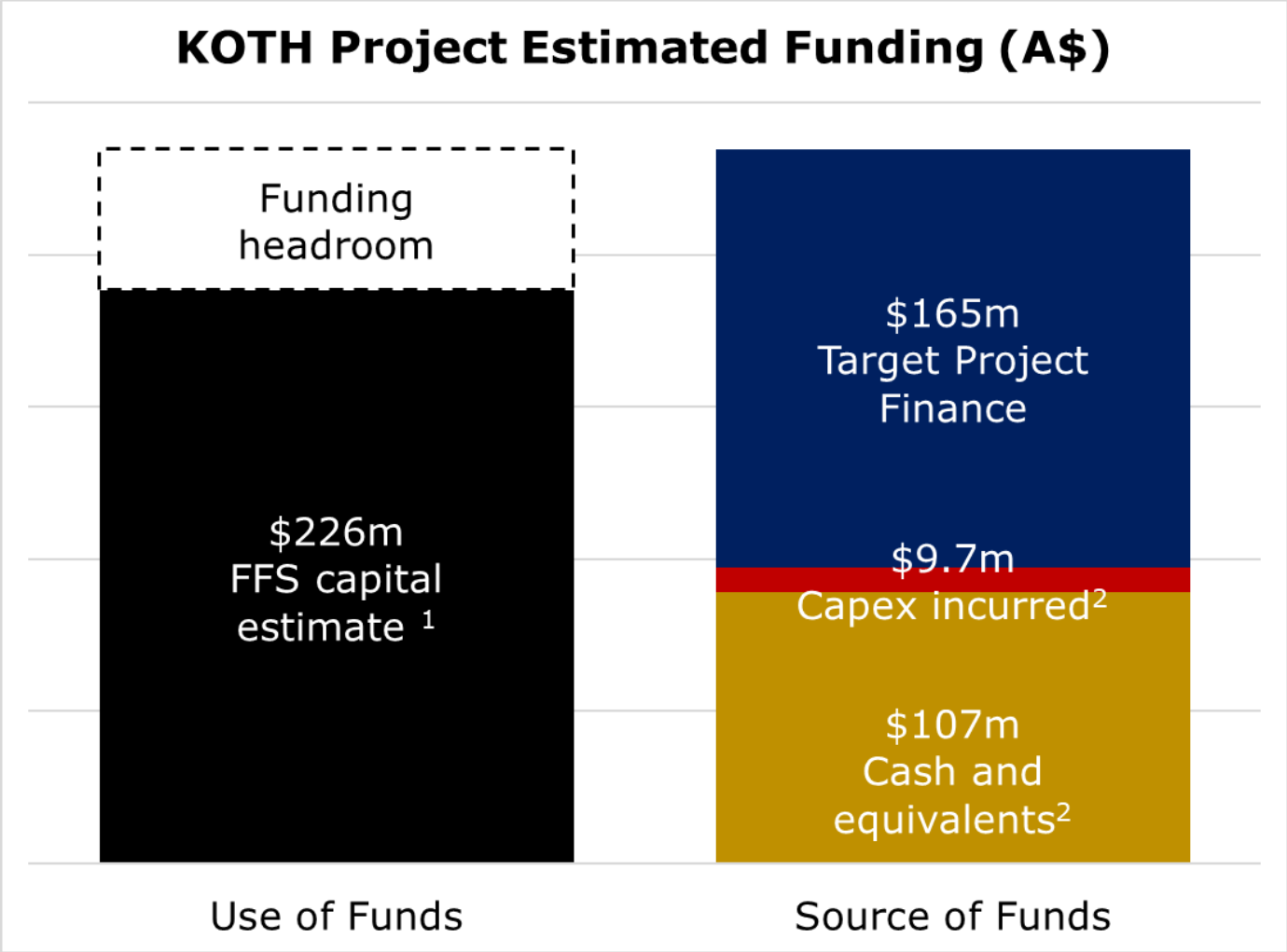
Mill casings in USA being loaded for transport

Installation of on-site camp modules

1. *Red 5 ASX Release: 15 September 2020.*
2. *Red 5 ASX Release: 2 November 2020.*

KOTH project financing is underway

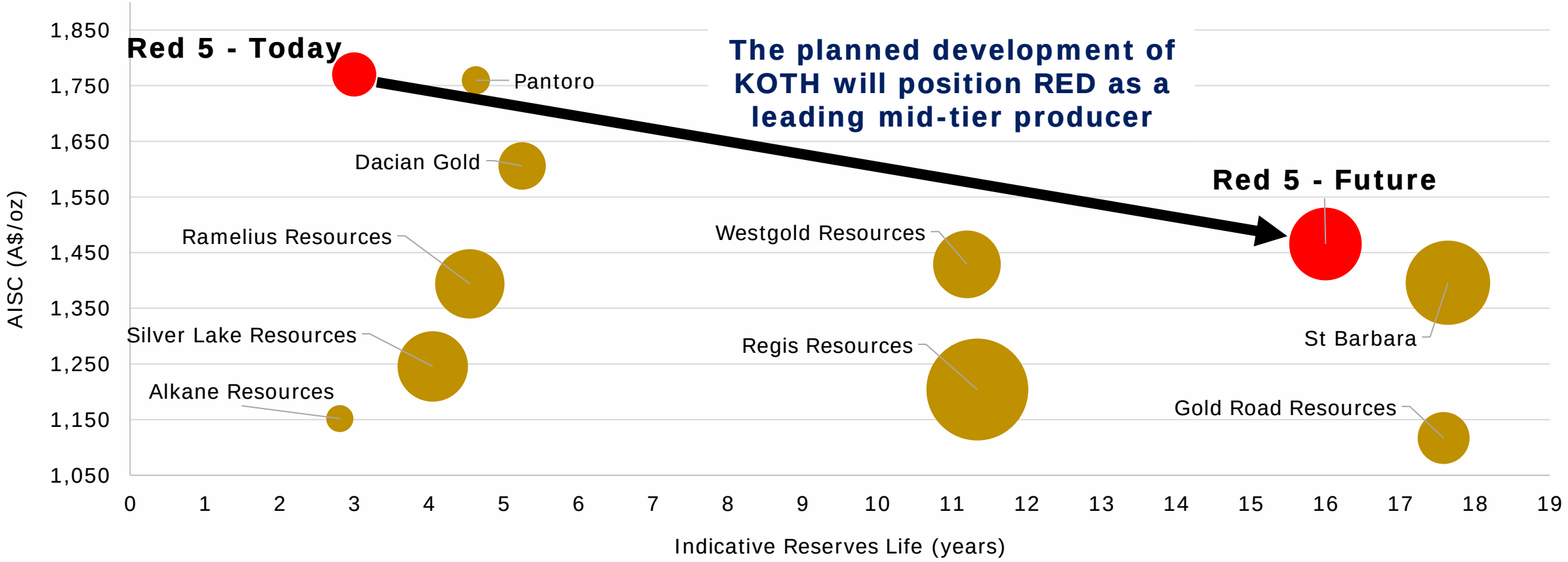
- Indicative term sheets have been received for project financing
- ITE Report from CSA Global currently being finalised
- Target Project Finance debt of up to $165m
  - KOTH-allocated cash from FY20 equity raising was $105m
  - $9.7m of KOTH capex budget spent at end of September 2020
- Low-risk brownfield project is attractive
  - High gold price environment
  - Strong project economics
  - Long reserve tail
  - Favorable mining jurisdiction



1. *Red 5 ASX Release: 15 September 2020 FFS Announcement*
2. *Red 5 ASX Release: 22 October 2020*

