



**ASX Code: RED** 

# Investor Presentation 12 May 2020

Mark Williams, Managing Director

### **Competent Person's Statement and Disclaimer**

#### **Competent Person Statement for Exploration Results**

The information in this presentation which relates to Exploration Results is extracted from ASX announcements (available on the ASX web-site at <a href="https://www.asx.com.au">www.asx.com.au</a>); "Red 5 commences significant drilling program to unlock large-scale bulk mining opportunity at King of the Hills" released by the Company on 8 November 2018 and is available on the ASX web-site, "Further outstanding results at King of the Hills" released on 29 October 2019 and is available on the ASX web-site, "Underground drilling results at King of the Hills" released on 2019 and is available on the ASX web-site, "Deeper drilling at King of the Hills" released on 18 December 2019 and is available on the ASX web-site, "King of the Hills continues growth with positive new results" released on 23 January 2020 and is available on the ASX web-site, "Regional Near-Mine Exploration Highlights Potential for Additional Resource Growth at King of the Hills", released on 24 September 2019 and is available on the ASX web-site, "Additional high-priority near-mine regional targets identified at King of the Hills as regional exploration Update", released on 16 April 2018 and is available on the ASX web-site, "New resource drilling programs to commence around Darlot Gold Mine", released on 13 December 2019 and is available on the ASX web-site, "Resource and Reserve growth to support long-term Mining Hub Strategy at Darlot Gold Mine" released on 10 February 2020 and is available on the ASX web-site, "Additional Resources defined for satellite open pit deposits at King of the Hills" released on 6 May 2020 and is available on the ASX web-site. Red 5 confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from those ASX announcements.

#### 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 the Mineral Resources at the Mapawa Project is extracted from the report titled Maiden 289,000cz Gold Resource for Mapawa LSY Deposit, dated 21 October 2015 and is available on the ASX web-site. The information in this presentation that relates to Mineral Resources for 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 the Mineral Resources and Ore Reserves for the Darlot Underground deposit relates to the ASX announcement titled "Resource and Reserve growth to support long-term Mining Hub Strategy at Darlot Gold Mine" dated 10 February 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 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. The information in this presentation relating to the King of the Hills Open Pit Ore Reserve is extracted from the ASX announcement titled "Maiden JORC open pit Ore Reserve for King of the Hills Confirms Exceptional Bulk Mining Opportunity" dated 1 August 2019. Information in this presentation relating to Great Western and Cables and Mission are from ASX announcements: "Option Agreemen

#### **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 u



# Australian gold's standout growth opportunity



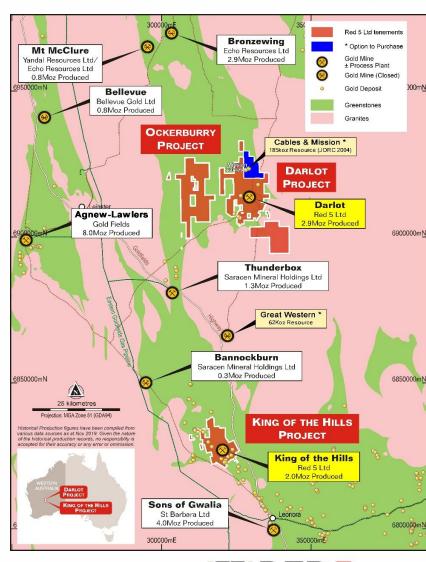
- ✓ Red 5 has two gold mines in one of the World's most attractive gold regions
- ✓ King of the Hills (KOTH) 4.1Moz¹ and growing



- ✓ KOTH PFS 140kozpa (open pit only) with 10-year LOM², with mine plan upside potential identified following 31% upgrade of resource in Mar 2020¹
- Extensive exploration potential at Darlot and KOTH
- ✓ A\$125 million capital raising to be completed on 13 May 2020 to partially fund the KOTH development, Darlot exploration and working capital

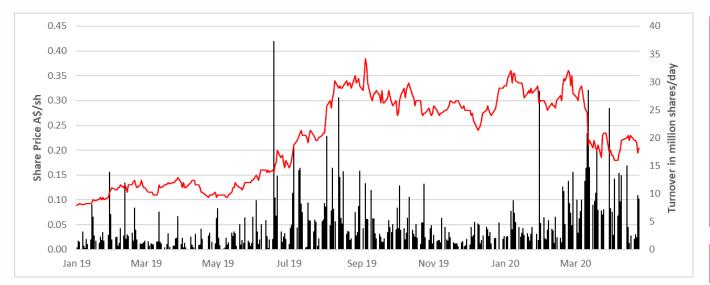


- Experienced Board and Management team with unique project development skillset
  - 1. Red 5 ASX Release: 19 March 2020
  - 2. Red 5 ASX Release: 1 August 2019 for KOTH PFS (Open Pit and Rainbow)





### **Red 5 Limited – corporate profile**



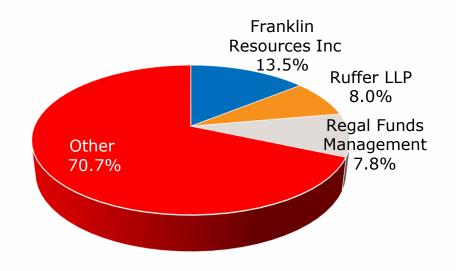
Share price at 8 May 2020 <sup>1</sup>	A\$0.215
Shares outstanding at 6 Apr 2020 <sup>1,2</sup>	1,428.1M
Market capitalisation at 8 May 2020	A\$307.0M
Cash & bullion at 31 Mar 2020 (pre-cap raising) <sup>3</sup>	A\$14.1M
Debt at 31 March 2020 <sup>3</sup>	A\$18.0M
Enterprise value at 8 May 2020	A\$310.9M

- 1. Number of shares as at 6 April 2020, price as at 8 May 2020, source IRESS
- 2. Following receipt of Tranche 2 on 13 May 2020, issued shares will increase to 1951.1M
- 3. Debt and cash as at 31 March 2020, unaudited

#### **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."

#### **Shareholders**





# Strong leadership team with operating expertise

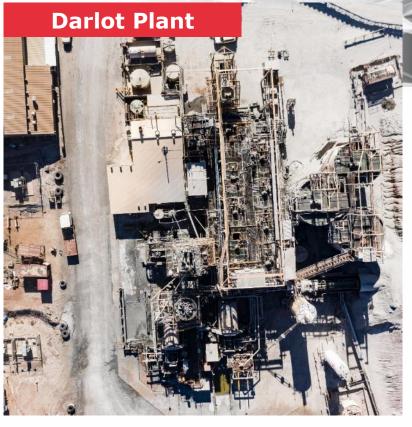
Red 5 has a strong and capable team, with many years of mining and development experience at both Red 5 and in prior multi-billion international development projects – the Company is well placed to deliver the future KOTH development

Board	
<b>Kevin Dundo</b> 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 GM of Siana and Darlot operations. Director since August 2018.