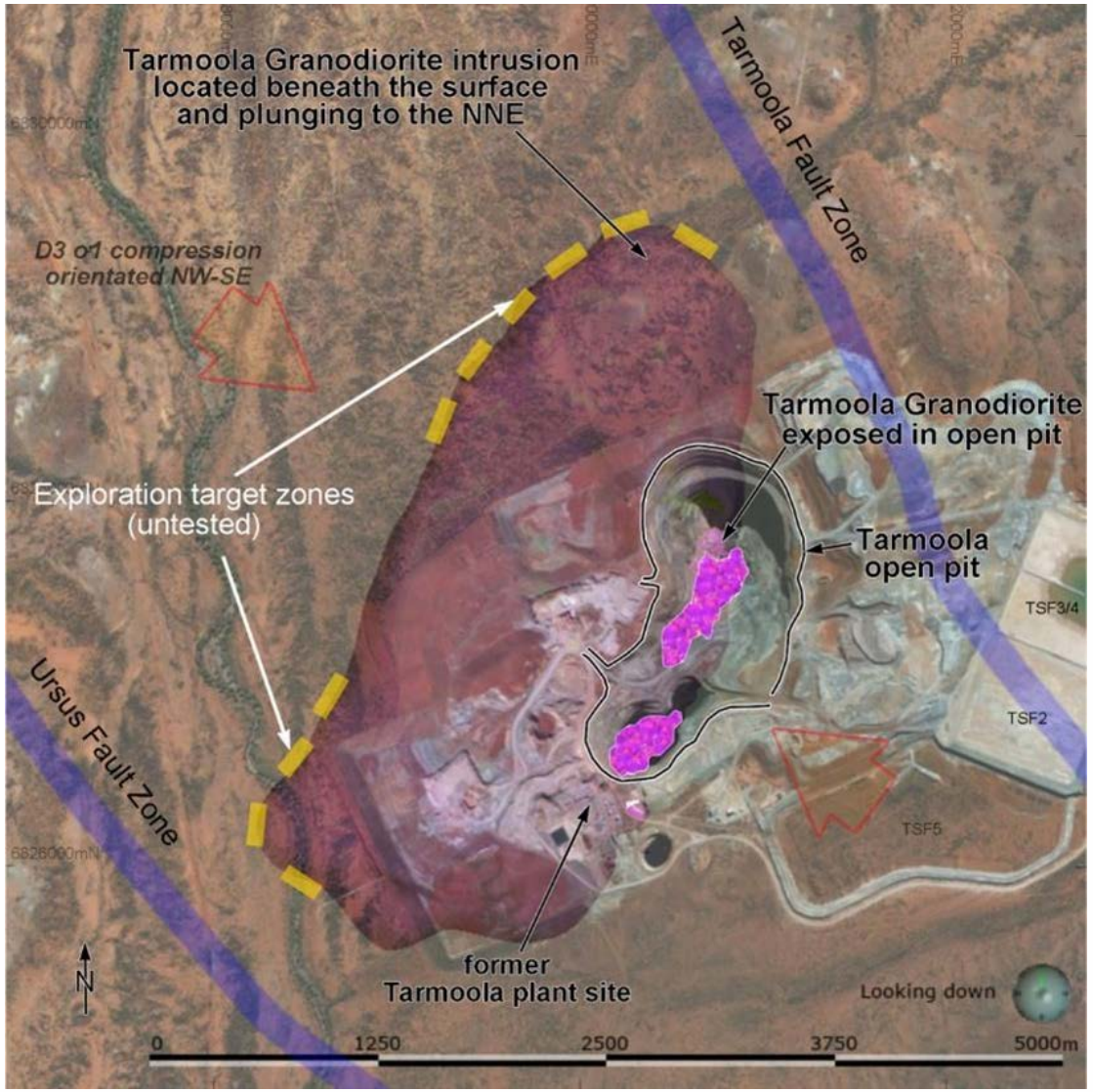
Red 5 transformation to a mid-tier gold producer

- AISC and indicative mine reserve life of WA-based gold companies[1,2]
- Gold companies/assets (Bubble Size = Indicative Production p.a)



Sources:
1. *S&P Capital IQ ; Goldnerds.com.au as at 30 September 2020*
2. *Red 5 supplied data based on KOTH FFS 15 September 2020, "Red 5 - Future" is based on KOTH 16-year Ore Reserves*

KOTH is a unique Project in uncertain times



Growth of the Australian gold industry

- Top 10 Australian gold deposit by Ore Reserve
- 16 year LOM, average 176kozpa in Years 1-6[1]
- Flexibility to expand Mill throughput, extend underground mine life beyond 4 years

Benefits to Western Australia economy

- 450 construction jobs
- 300 steady-state workforce
- Over A$600m of taxes and royalties over LOM

Transformation of Red 5

2017 – purchase of Darlot and KOTH

↓

2022 – targeting 250kozpa+ mid-tier gold producer[2]

1. *Red 5 ASX Release: 15 September 2020.*
2. *Refer to slide 11 and 24 for Ore Reserve and Mineral Resource estimates for Red 5's Australian assets.*

Thank-you

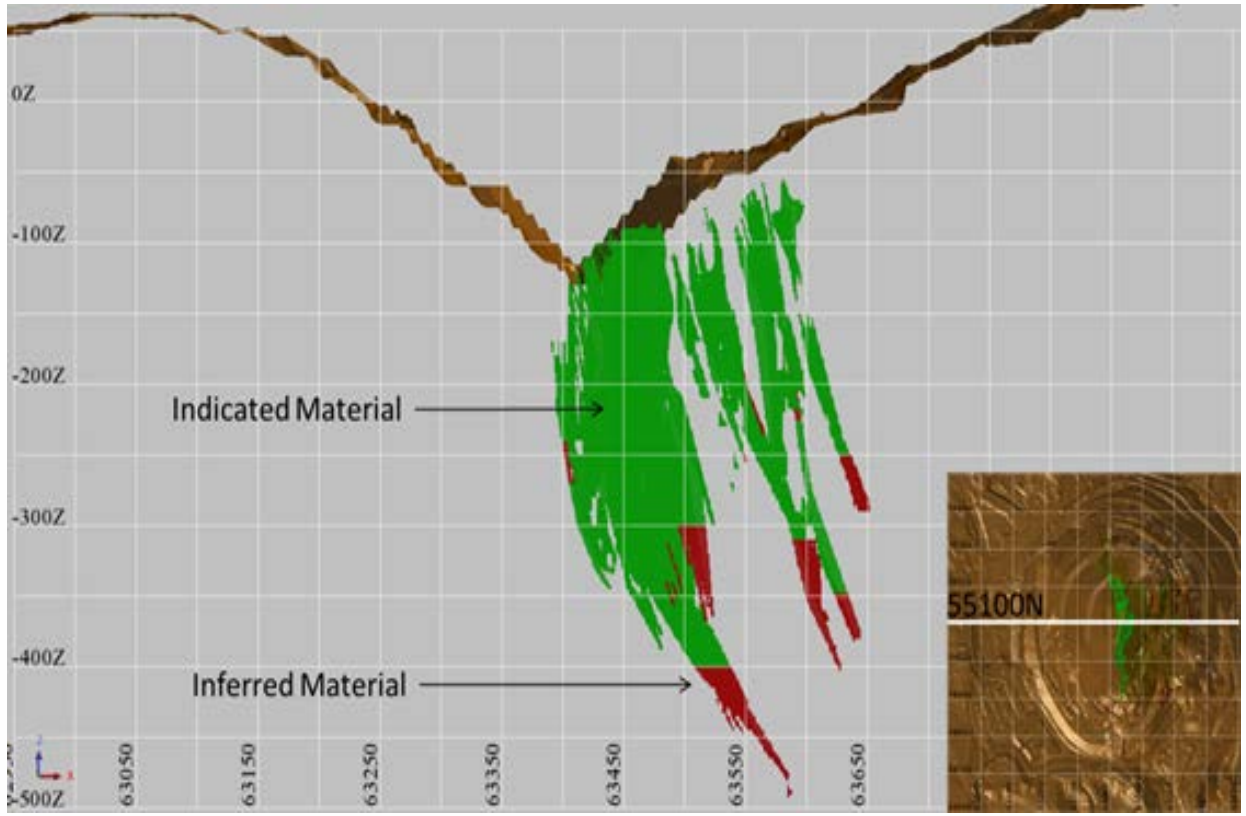
RED5 Limited

ASX Code: RED

Red 5 – appendix

Siana Gold Project, Philippines

- The Siana Gold Mine, owned by Philippine affiliated company Greenstone Resources, suspended mine operations in April 2017
- Maintaining mill and pit dewatering to preserve value
- Greenstone Resources is now evaluating its preferred plan and options for Siana
- Siana is a valuable gold mining asset[1]:
  - *8 year Life-of-Mine plan - total production of 3.8Mt @ 4.6 g/t for 504koz*
  - *Average All-in Sustaining Cost of US$790-US$840/oz*
  - *Significant upside potential in Reserve*



Siana Underground:
cross-section at 55100N

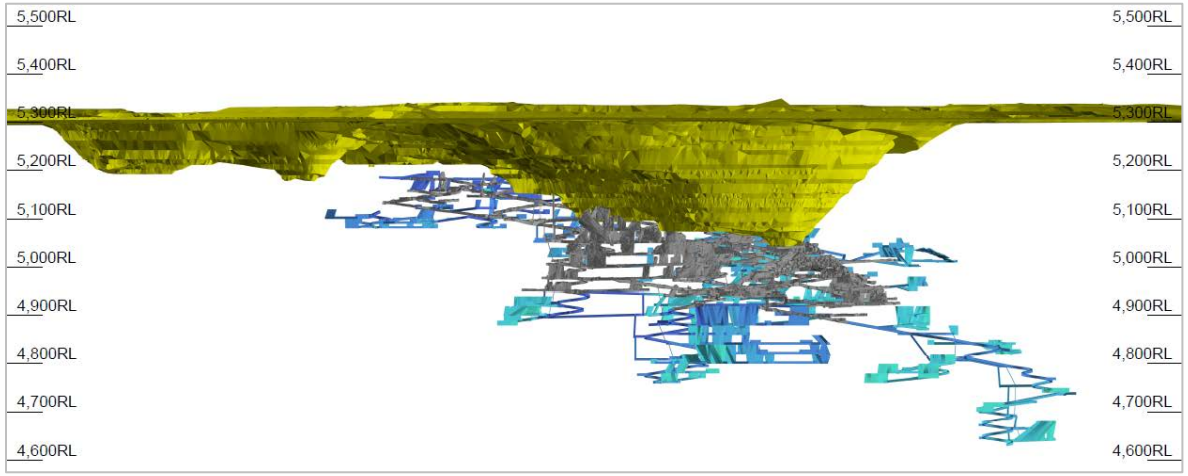
1. *Red 5 ASX release "Siana Gold Project and Company Update", 20 June 2017*