Management tea	m
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.



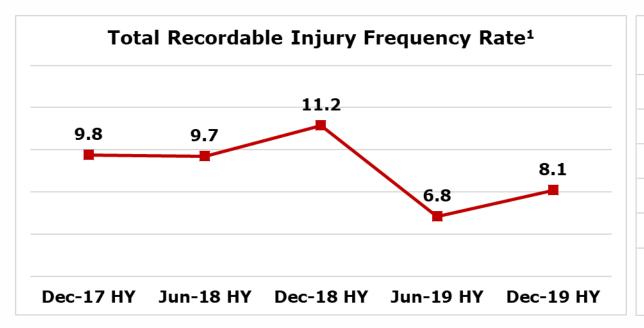


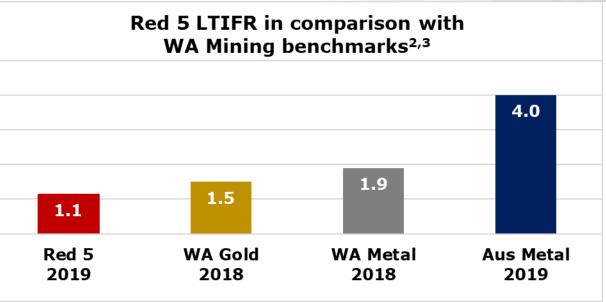


# 2020: two producing mines, one plant



# A company built on a strong safety culture

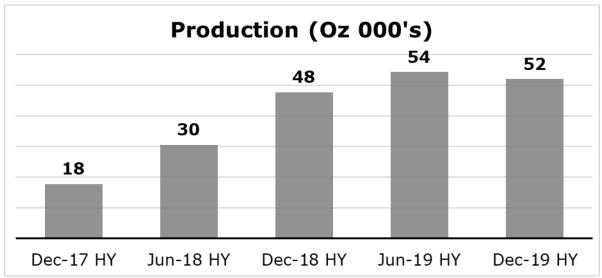


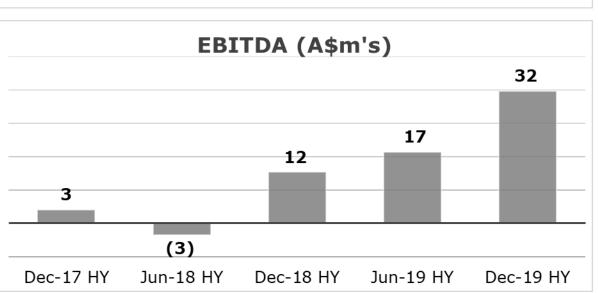


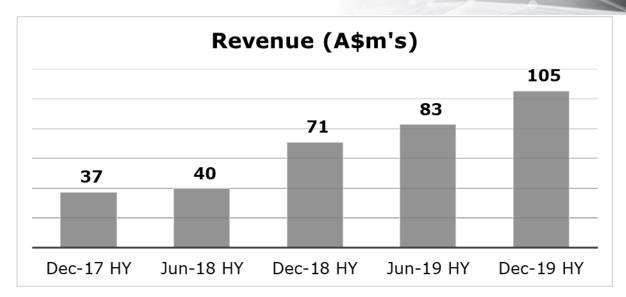
- Safety focused on bottom up approach supporting organisational values
- The Total Recordable Injury Frequency Rate (TRIFR, 12 month moving average) of 8.2 at Apr 2020
- Continual engagement and focus on Safety ownership to intervene on the current TRIFR spike through EHS Leading Indicator Programs and Supervisor training
- Red 5 LTIFR remains below WA industry average
  - 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 <a href="http://www.dmp.wa.gov.au/Safety/Safety-statistics-16198.aspx">http://www.dmp.wa.gov.au/Safety/Safety-statistics-16198.aspx</a>

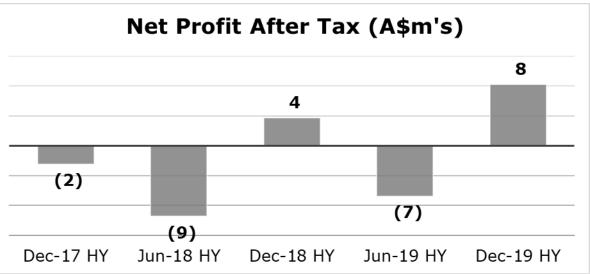


# Darlot operations have funded Australian growth











### **Darlot opportunity to extend LOM**

#### Darlot Gold Mine 1

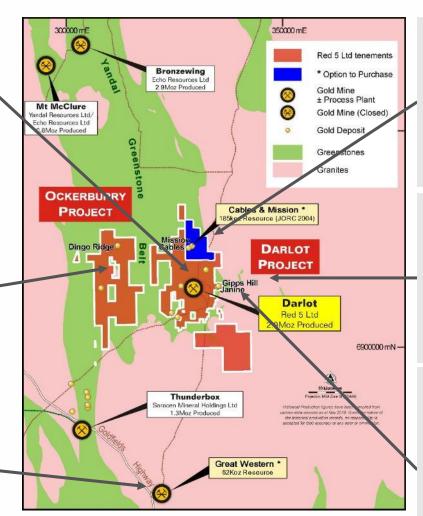
- Resource 10.8Mt @ 3.5g/t Au for 1.2Moz
- Reserve 2.6Mt @ 3.3g/t Au for 275koz (complemented by KOTH trucked ore)
- 31,000m UG and surface drill program

#### Ockerburry Hill (Dingo Ridge) <sup>2</sup>

- 4km-long mineralised zone proximal to the Ockerburry fault corridor
- Mineralisation untested below 150m
- Historical drill results include¹:
  - 5m @ 8.1g/t Au (ADAC0194)
  - 4m @ 9.7g/t Au (MVAC1203)
  - 20m @ 1.5g/t Au (95VMAR018)