KOTH 2.4Moz Ore Reserve[1] – an increase of 64%

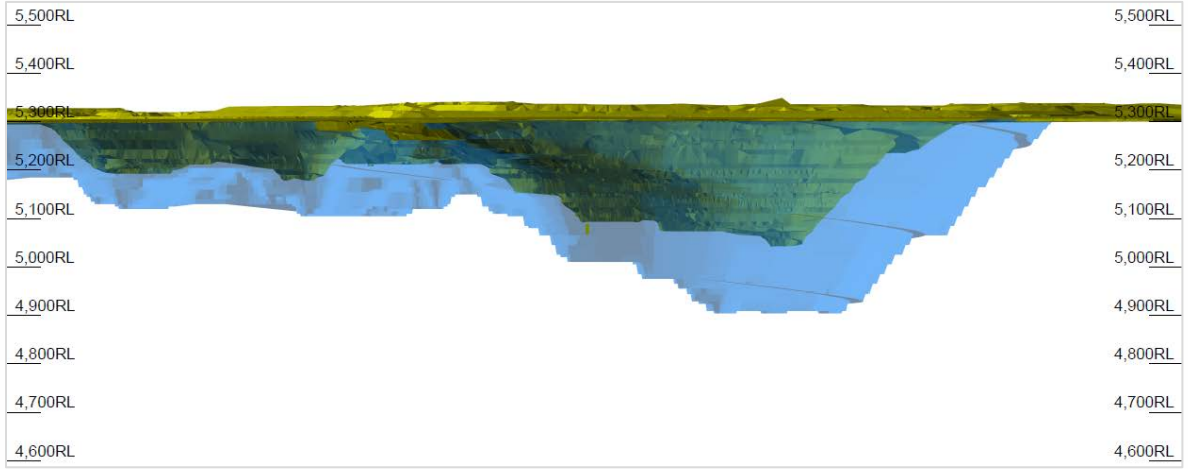
Total KOTH Ore Reserves as at September 2020						
Deposit	**Mining Method**	**Cut-off (g/t)**	**JORC 2012 Classification**	**Tonnes (Mt)**	**Gold (g/t)**	**Contained Gold (Moz)**
KOTH	Open pit	0.39	Probable	58.5	1.1	2.1
KOTH	Underground	1.60	Probable	2.4	2.3	0.2
Rainbow	Open pit	0.30	Probable	1.9	0.9	0.1
Centauri	Open pit	0.31	Probable	0.3	1.3	0.01
Cerebus & Eclipse	Open pit	0.32	Probable	1.5	1.0	0.05
Total				**64.6**	**1.2**	**2.4**

1. *Red 5 ASX Release: 15 September 2020.*

16 year initial LOM – open pit and underground



Long Section of the KOTH Underground Mine Plan (new mine stopes in blue)



Long Section of the KOTH Final Open Pit Mine Plan

- Bulk open pit and underground mine
- Start-up benefits from existing low-grade stockpiles (1.6Mt @ 0.6g/t) and Rainbow satellite pit
  - Minimal 3 months pre-strip required in FY22
- Underground mining @ 1Mtpa for the first four years
  - Potential for further drilling to extend UG
  - OP mine avoids interrupting portal until FY27
- Accessing higher-grade ore feed in early years
  - South Pit mined first to minimise stripping
  - Peak production of 203koz in FY23
  - Later cut-backs in North Pit allows South Pit to become short-haul backfill waste destination
- Satellite pits provide flexibility throughout LOM Plan
  - Rainbow mined during start-up
  - Cerebus-Eclipse mined in FY30-FY31 when cut-backs occur in North Pit

KOTH geology is well understood

Mar-20 Mineral Resource[1]

91Mt @ 1.4 g/t for

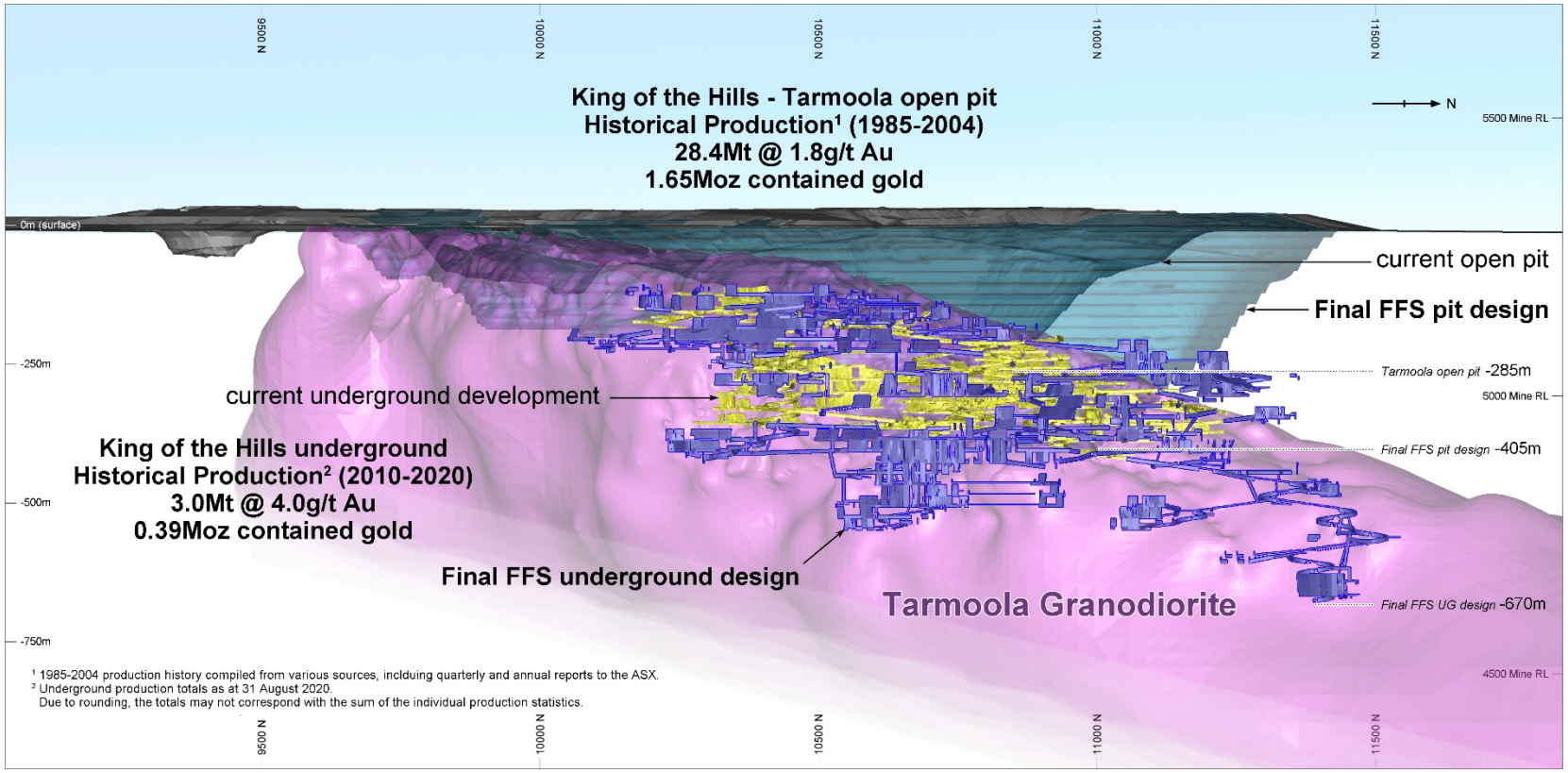
4.1Moz Au

Aug-20 Ore Reserve[2]