#### **Great Western** <sup>3</sup>

- Resource of 709kt @ 2.7g/t Au for 62koz³
- Drilling defined strike length of 450m, depth of 200m, mineralisation open at depth
- Acquired on 2 April 2020



Red 5 ASX Release: 10 February 2020

2. Red 5 ASX Release: 16 April 2018

Red 5 ASX Release: 11 November 2019
 Red 5 ASX Release: 2 December 2019

Red 5 ASX Release: 13 December 2019

#### Cables & Mission 4

- Combined JORC 2004 Resource of 1.5Mt @ 3.1g/t Au for 185koz²
- Historical drilling suggests both deposits remain open along strike and down-dip
- Subject to option agreement due diligence drilling planned

#### Gipps Hill<sup>3</sup>

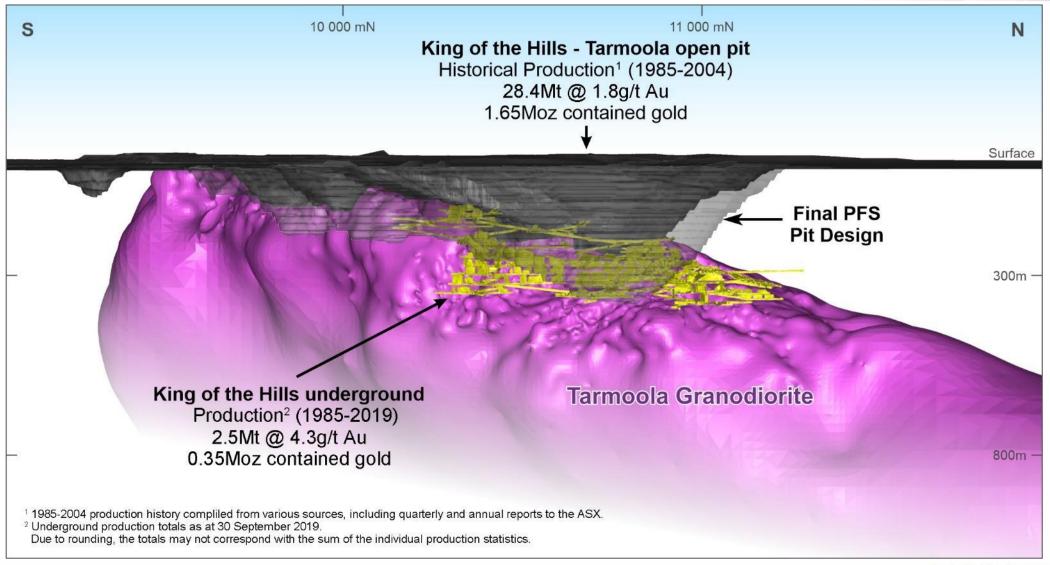
- Mineralised shear-hosted quartz lode (up to 5m wide) intercepted in historical RC drilling with grades up to 12.1g/t Au<sup>3</sup>
- Surface sampling results of up to 13.7g/t Au from historical mullock dumps
- Open in all directions and untested at depth

#### Janine<sup>3</sup>

- Prominent sigmoidal-shaped magnetic high, bound by the Taranaki Fault system
- Numerous intersecting faults with small to major offsets visible in aeromag
- Recent grab sample results up to 21.9g/t Au
- Historical rock chip results of 18.4g/t and 16g/t



### **KOTH** - potential to be Australia's next premier gold mine





### **KOTH 4.1Moz Mineral Resource<sup>1</sup> - increase of 31%**

#### Total Open Pit & Underground KOTH Resource as at March 2020 Cut-off **Tonnes** Gold Contained Gold Mining Classification Method (000oz)(g/t)(000t)(g/t)0.4 - 1.0Indicated OP+UG 69,800 1.3 3,010 0.4 - 1.0Inferred OP+UG 20,900 1.6 1,060 0.4 - 1.090,700 Total OP+UG 1.4 4,070 **KOTH JORC 2012 All material within A\$2,100 Pit Shell** 2,720 0.4 OP 65,800 1.3 Indicated 14,600 650 Inferred 0.4 OP 1.4 3,370 80,400 Total 0.4 OP 1.3

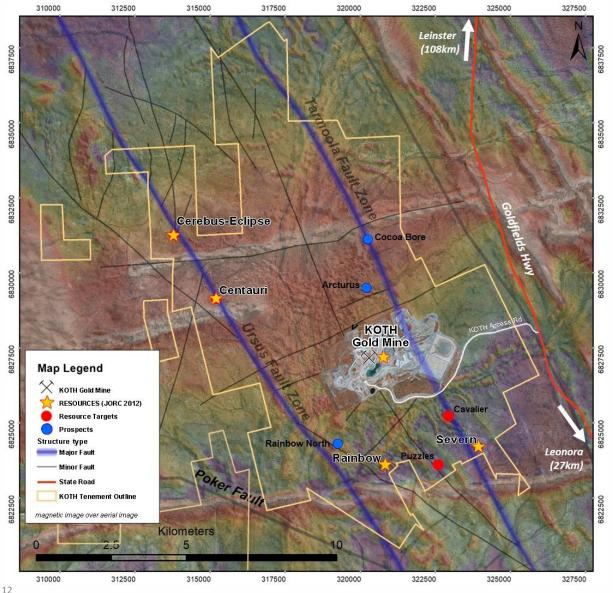
KOTH JORC 2012 All material outside A\$2,100 Pit Shell							
Indicated	1.0	UG	4,000	2.2	290		
Inferred	1.0	UG	6,300	2.0	410		
Total	1.0	UG	10,300	2.1	700		







### **KOTH Satellite Deposits <sup>1</sup> – Resource of 308koz**



- Maiden JORC Mineral Resources announced in May 2020<sup>1</sup>:
  - <u>Cerebus-Eclipse</u>: Indicated and Inferred Resource of 2.8Mt @ 1.2g/t Au for 112,000oz
  - Centauri: Indicated and Inferred Resource of 1.7Mt @ 1.5g/t Au for 81,300oz
- Together with Rainbow and Severn deposits, total KOTH satellite open pit mineral resource base of 308,200oz
- Potential complementary mill feed and cash flow during the early stages of the stand-along KOTH Project



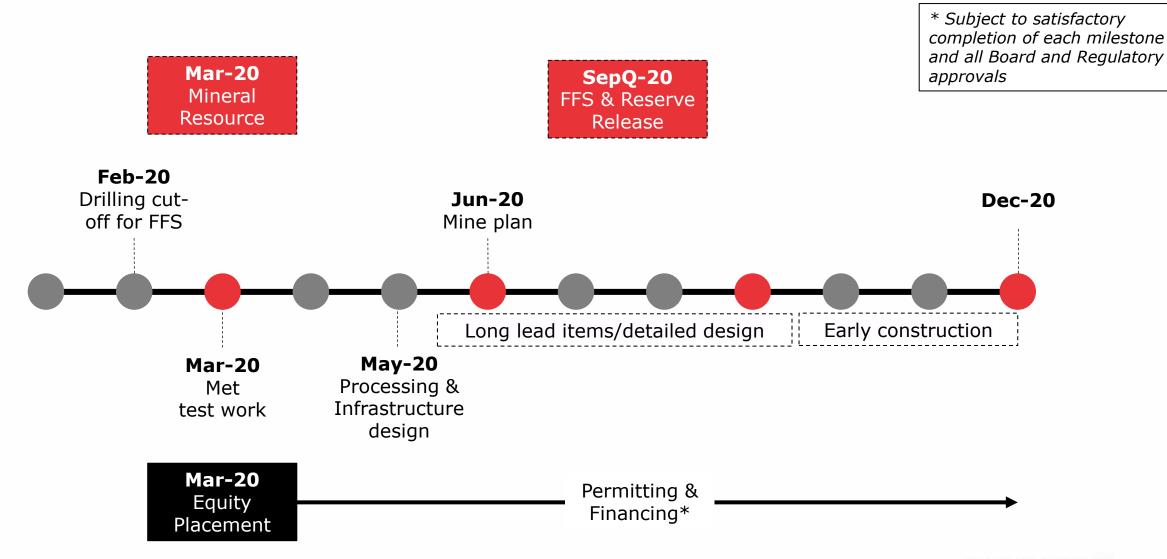
# King of the Hills Project – equity finance secured

- ✓ One of Australia's premier emerging gold projects
- ✓ Resource increase by 31% to 4.1Moz (Mar 2020) 88% of the increase came from geology (not gold price)
- √ 83% of 4.1Moz resource within large open pit
- ✓ Deposit open in all directions
- ✓ Final Feasibility Study on track for September 2020 Quarter
- ✓ Targeting 2022 King of the Hills stand-alone production
- ✓ Planned bulk open pit and underground mine
- √ 4mtpa stand-alone mill, with flexibility to upgrade to 6mtpa
- ✓ PFS 140kozpa with 10-year LOM, with upside potential identified following Mar 2020 31% resource upgrade
- ✓ Estimated Capital Cost ~A\$218m²

Mar-20 Mineral Resource <sup>1</sup>							
4.1Moz							
Aug-19 Pre-Feasibility Study	, <u>2</u>						
Ore Reserve (oz)	1.5Moz						
Ore Milled (tonnes p.a.)	4.0						
• Grade (g/t)	1.24						
• Recovery (%)	92.8						
<ul> <li>Average Annual Production (koz)</li> </ul>	140,000						
Strip Ratio (volume w:o)	6.1						
<ul> <li>Life of Mine (years)</li> </ul>	10						
<ul> <li>All-In-Sustaining Capital (A\$/oz)</li> </ul>	1,167						

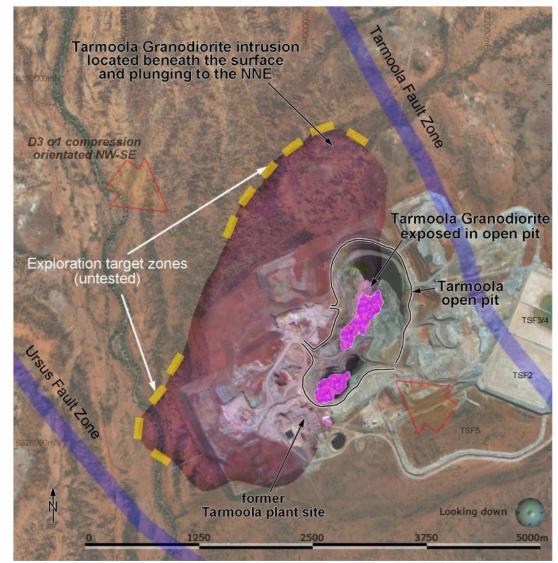
<sup>2.</sup> Red 5 ASX Release: 1 August 2019 for KOTH PFS (Open Pit and Rainbow)

# **KOTH Final Feasibility Study indicative schedule\***



### KOTH - future development to explore along contact

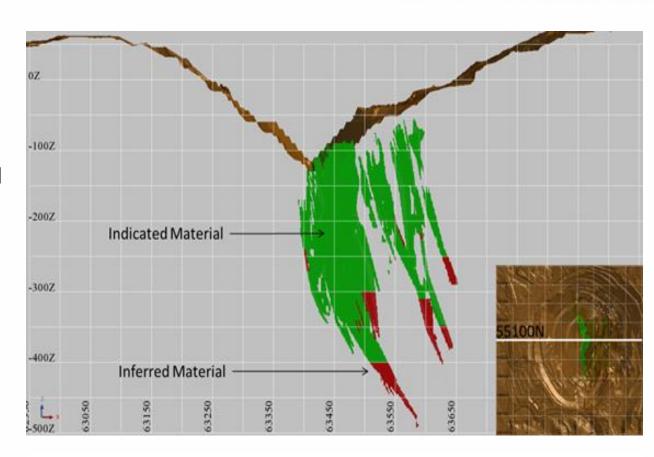
- Exploration aimed at increasing the Resource in total tonnage and potentially grade
- Granodiorite/ultramafic contact zone extends almost 12km around the granodiorite, with the potential to host gold mineralisation outside of the existing mine area
- Focus areas include:
  - NW corner of granodiorite 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 Resource





### 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 asset¹:
  - 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



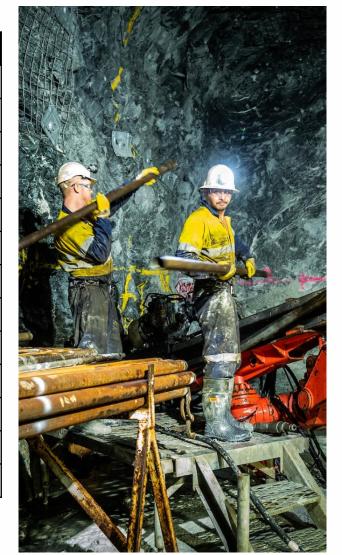
Siana Underground: cross-section at 55100N





# 2019 PFS-level KOTH capital cost<sup>1</sup>

	A\$M
4Mtpa Process plant	92
Infrastructure and tailings storage facilities	34
Construction EPCM and direct and indirect costs	41
Sub-total	166
Owners Costs (project management, operations readiness)	5
Sub-total	171
Contingency	23
Sub-total	194
Pre-Strip	24
Total (Real) capital cost	218



<sup>1.</sup> Red 5 ASX Release: 1 August 2019 for KOTH PFS.