64.6Mt @ 1.2 g/t for

2.4Moz Au

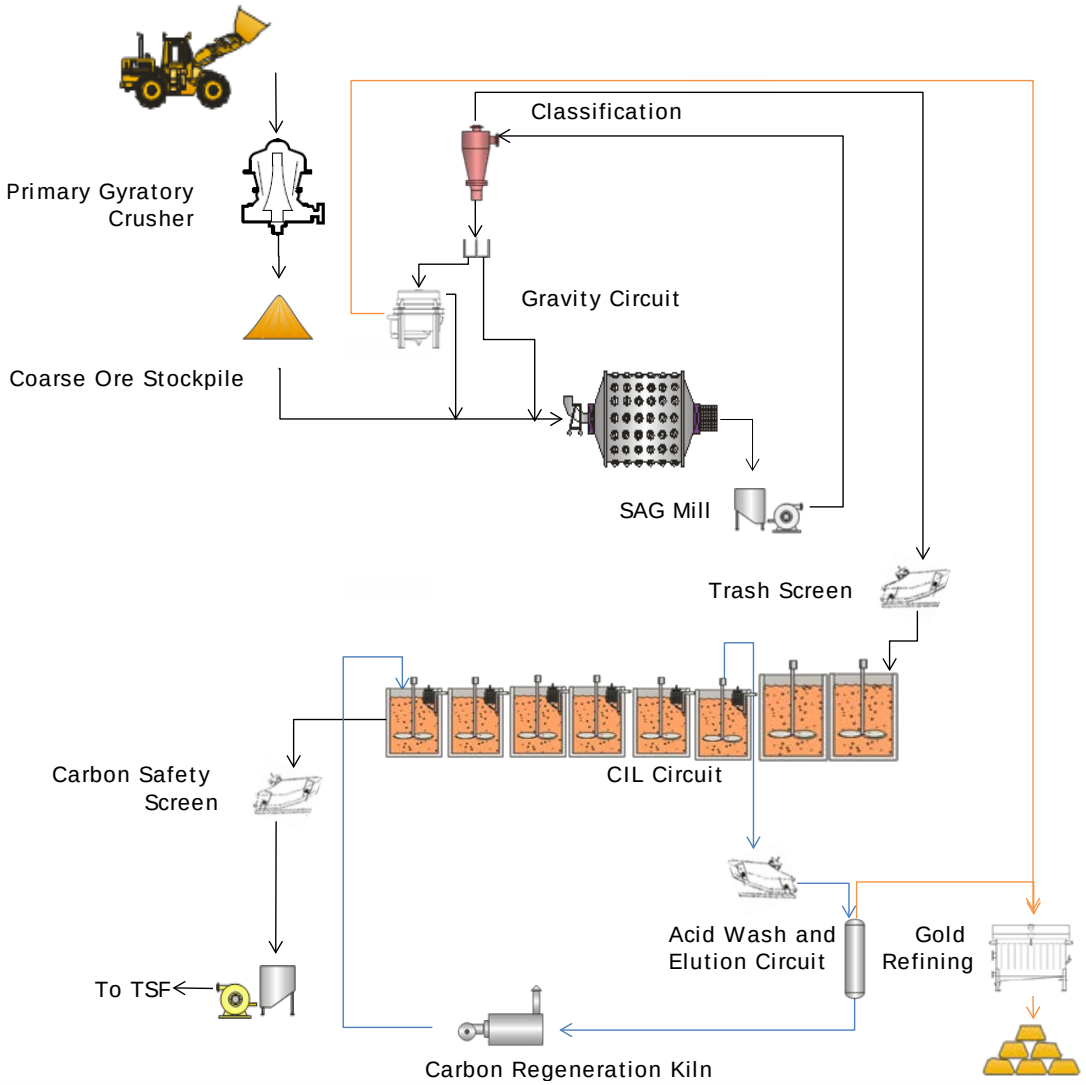
- Ore body hosted in a substantial granodiorite-ultramafic intrusion
  - 4km long x 2km wide
- Historical understanding from previous open pit and underground mining
- Red 5 knowledge of the resource has benefited from mining underground and ore processing at Darlot since 2018
- Ore body remains open at depth and along strike
- Ongoing drilling expected to expand underground resources



1. *Red 5 ASX Release: 19 March 2020*
2. *Red 5 ASX Release: 15 September 2020*

4mtpa CIL plant with expansion capability

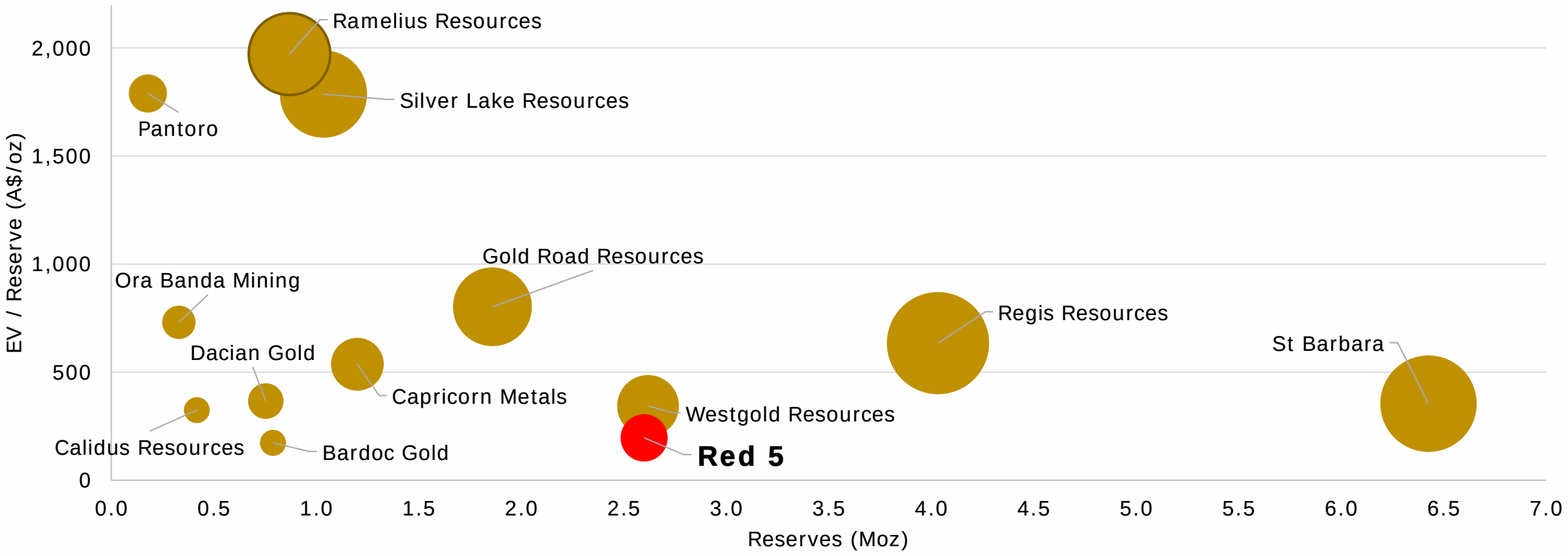
- Conventional 4Mtpa CIL plant
  - Designed for future expansion to 6Mtpa with minimal interruption and low CAPEX
  - Order has been placed for SAG mill
- Gyratory crusher with 6Mtpa installed capacity
  - Order has been placed for crusher
- Coarse grind P_{80} 150µ[1] – SAG mill compatible
- 92.7% recoveries[1] over LOM
- 25MW gas-fired power station connected to Goldfields gas pipeline
- $11.83/t LOM processing cost[1]
- High level of confidence in metallurgy:
  - Historical processing data (1989-2004)
  - Metallurgical testwork (historical and FFS)
  - Processing KOTH ore at Darlot



1. *Red 5 ASX Release: 15 September 2020*

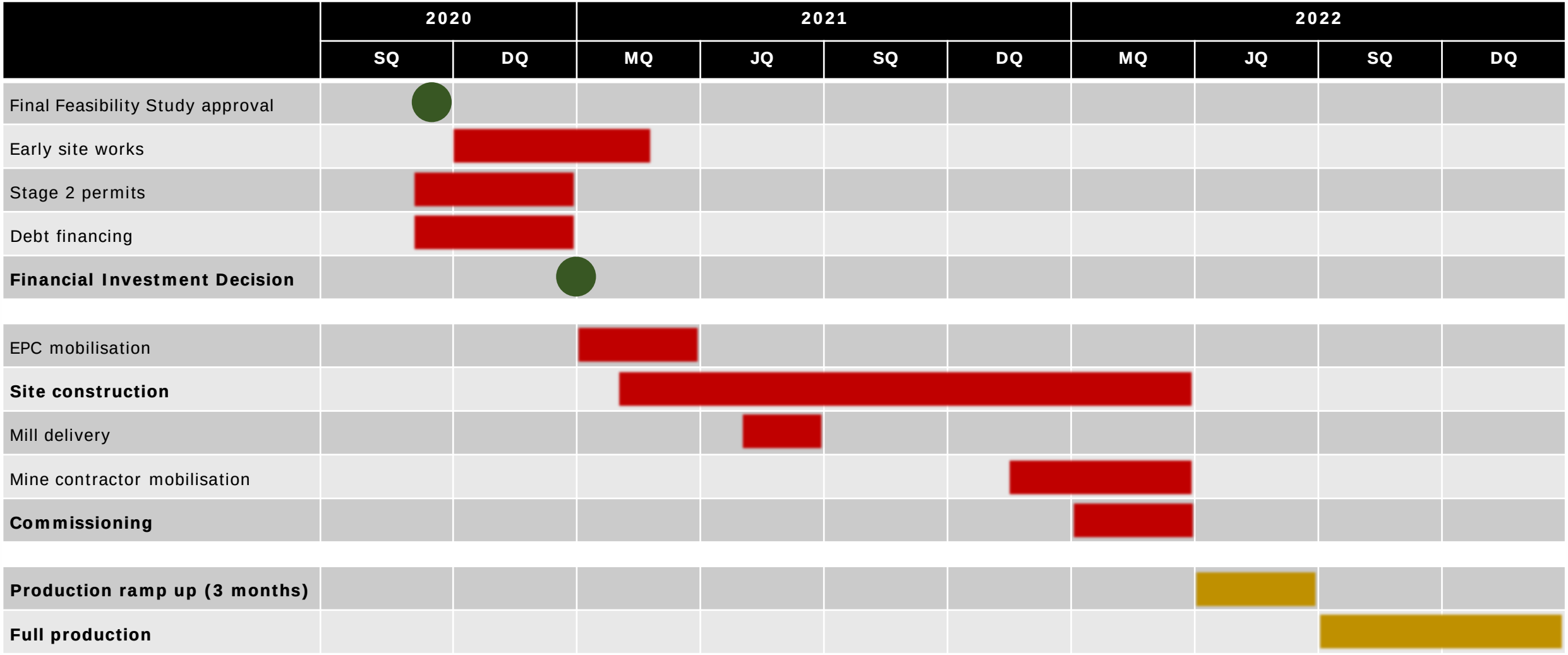
Red 5 EV / Reserve relative to its peers