# 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	18.3	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	257.8	1.0	8.6	Tropicana	65.7	1.8	3.7
Granny Smith	46.2	5.3	7.8	Lake Cowal	132.2	0.9	3.6
Tropicana	136.2	1.8	7.7	Gruyere 100%	86.8	1.2	3.4
Gruyere 100%	138.0	1.3	5.8	Granny Smith	12.6	5.5	2.2
Sunrise Dam	84.0	2.2	5.8	Fosterville	3.0	21.8	2.1
Telfer	188.9	0.9	5.4	Gwalia	10.1	6.4	2.1
Carosue Dam	82.0	2.0	5.4	Carosue Dam	24.0	2.3	1.8
Gwalia	23.9	6.3	4.8	St Ives	19.1	2.8	1.7
<u>Jundee</u>	41.9	3.4	4.6	Jundee	13.3	3.8	1.6
King of the Hills <sup>1</sup>	90.7	1.4	4.1	Thunderbox	28.0	1.7	1.5
St Ives	33.2	3.7	3.9	Telfer	55.4	0.8	1.4
Thunderbox	73.0	1.6	3.8	King of the Hills <sup>2</sup>	36.0	1.3	1.4
Fosterville	20.8	5.7	3.8	Sunrise Dam	18.1	2.1	1.2
Mungari	50.9	1.5	2.4	Big Bell	11.8	2.9	1.1
Mt Morgans (region)	32.0	2.0	2.1	Mt Morgans (region)	16.9	1.4	0.8
Agnew/EMU	12.1	5.3	2.0	Agnew/EMU	3.7	4.7	0.6
Big Bell	23.9	2.8	2.1	Mungari	11.6	1.5	0.6
Garden Well	72.5	0.8	1.9	Garden Well	18.4	1.0	0.6

<sup>1.</sup> Red 5 ASX Release: 19 March 2020



<sup>2.</sup> Red 5 ASX Release: 1 August 2019 for KOTH PFS (Open Pit and Rainbow)