- Valuation of WA based-gold companies[1]
- Bubble Size = Enterprise Value



Sources:
1. S&P Capital IQ ; Goldnerds.com.au as at 30 September 2020

Pathway to production in 2022



Order placed for 15MW SAG Mill

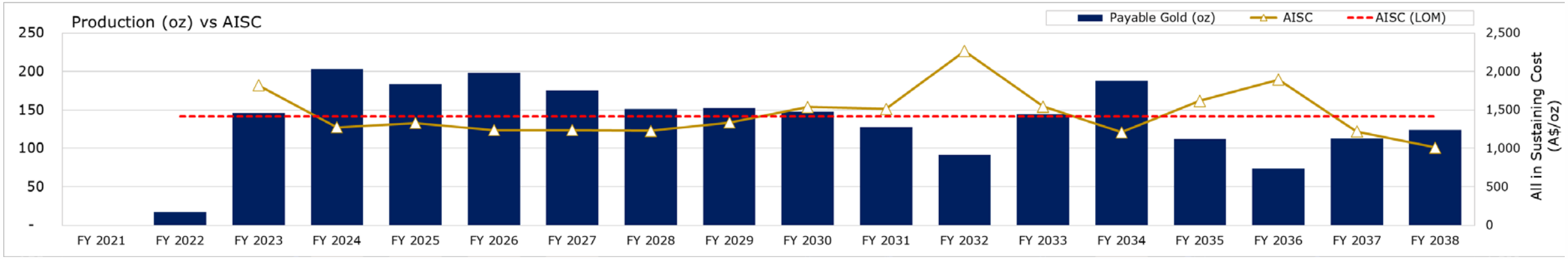
Hardest Ore	Design	Mid	High
Power Draw (kW)	9,272	10,859	12,445
Grind Size (P80)	150	150	150
Tonnes Per Hour (tph)	500	586	671
Tonnes Per Annum (Mtpa)	4.0	4.7	5.4
Average Ore	**Design**	**Mid**	**High**
Power Draw (kW)	6,446	9,671	12,445
Grind Size (P80)	150	150	150
Tonnes Per Hour (tph)	500	750	965
Tonnes Per Annum (Mtpa)	4.0	6.0	7.8

- 15MW, dual synchronous motor semi-autonomous grind (SAG) mill with VVVF drive
- Delivery to site is expected in the June Quarter 2021
- SAG mill forecast throughput modelling performed by Orway Consultants, based on ore hardness and power variables
- Further study and cost will be required before modifying the milling circuit

Mine Plan optimises material movement over LOM

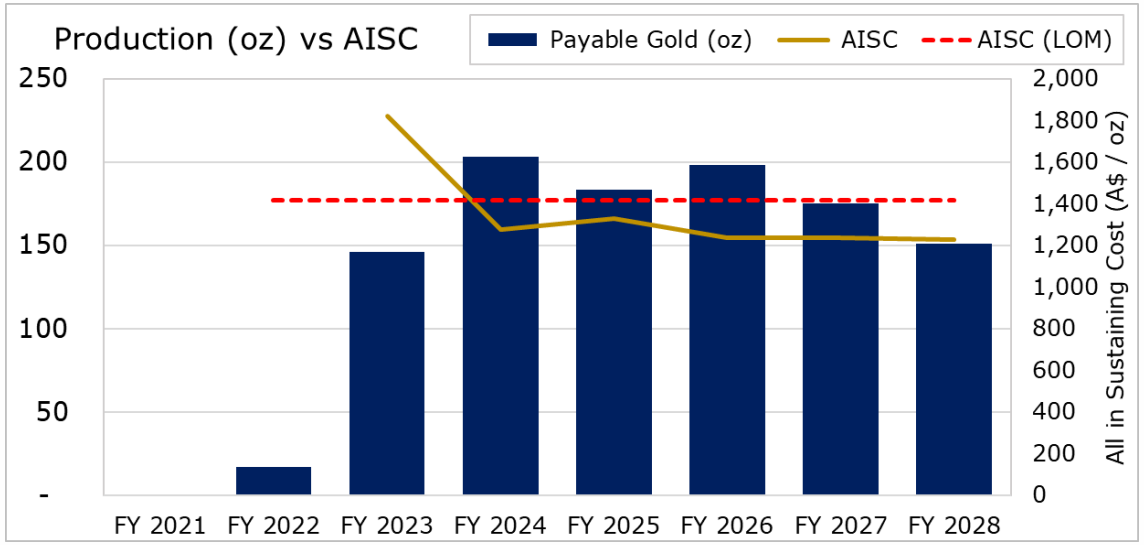
Cost of Production ($A/oz)	Yrs 1-6	LOM
Mining	895	908
Processing	273	321
G&A	39	46
Transport & treatment	1	1
By product credits (silver)	(8)	(8)
Total Cash Cost (C1)	1,200	1,268
Royalties	80	80
Sustaining capital	59	67
Total AISC	**1,339**	**1,415**

- Mining to be undertaken by mining contractors
  - Contractors to install mining facilities
  - Open pit fleet forecast to include 250t excavators and 140t haul trucks
  - Tender process commenced for OP and UG mine contracts
- Red 5 to operate mill
  - Experienced operators at Darlot
  - Experienced processing KOTH ore
- Higher stripping cost/waste movement in FY32 and FY33 to access high-grade open pit ore late in LOM increases the average AISC

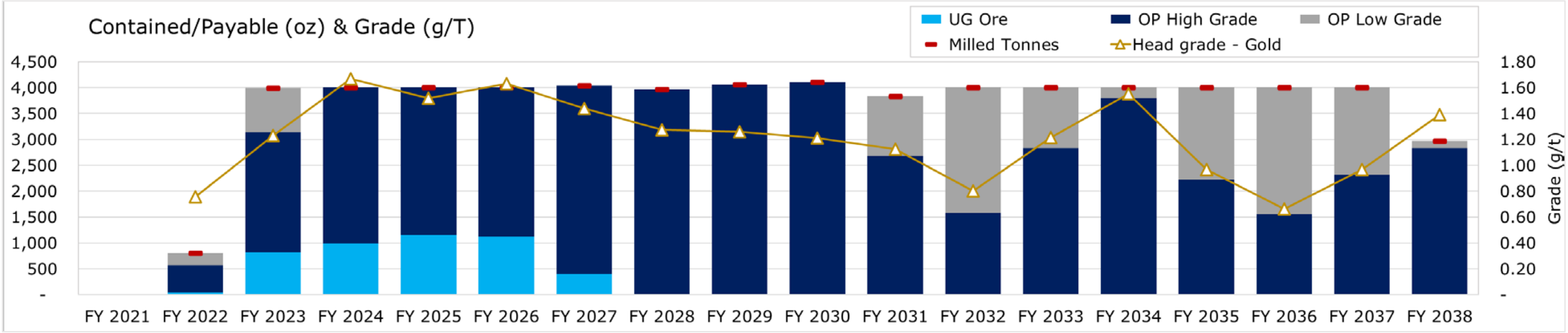


1. *Red 5 ASX Release: 15 September 2020*

KOTH LOM Plan focussed on maximising value



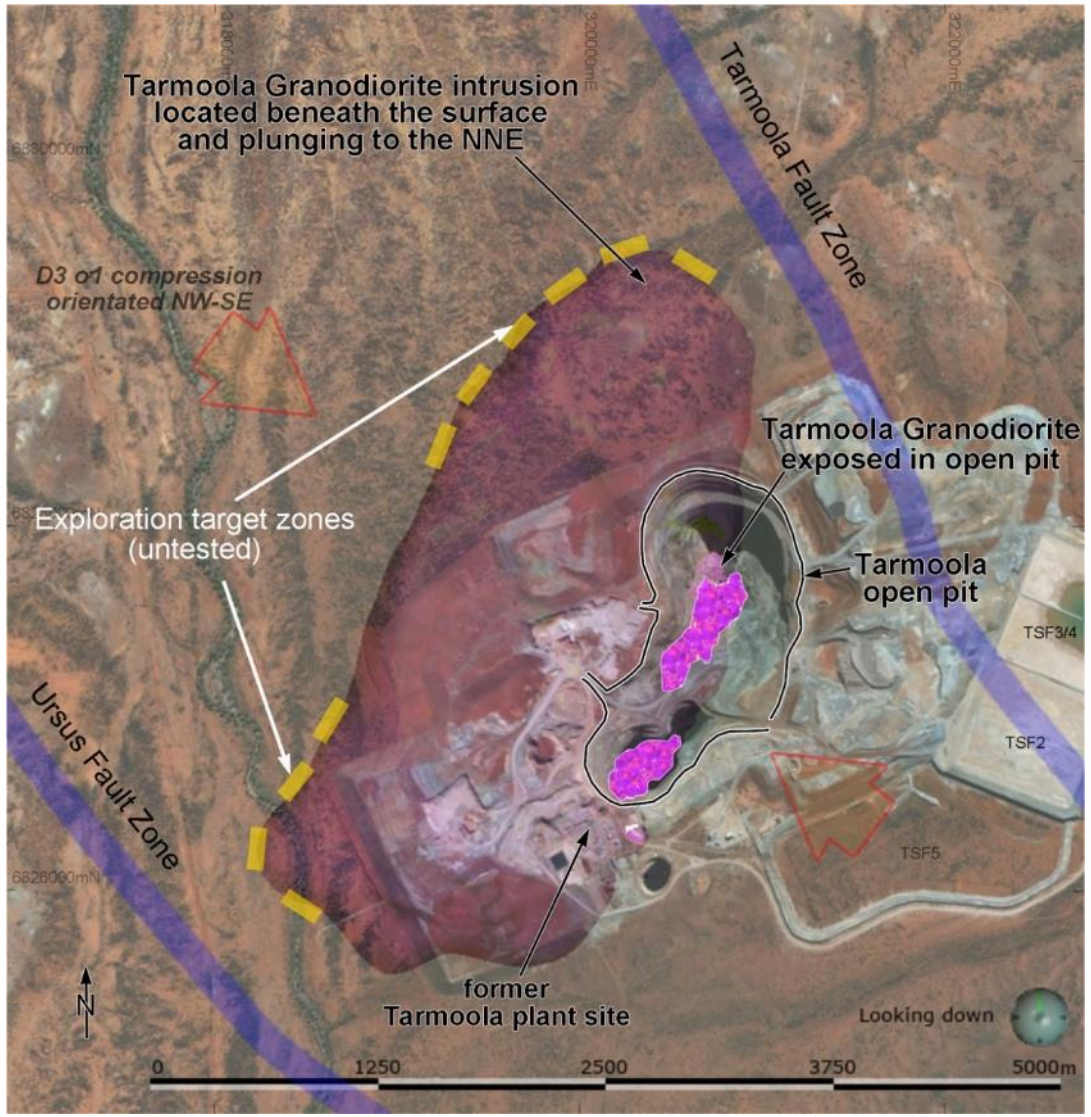
- Early years of LOM benefit from UG mining and processing of high-grade ore
  - Potential to extend UG mining beyond FY27
- Low-grade ore is stockpiled and processed in the back half of the LOM Plan
- Lower AISC during Years 1-6 result in short payback
- Flexibility in plant design to expand mill to 6Mtpa



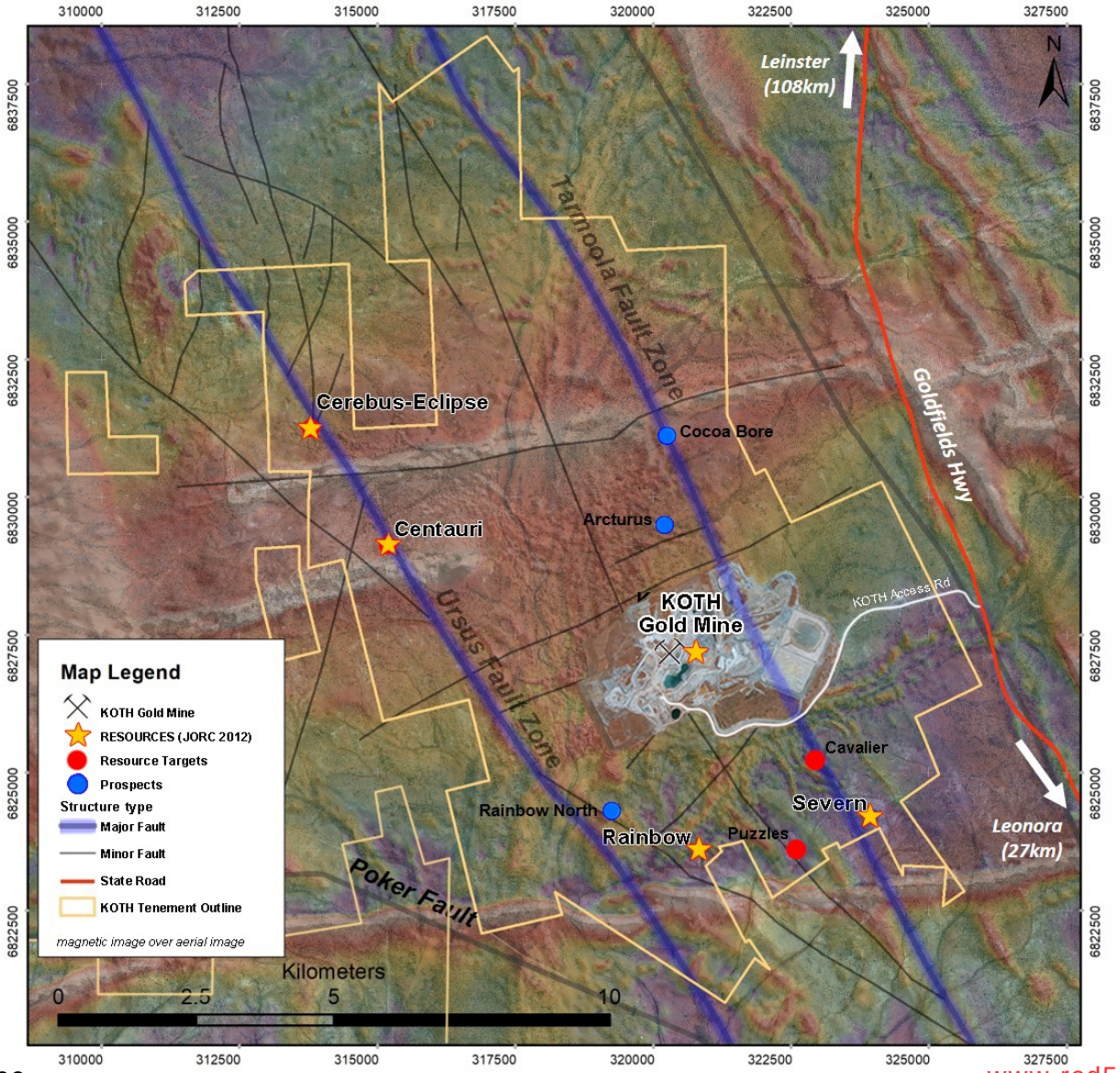
1. *Red 5 ASX Release: 19 March 2020*
2. *Red 5 ASX Release: 15 September 2020*

Further scope to increase production and extend LOM

- Future expansion in processing capacity
  - *6Mtpa crushing circuit included in FFS design/cost*
  - *Oversize 4Mtpa SAG Mill selected*
  - *Design allowance for upgrade of the grinding, leaching and elution components*
  - *Minimal production interruption*
- Granodiorite/ultramafic contact zone extends almost 12km around the granodiorite, with the potential to host gold mineralisation outside of the existing mine area
- Extending underground mining beyond FY27 as development progresses
- Future exploration drilling areas include:
  - *NW corner of granodiorite contact*
  - *Below Bulk Resource under southern end of open pit*
  - *Southern end of contact adjacent to Ursus Shear*
  - *Regional satellite deposits not currently included in the Ore Reserve and/or Mineral Resource*