### **Appendix – Australian top 20 gold deposits<sup>1</sup>**

Cadia		R	esources				Reserves	
Measured   32.0   0.30   0.3   1.55   Probable   1480.0   0.45   2.16   Inferred   52.0   0.45   0.7   Total   3174.0   0.37   37.5   Total   1480.0   0.47   22.5   Total   3174.0   0.37   37.5   Total   1480.0   0.47   22.5   Total   168.4   0.87   4.7   Probable   50.7   0.38   0.1   Indicated   168.4   0.87   4.7   Probable   50.7   0.38   0.1   Indicated   15.8   1.29   0.7   Total   55.4   0.7   1.4   Source: Newcrest Resource & Reserve release 13 Feb 2020 - Data as at 31 Dec 2019   Soldington   Newmort			g/t	Moz		Mt	g/t	Moz
Indicated   3990.0   0.37   3.5.5   Probable   1488.0   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   Total   150.0   0.47   0.38   0.10   Indicated   15.8   0.37   4.7   Probable   50.7   0.81   13.1   Indicated   15.8   0.37   4.7   Probable   50.7   0.81   13.1   Indicated   15.8   0.37   4.7   Probable   50.7   0.81   13.1   Indicated   18.8   0.05   7.1   Proven   238.7   0.69   5.3   Indicated   340.0   0.55   7.1   Proven   238.7   0.69   5.3   Indicated   6.2   0.45   0.1   Indicated   20.0   0.12   8.1   Provable   143.8   1.06   4.9   Indicated   20.0   0.12   8.1   Probable   143.8   1.06   4.9   Indicated   20.0   0.12   8.1   Probable   143.8   1.06   4.9   Indicated   25.6   2.33   1.9   Indicated   27.6   2.33   2.4   8.   Probable   20.2   5.39   3.5   Indicated   37.7   3.92   4.8   Probable   20.2   5.39   3.5   Indicated   37.7   3.92   4.8   Probable   20.2   5.39   3.5   Indicated   37.8   3.8   3.0   8.8   1.0   Proven   19.8   1.15   0.0   3.0   Indicated   37.8   3.8   3.0   Indicated   38.4   3.0   Indicated   38.4   3.0   Indicated   38								
Inferred								
Total   31740   0.37   37.5   Total   1480.0   0.47   22.5   Telefer   Newcrest					Probable	1480.0	0.45	21.6
Telfer					Tatal	1400.0	0.47	22.5
Measured			0.57	37.3	TOTAL	1460.0	0.47	22.3
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   Solidington   Newmont   1.2   New Measured   340.0   0.65   7.1   Proven   238.7   0.69   5.3   Inferred   6.2   0.45   0.11   Probable   327.6   0.63   6.6   Inferred   6.2   0.45   0.11   Total   566.3   0.65   11.9   Source: Newcrest Resource & Reserve release 13 Feb 2020 - Data as at 31 Dec 2019   Solidington   Source: Newcrest Resource & Reserve release 13 Feb 2020 - Data as at 31 Dec 2019   Solidington   Source: Newcrest Resource & Reserve release 13 Feb 2020 - Data as at 31 Dec 2019   Solidington   Source: Newcrest Resource & Reserve supplement 2018 - Data as at 31 Dec 2019   Solidington   Source: Newmont Resource & Reserve Supplement 2018 - Data as at 31 Dec 2018   Total   T			0.38	0.1	Proven	4.7	0.38	0.1
Interned   15.8   1.29   0.77   Total   55.4   0.77   1.45								
Total   1889   0.90   5.4   Total   55.4   0.77   1.4					riodabie	30.7	0.01	1.3
Source: Newcord Resource & Reserve Fuelsse 13 Feb 2020 - Data as at 31 Dec 2019   Solid Measured   340					Total	55.4	0.77	1.4
Boddington   Newmont						33.4	0.77	2.7
Measured			CICOSC IS I	CO LOLO D	0.00 0.50 51 500 2015			
Indicated   S84   0.59   11.1   Probable   327.6   0.63   6.6   Inferred   6.2   0.45   0.1   13.3   Total   566.3   0.65   11.9   Source: Newcrest Resource & Reserve release 13 Feb 2020 - Data as at 31 Dec 2019   Measured   46.4   1.30   1.9   Proven   34.4   1.4   1.4   Inferred   25.6   2.33   1.9   Indicated   2006   1.26   8.1   Probable   143.8   1.06   4.6   Inferred   25.6   2.33   1.9   Interred   25.6   2.33   1.9   Interred   1.30   1.9   Proven   34.4   1.4   1.4   Interred   25.6   2.33   1.9   Interred   1.30   1.9   Proven   1.10   5.3   Source: Newmont Resource & Reserve Supplement 2018 - Data as at 31 Dec 2018   Indicated   37.7   3.92   4.8   Probable   20.2   5.39   3.5   Indicated   37.7   3.92   4.8   Probable   20.2   5.39   3.5   Indicated   37.7   3.92   4.8   Probable   20.2   5.39   3.5   Inferred   14.6   4.52   2.2   Indicated   34.1   4.4   4.4   Inferred   14.6   4.52   2.2   Indicated   34.3   0.88   1.0   Proven   13.0   5.18   2.2   Indicated   34.3   0.88   1.0   Proven   19.8   1.15   0.0   Inferred   1.79   3.41   2.0   Inferred   1.70   3.41   3.0   Inferred   1.70   3.70   3.0   Inferred   1.70   3.70   3.0   Inferred   1.			0.65	7.1	Proven	238.7	0.69	5.3
Interned	Indicated				Probable			6.6
Source: Newworst Resource & Reserve Federals 15 eb 2020 - Data as at 31 Dec 2019   Soliden Mile (100%)   Northern Star/Sarcer   Soliden Mile (100%)	Inferred	6.2		0.1				
Golden Mile (100%)   Northern Star/Sarace	Total	931.1	0.61	18.3	Total	566.3	0.65	11.9
Measured   46.4   1.30   1.9   Proven   34.4   1.24   1.46   1.61   Indicated   20.6   1.25   8.11   Probable   143.8   1.06   4.9   Inferred   25.6   2.33   1.9     Probable   178.2   1.10   6.3   Source: Newmont Resource & Reserve Supplement 2018 - Data as at 31 Dec 2018   Proven   1.30   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   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   Proven   13.0   5.18   2.2   Source: Newmont Resource & Reserve Supplement 2018 - Data as at 31 Dec 2018   Probable   20.2   5.39   3.5   Source: Newmont Resource & Reserve Supplement 2018 - Data as at 31 Dec 2018   Probable   20.2   5.39   3.5   Probable   20.2   Probable   Probable   Probable   20.2   Probable   Probabl	Source: Newcrest Resour	ce & Reserve	release 13 F	eb 2020 - D	ata as at 31 Dec 2019			
Indicated   20.06   1.26	Golden Mile (100%)	Northern Sta	r/Saracen					
Inferred   25.6   2.33   1.9   1.0   1.70tal   1.782   1.10   6.3	Measured		1.30	1.9	Proven	34.4	1.24	1.4
Total	Indicated				Probable	143.8	1.06	4.9
Source: Newmont Resource & Reserve Supplement 2018 - Data as at 31 Dec 2018								
Tanami						178.2	1.10	6.3
Measured   13.2   5.16   2.2   Proven   13.0   5.18   2.2   2.5   1.0			Supplemen	t 2018 - Dat	a as at 31 Dec 2018			
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 Eupplement 2018 - Data as at 31 Dec 2018     Tropicana   AngloGold/Independence Group								
Inferred   14.6   4.52   2.2								
Total   65.5   4.32   9.1   Total   33.2   5.32   5.7					Probable	20.2	5.39	3.5
Source: Newmont Resource & Reserve Supplement 2018 - Data as at 31 Dec 2018								
Tropicana						33.2	5.32	5.7
Measured   34.3   0.88   1.0   Proven   19.8   1.15   0.07   Indicated   84.0   1.76   4.8   Probable   45.9   2.04   3.0   Inferred   17.9   3.41   2.0     65.7   1.77   3.7   Source independence Group Resource and Reserve Statement 20 February 2019 - Data as at 31 Dec 2018   Grany Smith   Goldfields					a as at 31 Dec 2018			
Indicated   84.0   1.76   4.8   Probable   45.9   2.04   3.0   Inferred   17.9   3.41   2.0   7   Total   65.7   1.77   3.7   Source Independence Group Resource and Reserve Statement 20 February 2019 - Data as at 31 Dec 2018   Source Independence Group Resource and Reserve Statement 20 February 2019 - Data as at 31 Dec 2018   Source Independence Group Resource and Reserve Statement 20 February 2019 - Data as at 31 Dec 2018   Source Indicated   4.1   5.78   0.8   Proven   1.1   4.93   0.2   Indicated   1.15   5.60   2.1   Inferred   14.0   4.20   46.2   5.27   7.8   Total   11.6   5.54   2.2   Source: Goldfields 2018 Resource & Reserve Supplement - Data as at 31 Dec 2018   Source: Goldfields 2018 Resource & Reserve Statement Data As at 31 Dec 2018   Source: Goldfields Colfields   11.2   13.3   5.1   Probable   72.4   1.26   2.9   Inferred   14.6   1.99   0.2   Proven   14.4   1.05   0.5   Indicated   118.2   1.33   5.1   Probable   72.4   1.26   2.9   Inferred   1.50   0.5   Proven   1.44   1.05   0.5   Indicated   118.2   1.33   5.1   Probable   7.24   1.26   2.9   Inferred   1.50   0.5   Proven   1.44   1.05   0.5   1.05   Inferred   1.50   0.5   Proven   1.51   1.67   0.3   1.50   Inferred   1.50   0.5   Proven   1.50   0.5   Inferred   1.50   0.5   Prove					D	10.0	4.45	0.7