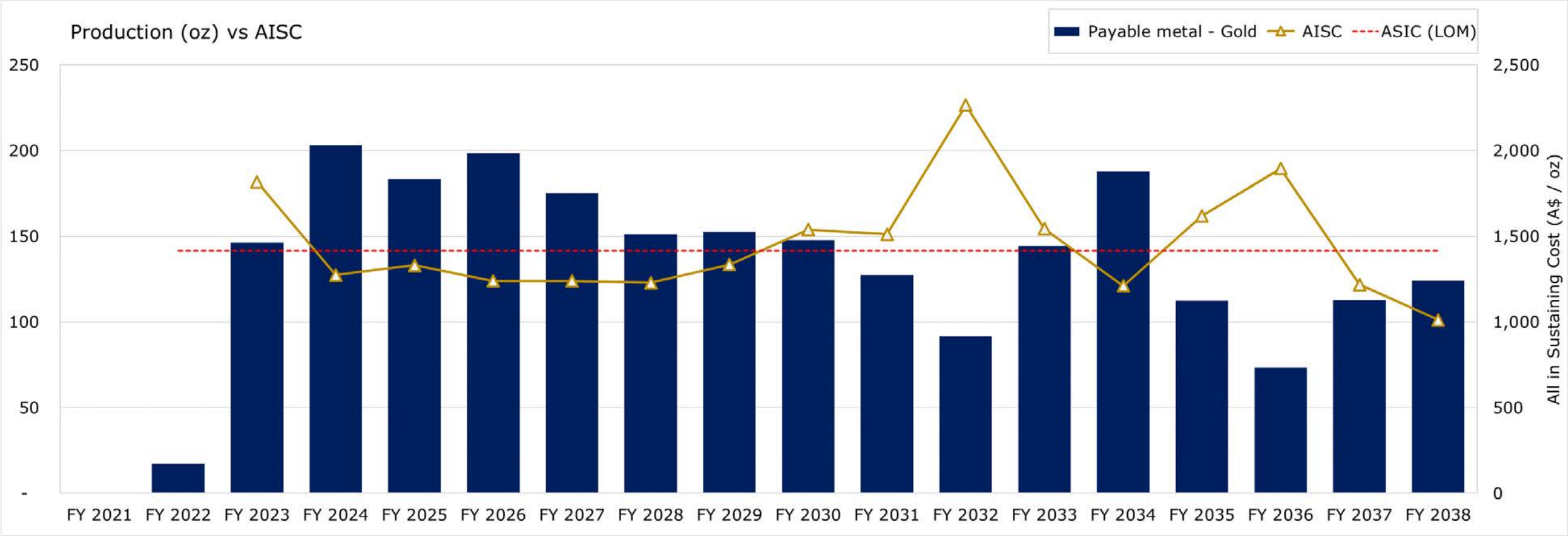
KOTH satellite deposits [1] – Resource of 308koz



- Maiden JORC Mineral Resources announced in May 2020[1]:
  - o Cerebus-Eclipse: Indicated and Inferred Resource of 2.8Mt @ 1.2g/t Au for 112,000oz
  - o Centauri: Indicated and Inferred Resource of 1.7Mt @ 1.5g/t Au for 81,300oz
- Adds to the existing Rainbow and Severn deposits[2]
  - o Rainbow: Indicated and Inferred Resource of 1.6Mt @ 1.3g/t Au for 67,000oz
  - o Severn: Indicated and Inferred Resource of 0.9Mt @ 1.6g/t Au for 47,900oz
- Potential complementary mill feed and cash flow during the early stages of the stand-along KOTH Project

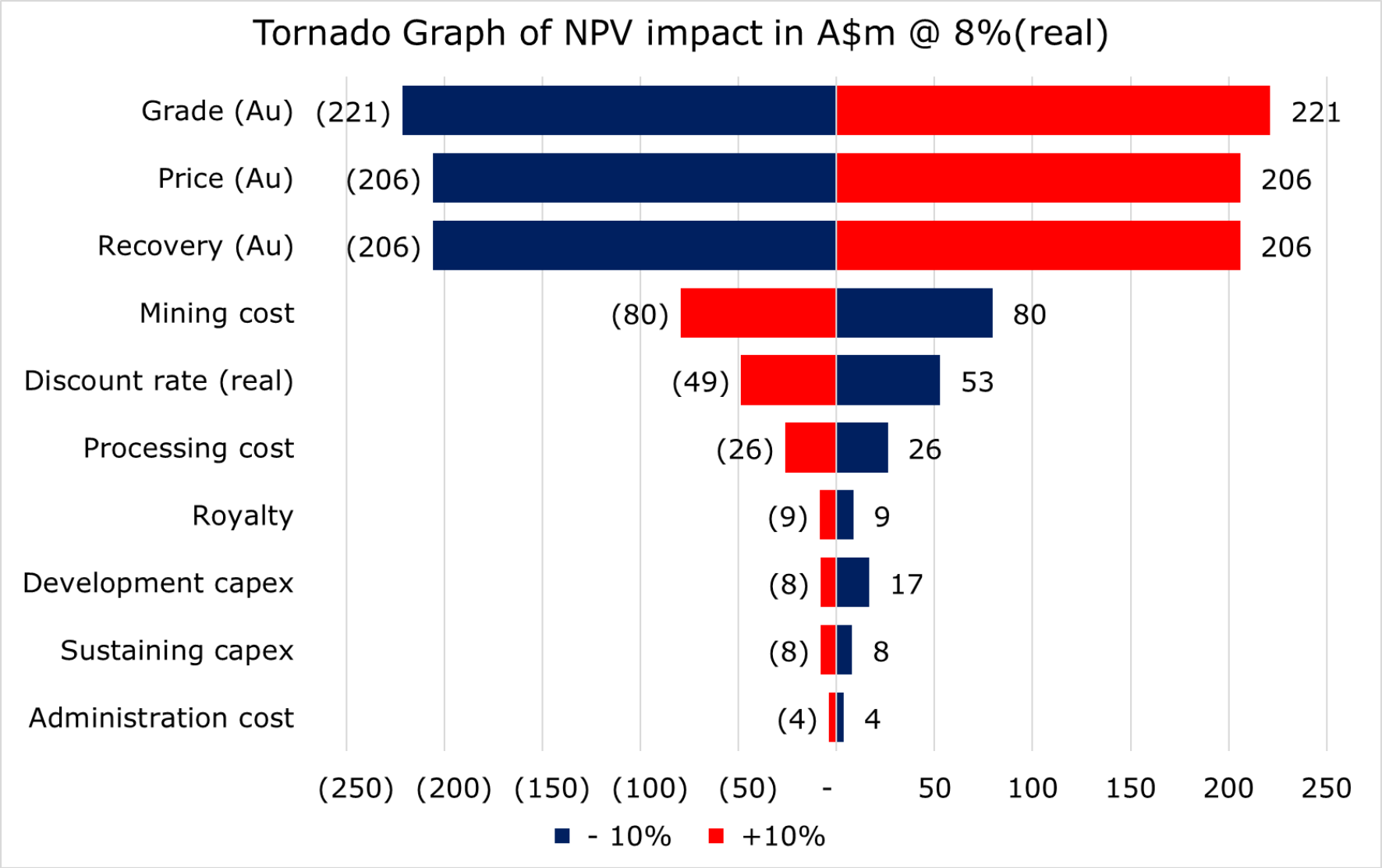
1. *Red 5 ASX Release: 6 May 2020*
2. *Red 5 ASX Release: 1 May 2019*

KOTH LOM plan gold sales profile[1]



1. *Red 5 ASX Release: 15 September 2020.*

KOTH LOM plan sensitivities[1]



1. *Red 5 ASX Release: 15 September 2020.*

KOTH is in the Top 20 gold deposits in Australia

	Resources				Reserves		
	Mt	g/t	Moz		Mt	g/t	Moz
Cadia	3174.0	0.4	37.5	Cadia	1480.0	0.5	22.5
Boddington	931.1	0.6	17.4	Boddington	566.3	0.7	11.9
Golden Mile (100%)	272.6	1.4	12.0	Golden Mile (100%)	178.2	1.1	6.3
Tanami	65.5	4.3	9.1	Tanami	33.2	5.3	5.7
Lake Cowal	264.6	1.1	9.0	Lake Cowal	142.2	1.0	4.4
Granny Smith	49.4	5.2	8.3	Tropicana	65.7	1.8	3.7
Tropicana	136.2	1.8	7.7	Gruyere 100%	90.4	1.3	3.5
Gruyere 100%	153.7	1.3	6.6	**King of the Hills[2]**	**64.6**	**1.2**	**2.4**
Wiluna	100.5	2.0	6.3	St Ives	20.9	3.4	2.3
Telfer	188.9	0.9	5.4	Fosterville	3.0	21.8	2.1
Jundee	55.2	0.3	5.3	Granny Smith	12.5	5.2	2.1
Duketon Region	169.0	0.8	5.0	Jundee	16.9	3.7	2.0
Carosue Dam Region	72.0	2.0	4.6	Carosue Dam Region	33.0	1.9	2.0
St Ives	34.5	4.0	4.4	Gwalia	9.4	6.3	1.9
Gwalia	22.6	6.0	4.4	Thunderbox Region	33.0	1.9	1.7
King of the Hills[1]	**90.7**	**1.4**	**4.1**	Duketon Region	43.0	1.1	1.6
Sunrise Dam	67.0	1.9	4.1	Wiluna	24.7	1.7	1.4
Fosterville	20.8	5.7	3.8	Telfer	55.4	0.8	1.4
Thunderbox Region	57.0	1.7	3.2	Big Bell	13.7	2.8	1.2
Agnew/EMU	14.0	5.6	2.5	Sunrise Dam	17.8	1.9	1.1
Mungari	50.9	1.5	2.4	Agnew/EMU	4.6	5.2	0.8
Big Bell	27.6	2.7	2.4	Mungari	11.6	1.5	0.6

1. *Red 5 ASX Release: 19 March 2020*
2. *Red 5's KOTH Project compared with Ore Reserves for the top 10 operating mines in Australia. Red 5 ASX Release: 15 September 2020*

Appendix – Australian top 20 gold deposits[1]