Inferred   17.9   3.41   2.0								
Total   136.2   1.76   7.7   Total   65.7   1.77   3.7   3					Probable	45.9	2.04	5.0
Source   According   Accordi					Total	65.7	1 77	2.7
Granny Smith   Goldfields								3.7
Measured			and neserv	Statement	20 rebruary 2015 - Data a	3 80 31 Dec 201	10	
Indicated   28.2   5.73   5.2   Probable   11.5   5.60   2.1   Inferred   14.0   4.20   46.2   7.7   7.8   Total   12.6   5.54   2.2   Source: Goldfields 2018 Resource & Reserve Supplement - Data as at 31 Dec 2018   Inferred   14.6   1.09   0.5   Proven   14.4   1.05   0.5   Inferred   18.2   1.33   5.1   Probable   72.4   1.26   2.9   Inferred   5.2   1.39   0.2			5.78	0.8	Proven	1.1	4.93	0.2
Total   46.2   5.27   7.8   Total   12.6   5.54   2.2								
Source: Goldfields 2018 Resource & Reserve Supplement - Data as at 31 Dec 2018	Inferred	14.0	4.20	46.2				
Gruyere 100%   Goldfields/Gold Road   Neasured   14.6   1.09   0.5   Proven   14.4   1.05   0.5   Indicated   118.2   1.33   5.1   Probable   72.4   1.26   2.9   Inferred   5.2   1.39   0.2     Total   138.0   1.31   5.8   Total   86.8   1.22   3.4   Source: Gold Road Resource & Reserve Statement Data As at 31 Dec 2019   St Ives   Goldfields   Source: Goldfields	Total	46.2	5.27	7.8	Total	12.6	5.54	2.2
Gruyere 100%   Goldfields/Gold Road   Neasured   14.6   1.09   0.5   Proven   14.4   1.05   0.5   Indicated   118.2   1.33   5.1   Probable   72.4   1.26   2.9   Inferred   5.2   1.39   0.2     Total   138.0   1.31   5.8   Total   86.8   1.22   3.4   Source: Gold Road Resource & Reserve Statement Data As at 31 Dec 2019   St Ives   Goldfields   Source: Goldfields	Source: Goldfields 2018	Resource & Re	serve Supp	lement - Dat	a as at 31 Dec 2018			
Indicated   118.2   1.33   5.1   Probable   72.4   1.26   2.9   Inferred   5.2   1.39   0.2								
Inferred	Measured	14.6	1.09	0.5	Proven	14.4	1.05	0.5
Total   138.0   1.31   5.8   Total   86.8   1.22   3.4					Probable	72.4	1.26	2.9
Source: Gold Road Resource & Reserve Statement Data As at 31 Dec 2019	Inferred		1.39					
St Nes						86.8	1.22	3.4
Measured   S.6   2.25   0.4   Proven   S.1   1.67   0.3   Indicated   19.8   4.13   2.6   Probable   14.0   3.26   15   Inferred   7.8   3.58   0.9			Statement	Data As at 3	31 Dec 2019			
Indicated   19.8   4.12   2.6   Probable   14.0   3.26   1.5     Inferred   7.8   3.58   0.9       Total   3.2   3.68   3.9   Total   19.1   2.84   1.7     Source: Goldfields 2018 Resource & Reserve Supplement - Data as at 31 Dec 2018     Measured   0.0   4.18   0.0   Proven   0.2   3.68   0.0     Inferred   5.5   4.81   0.9   Probable   3.5   4.38   0.5     Inferred   5.5   4.81   0.9   Probable   3.7   4.72   0.6     Source: Goldfields 2018 Resource & Reserve Supplement - Data as at 31 Dec 2018     Lake Cowal   Volution   Weasured   42.8   0.63   0.9     Inferred   4.2   0.63   0.9   Proven   42.8   0.63   0.9     Inferred   44.0   1.74   2.5     Total   257.8   1.04   8.6   Total   132.2   0.85   3.6     Mungari   Evolution   Weasured   1.1   3.22   0.1     Measured   4.0   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   11.6   1.52   0.6     Total   50.9   1.47   2.4   Total   11.6   1.52   0.6								
Inferred   7.8   3.58   0.9								
Total   33.2   3.68   3.9   Total   19.1   2.84   1.7					Probable	14.0	3.26	1.5
Source: Goldfields 2018 Resource & Reserve Supplement - Data as at 31 Dec 2018			0.00					
Agnew/EMU         Goldfields         Long to the proven         Control to the proven						19.1	2.84	1./
Measured         0.0         4.18         0.0         Proven         0.2         3.68         0.0           Inferred         6.6         5.49         1.2         Probable         3.5         4.38         0.5           Total         5.5         4.81         0.9         Total         3.7         4.72         0.6           Source: Goldfields 2018 Resource & Reserve Supplement - Data as at at 10 be 2018         1.2         0.6         0.63         0.9         Proven         42.8         0.63         0.9         Indicated         170.9         0.96         5.3         Probable         89.4         0.66         0.63         0.9         Indicated         42.8         0.63         0.9         Proven         42.8         0.63         0.9         Indicated         89.4         0.96         2.8         Indicated         1.0         2.8         1.0         8.6         Total         132.2         0.85         3.6           Mungari         Evolution         8.6         Total         132.2         0.85         3.6         3.6           Measured         1.1         3.22         0.1         Proven         1.0         2.47         0.1           Indicated         40.2         1.31			serve supp	iement - Dat	a as at 31 Dec 2018			
Indicated   6.6   5.49   1.2   Probable   3.5   4.38   0.5			4 10	0.0	Drovon	0.3	2 60	0.0
Inferred								
Total   12.1   5.27   2.0   Total   3.7   4.72   0.6		0.0			riodabie	3.3	4.50	0.5
Source: Goldfields 2018 Resource & Reserve Supplement - Data as at 31 Dec 2018 Lake Cowal Evolution Measured 42.8 0.63 0.9 Proven 42.8 0.63 0.9 Indicated 170.9 0.96 5.3 Probable 89.4 0.96 2.8 Indicated 257.8 1.04 8.6 Total 132.2 0.85 3.6 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 Inferred 9.7 1.93 0.6 Total 50.9 1.47 2.44 Total 11.6 1.52 0.6					Total	3.7	4 72	0.6
Lake Cowal         Evolution         Beauty         Proven         42.8         0.63         0.9 proven         42.8         0.63         0.9 proven         42.8         0.63         0.9 proven         42.8         0.63         0.9 proven         2.8         0.63         0.9 proven         2.8         0.63         0.9 proven         2.8         0.61         132.2         0.85         3.6         0.9 proven         1.0 prove	Source: Goldfields 2018				a as at 31 Dec 2018			
Indicated         170,9         0.96         5.3         Probable         89,4         0.96         2.8           Inferred         44.0         1.74         2.5         1         -								
Indicated   170,9   0,96   5,3   Probable   89,4   0,96   2.8   Inferred   44,0   1,74   2.5   Total   257.8   1,04   8.6   Total   132.2   0.85   3.6   Mungari   Evolution   Reasured   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	Measured	42.8	0.63	0.9	Proven	42.8	0.63	0.9
Inferred         44.0         1.74         2.5         Secondary	Indicated			5.3	Probable	89.4		2.8
Mungari         Evolution         Beasured         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		44.0	1.74	2.5				
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	257.8	1.04	8.6	Total	132.2	0.85	3.6
Indicated         40.2         1.31         1.7         Probable         10.6         1.43         0.5           Inferred         9.7         1.93         0.6         1.6         1.52         0.6         1.6								
Inferred         9.7         1.93         0.6         Inferred         Inferred         1.92         0.6         Inferred	Measured					1.0		0.1
Total 50.9 1.47 2.4 Total 11.6 1.52 0.6					Probable	10.6	1.43	0.5
Source: Evolution Resource & Reserve release 17 Apr 2019 - Data as at 31 Dec 2018						11.6	1.52	0.6
	Source: Evolution Resour	ce & Reserve	release 17 A	Apr 2019 - D	ata as at 31 Dec 2018			

Resources					Reserves			
	Mt	g/t	Moz		Mt	g/t	Moz	
Sunrise Dam	AngloGold							
Measured	35.1	1.88	2.1	Proven	12.6	1.38	0.0	
Indicated	31.7	2.39	2.4	Probable	5.5	3.60	0.0	
Inferred	17.2	2.31	1.3					
Total	84.0	2.16	5.8	Total	18.1	2.06	1	
Source: Anglogold Resou	rce & Reserve	Supplemer	nt 2017 - Da	ta as at 31 Dec 2017				
Garden Well	Regis							
Measured	6.6	0.72	0.2	Proven	5.5	0.73	0.	
Indicated	52.6	0.88	1.5	Probable	12.9	1.05	0.4	
Inferred	13.2	0.72	0.3					
Total	72.5	0.83	1.9	Total	18.4	0.95	0.	
Source: Regis Resource 8	& Reserve State	ment 19 Ju	ulv 2019 - D	ata as at 31 Mar 2019				
Carosue Dam Region	Saracen		,					
Measured	8.3	2.50	0.7	Proven	1.2	1.20	0.	
Indicated	49.0	2.00	3.2	Probable	22.0	2.50	1.	
Inferred	25.0	1.90	1.5	TTODADIC	22.0	2.30	1.	
Total	82.0	2.00	5.4	Total	24.0	2.30	1.	
		2.00	3.4	Total	24.0	2.30	1.	
Thunderbox	Saracen							
Measured	11.0	1.40	0.6	Proven	4.8	1.40	0.	
Indicated	49.0	1.70	2.7	Probable	23.0	1.80	1.	
Inferred	13.0	1.30	0.6					
Total	73.0	1.60	3.8	Total	28.0	1.70	1.	
Source: Saracen Resourc	e and Reserve I	Release 1 A	August 2019	- Data as at 30 Jun 2019				
Gwalia	St Barbara							
Measured	5.0	7.30	1.2	Proven	2.2	8.00	0.	
Indicated	17.5	6.00	3.4	Probable	7.9	5.90	1.	
Inferred	1.1	5.50	0.2					
Total	23.9	6.30	4.8	Total	10.1	6.40	2.	
				2019 -Data as at 30 June 20				
Jundee	ve a nesource	Jedecinciie	LIMOBUSE	Data as at 50 June 20	15			
Measured	0.9	1.30	0.0	Proven	0.9	1.30	0.	
Indicated	29.6	3.60	3.4	Probable	12.4	4.00	1.	
Inferred	11.3	3.10	1.1	FIODAble	12.4	4.00	1.	
Total	41.9	3.38	4.6	Total	13.3	3.80	1.	
	esource and Re	serve Relea	ise 1 August	2019 - Data as at 30 June 2	2019			
Kanowna								
Measured	2.8	3.50	0.3	Proven	1.8	3.30	0.	
Indicated	8.4	3.50	0.9	Probable	4.6	3.20	0.	
Inferred	6.5	3.30	0.7					
Total	17.8	3.40	1.9	Total	6.4	3.20	0.	
Source: Northern Star Re	esource and Re	serve Relea	se 1 August	2019 - Data as at 30 June 2	2019			
Mt Morgans (region)	Dacian							
Measured	6.3	1.20	0.2	Proven	6.0	0.90	0.	
Indicated	20.4	1.90	1.3	Probable	10.9	1.70	16.	
Inferred	5.2	3.40	0.6	Trobubic	10.5	2.70	10.	
Total	32.0	2.00	2.1	Total	16.9	1.40	0.	
				- Data as at 31 December 20		1.40	0.	
Big Bell	Westgold	ease 27 Fe	biuary 2020	- Data as at 31 December 20	715			
	-			-				
Measured	0.1	3.35	0.0	Proven				
Indicated	16.3	2.79	1.5	Probable	11.8	2.89	1.	
Inferred	7.5	0.03	0.6					
Total	23.9	2.75	2.1	Total	11.8	2.89	1.	
Source: Westgold Resou	rce & Reserve F	Release 4 C	Oct 2019 - D	ata as at 30 Jun 2019				
Fosterville	Kirkland Lake							
Measured				Proven				
Indicated	12.3	5.30	2.1	Probable	3.0	21.80	2.	
Inferred	8.5	6.40	1.7					
Total	20.8	5.73	3.8	Total	3.0	21.80	2.	
Source: Kirkland Lake pr					2.5			
King of the Hills	Red 5	, 2020	5 G.Ca 43 Al		-			
King of the Hills Measured	neu o			Drawan				
	60.0	4.00	2.0	Proven	20.0	4.35		
Indicated	69.8	1.30	3.0	Probable	36.0	1.25	1.	
	20.9	1.60	1.1					
Inferred Total	90.7	1.40	4.1	Total	36.0	1.25	1.	





# Thank-you