	Resources				Reserves		
	Mt	g/t	Moz		Mt	g/t	Moz
Cadia	Newcrest						
Measured	32.0	0.30	0.3	Proven			
Indicated	3090.0	0.37	36.5	Probable	1480.0	0.45	21.6
Inferred	52.0	0.45	0.7				
Total	3174.0	0.37	37.5	Total	1480.0	0.47	22.5
Telfer	Newcrest						
Measured	4.7	0.38	0.1	Proven	4.7	0.38	0.1
Indicated	168.4	0.87	4.7	Probable	50.7	0.81	1.3
Inferred	15.8	1.29	0.7				
Total	188.9	0.90	5.4	Total	55.4	0.77	1.4
Source: Newcrest Resource & Reserve release 13 Feb 2020 - Data as at 31 Dec 2019							
Boddington	Newmont						
Measured	340.0	0.65	7.1	Proven	238.7	0.69	5.3
Indicated	584.9	0.54	10.2	Probable	327.6	0.63	5.7
Inferred	6.2	0.45	0.1				
Total	931.1	0.58	17.4	Total	566.3	0.65	11.9
Source: Newmont Resource & Reserve Supplement 2019 - Data as at 31 Dec 2019							
Golden Mile (100%)	Northern Star/Saracen						
Measured	46.4	1.30	1.9	Proven	34.4	1.24	1.4
Indicated	200.6	1.26	8.1	Probable	143.8	1.08	4.9
Inferred	25.6	2.33	1.9				
Total	272.6	1.37	12.0	Total	178.2	1.10	6.3
Source: Newmont Resource & Reserve Supplement 2019 - Data as at 31 Dec 2019							
Tanami	Newmont						
Measured	13.2	5.16	2.2	Proven	13.0	5.18	2.2
Indicated	37.7	3.92	4.8	Probable	20.2	5.39	3.5
Inferred	14.6	4.52	2.2				
Total	65.5	4.32	9.1	Total	33.2	5.32	5.7
Source: Newmont Resource & Reserve Supplement 2019 - Data as at 31 Dec 2019							
Tropicana	AngloGold/Independence Group						
Measured	34.3	0.88	1.0	Proven	19.8	1.15	0.7
Indicated	84.0	1.76	4.8	Probable	45.9	2.04	3.0
Inferred	17.9	3.41	2.0				
Total	136.2	1.76	7.7	Total	65.7	1.77	3.7
Source Independence Group Resource and Reserve Statement 30 January 2020 - Data as at 31 Dec 2018							
Granny Smith	Goldfields						
Measured	4.5	5.36	0.8	Proven	0.8	4.81	0.1
Indicated	31.5	5.67	5.7	Probable	11.6	5.21	1.9
Inferred	13.3	4.20	1.8				
Total	49.4	5.23	8.3	Total	12.5	5.18	2.1
Source: Goldfields 2019 Resource & Reserve Supplement - Data as at 31 Dec 2019							
Gruyere 100%	Goldfields/Gold Road						
Measured	14.8	1.11	0.5	Proven	14.7	1.06	0.5
Indicated	129.4	1.34	5.6	Probable	75.7	1.27	3.1
Inferred	9.4	1.66	0.5				
Total	153.7	1.34	6.6	Total	90.4	1.25	3.5
Source: Goldfields 2019 Resource & Reserve Supplement - Data as at 31 Dec 2019							
St Ives	Goldfields						
Measured	5.8	1.87	0.3	Proven	5.0	1.50	0.2
Indicated	21.0	4.13	3.1	Probable	15.9	4.00	2.0
Inferred	7.7	3.58	0.9				
Total	34.5	3.97	4.4	Total	20.9	3.40	2.3
Source: Goldfields 2019 Resource & Reserve Supplement - Data as at 31 Dec 2019							
Agnew/EMU	Goldfields						
Measured	0.3	3.07	0.0	Proven	0.3	2.35	0.0
Indicated	8.2	6.01	1.6	Probable	4.3	5.35	0.8
Inferred	5.5	5.16	0.9				
Total	14.0	5.60	2.5	Total	4.6	5.17	0.8
Source: Goldfields 2019 Resource & Reserve Supplement - Data as at 31 Dec 2019							
Lake Cowal	Evolution						
Measured	42.8	0.63	0.9	Proven	42.8	0.63	0.9
Indicated	181.6	1.04	6.6	Probable	99.4	1.12	3.6
Inferred	40.2	161.00	2.1				
Total	264.6	1.06	9.0	Total	142.2	0.97	4.4
Mungari	Evolution						
Measured	1.1	3.22	0.1	Proven	1.0	2.47	0.1
Indicated	40.2	1.31	1.7	Probable	10.6	1.43	0.5
Inferred	9.7	1.93	0.6				
Total	50.9	1.47	2.4	Total	11.6	1.52	0.6
Source: Evolution Resource & Reserve release 12 February 2020 - Data as at 31 Dec 2019, Cowell 23 July 2020							

	Resources				Reserves		
	Mt	g/t	Moz		Mt	g/t	Moz
Sunrise Dam	AngloGold						
Measured	28.9	1.54	1.4	Proven	11.2	1.39	0.5
Indicated	25.5	2.05	1.7	Probable	6.6	3.60	0.6
Inferred	12.6	2.37	1.0				
Total	67.0	1.89	4.1	Total	17.8	1.93	1.1
Source: Anglogold Resource & Reserve Supplement 2019 - Data as at 31 Dec 2019							
Duketon Region	Regis						
Measured	20.0	0.80	0.5	Proven	12.0	0.80	0.3
Indicated	128.0	0.90	3.9	Probable	31.0	1.30	1.3
Inferred	21.0	0.90	0.6				
Total	169.0	0.80	5.0	Total	43.0	1.10	1.6
Source: Regis Resource & Reserve Statement 24 August 2020 - Data as at 31 Mar 2020							
Carosue Dam Region	Saracen						
Measured	9.8	2.00	0.6	Proven	3.3	0.90	0.1
Indicated	44.0	2.00	2.8	Probable	29.0	2.00	1.9
Inferred	18.0	2.10	1.2				
Total	72.0	2.00	4.6	Total	33.0	1.90	2.0
Thunderbox Region	Saracen						
Measured	10.0	1.70	0.5	Proven	7.0	1.50	0.3
Indicated	38.0	1.80	2.3	Probable	26.0	1.70	1.4
Inferred	6.9	1.90	0.4				
Total	57.0	1.70	3.2	Total	33.0	1.90	1.7
Source: Saracen Resource and Reserve Release 4 August 2020 - Data as at 30 Jun 2020							
Gwalia	St Barbara						
Measured	4.0	6.40	0.8	Proven	1.6	8.00	0.4
Indicated	17.4	6.00	3.4	Probable	7.8	5.90	1.5
Inferred	1.2	5.50	0.2				
Total	22.6	6.00	4.4	Total	9.4	6.30	1.9
Source: St Barbara Reserve & Resource Statement 24 August 2020 -Data as at 30 June 2020							
Jundee							
Measured	2.1	1.40	0.1	Proven	2.1	1.40	0.1
Indicated	38.9	3.20	4.5	Probable	14.8	4.10	1.9
Inferred	14.2	3.20	4.1				
Total	55.2	0.30	5.3	Total	16.9	3.70	2.0
Source: Northern Star Resource and Reserve Release 13 August 2020 - Data as at 30 June 2020							
Kanowna							
Measured	0.0	0.00	0.0	Proven	2.5	3.00	0.2
Indicated	12.3	2.90	1.1	Probable	5.8	2.60	0.5
Inferred	8.7	2.60	0.7				
Total	24.2	2.80	2.2	Total	8.2	2.70	0.7
Source: Northern Star Resource and Reserve Release 13 August 2020 - Data as at 30 June 2020							
Big Bell	Westgold						
Measured	2.0	3.48	0.2	Proven	1.9	3.06	0.2
Indicated	20.1	2.63	1.7	Probable	11.8	2.71	1.0
Inferred	5.4	2.43	0.4				
Total	27.6	2.65	2.4	Total	13.7	2.76	1.2
Source: Westgold Resource & Reserve Release 13 Aug 2020 - Data as at 30 Jun 2020							
Fosterville	Kirkland Lake						
Measured				Proven			
Indicated	12.3	5.30	2.1	Probable	3.0	21.80	2.1
Inferred	8.5	6.40	1.7				
Total	20.8	5.73	3.8	Total	3.0	21.80	2.1
Source: Kirkland Lake presentation February 2020 - Data as at 31 December 2019							
King of the Hills	Red 5						
Measured				Proven			
Indicated	69.8	1.30	3.0	Probable	64.6	1.15	2.4
Inferred	20.9	1.60	1.1				
Total	90.7	1.40	4.07	Total	64.6	1.15	2.4
Source: Red 5 Reserve Release 15 September 2020, Resource update 19 March 2020							
Wiluna	Wiluna Mining Corp						
Measured	2.4	1.20	0.1	Proven	0.6	0.80	0.0
Indicated	58.3	1.60	3.0	Probable	24.1	1.80	1.4
Inferred	39.8	2.53	3.2				
Total	100.5	1.96	6.3	Total	24.7	1.70	1.4
Source: WIluna Resource Release 30 September 2020							

1. *Sources detailed in the table*