

# Strong Project Portfolio World-Class Gold Address



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Exploration Results: The information in this presentation concerning exploration results on GBR's projects is contained in the Prospectus dated 12 September 2016 (released as announcement on the ASX on 16 November 2016) and GBR's announcement to ASX dated 18 November 2016 entitled "Impressive Surface Gold and Geochemistry from Jundee South Project". GBR confirms that in not aware of any new information concerning exploration results that materially affects the information included in the Prospectus and announcement dated 18 November 2016.

# **Company Strategy**

## Location, Talent, Momentum

or personal use only

The Company's exploration strategy is to focus on wellendowed gold districts, close to existing major gold mines and discoveries, such as the:

- Kalgoorlie Super Pit;
- Jundee Gold Mine near Wiluna;
- King of the Hills and the Gwalia Gold Mine's near Leonora;
- Thunderbox Gold Mine near Leinster; and
- Gruyere gold deposit near Laverton.
- We have assembled a specialist team in the identification and discovery of gold systems with particular experience and success in the Eastern Goldfields



- Tarmoola and Jundee South offer high quality, large scale exploration targets in mature and active gold mining camps
- Broadwood and Yamarna are early stage prospects in regions that are receiving significant exploration and development activity from gold mining majors



**Strong Project Portfolio** 





**Competitive Advantage** 

# **Project Overview**

#### Potential to host large-scale gold deposits

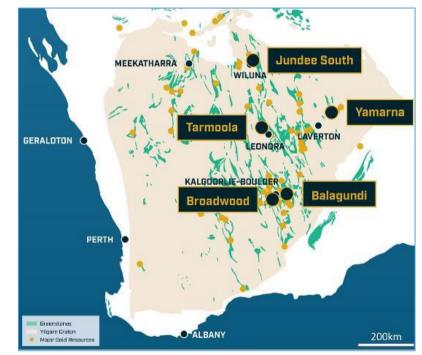
Balagundi – located 20km east of the Kalgoorlie Super Pit, Balagundi has significant historical workings and high grade drill intersections close to existing processing facilities

Jundee South – 10km along strike from the Jundee Gold Mine, the Jundee mine sequence traverses through the project

Tarmoola – a large-scale regional geochemical anomaly which incorporates the operating King of the Hills and Sons of Gwalia gold deposits

Broadwood – located between the Binduli mining centre and Kalgoorlie Super Pit and interpreted to host extensions to these ore controlling structures

Yamarna – Immediately west of the Gold Fields – Gold Road Gruyere Joint Venture. Potential for Au and Ni-Cu



Project location map

# **Corporate Overview**

Board of Directors	
Greg Hall	Non Exec Chairman
Stefan Murphy	Managing Director
Murray Black	Non Exec Director
Melanie Leighton	Non Exec Director
Key Advisors	
John Beeson	Chief Structural Geologist
Scott Halley	Chief Geochemist
Christian Easterday	Corporate and Strategic
<u>Ó</u>	

Capital Structure							
IPO Issue Price	\$0.20/share						
Amount raised under the IPO <sup>1</sup>	\$6,144,100						
Shares issued under the IPO	30,720,500						
Total Shares on issue		68,3	94,000				
Escrow shares (12 and 24 mont	hs)	31,3	312,775				
Tradeable shares		37,0	081,225				
Total Options on issue		38,0	86,750				
Performance Shares on issue		2,000,000					
Market capitalisation <sup>2</sup>		\$13.6m					
Estimated cash balance (18/11/16)		\$6.0m					
Enterprise Value		\$7.6m					
Shareholders							
Exploration Capital Partners	3,571,429 5.2						
Directors	6	6,664,286	9.7%				
Key Advisors	5	5,350,000 7.8%					
1. Before costs							

2. Based on the IPO Issue Price

## **Team Overview**

#### **Board of Directors**

#### Greg Hall - Non Exec Chairman

Greg is a geologist with over 45 years' experience in the mining and exploration industry. Mr Hall was Chief Geologist for Placer Dome from 2000 to 2006 and managed Placer Dome's exploration activity in China from 1993 to 2001. Prior to Placer dome, Mr Hall managed exploration for CSR Limited contributed to the discovery of the Granny Smith gold mine in Western Australia, including Wallaby, Sunrise Dam and Keringal. Mr Hall has significant experience as a director for a number of publicly listed resources companies

#### Stefan Murphy - Managing Director

Stefan has 17 years' experience in the mining industry, both in industry as a geologist and more recently in financial advisory and equity capital markets. Stefan initially worked within BHP Billiton's iron ore and bauxite divisions before moving into gold and precious metals at Gold Fields Limited mining operations in Western Australia. For the past 7 years Stefan has worked in corporate advisory with PwC and most recently with RFC Ambrian in Australia and the UK, providing corporate and financial advice

#### Murray Black - Non Exec Director

Murray has over 39 years' experience in the mineral exploration and mining industry and has served as a director of several publicly listed Australian companies. Mr Black part-owns and manages a substantial Australian drilling company, Blue Spec Drilling, has interests in several commercial developments and has significant experience in capital financing

#### Melanie Leighton - Non Exec Director

Melanie is a geologist with over 17 years' experience within the mineral exploration industry. She is currently the Corporate Projects Manager and alternate director of ASX-listed company, Hot Chili Limited. Melanie has held senior geological roles with, Harmony Gold, Hill 50 Gold, Northwest Resources and Terra Gold gaining practical and management experience within the areas of exploration, mining and resource development

#### Key Advisors and Founding Shareholders

#### John Beeson - Chief Structural Geologist

Dr Beeson has over 25 years' worldwide experience in multiplecommodity mineral exploration for companies including Placer Dome, Gold Fields Limited and Pancontinental Mining. For the past 10 years, Dr Beeson has acted as a geological consultant focusing on gold, copper and nickel exploration. Dr Beeson specialises in structural geology with a PhD and post-doctoral experience from the University of Western Australia. Dr Beeson's recent work has seen his involvement in the exploration and assessment of large multi-commodity projects for some of the world's major mining companies

#### Scott Halley - Chief Geochemist

Dr Halley has more than 25 years' experience as an exploration geologist and has developed industry leading expertise in exploration techniques based on mapping alteration zonation patterns using spectral mineral mapping and lithogeochemistry. Dr Halley has contributed to significant gold discoveries at Henty in Tasmania and at Raleigh in the Kalgoorlie region of Western Australia. Dr Halley has concentrated on consulting to some of the world's largest mining and exploration companies and his considerable gold-focused consulting has taken his work to many of the world's premier gold provinces globally

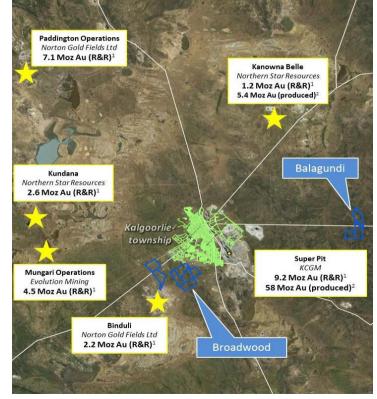
#### Christian Easterday - Advisor - Corporate and Strategic

Christian is a geologist with over 19 years' experience in the mineral exploration and mining industry. He has held several senior positions and exploration management roles with gold companies including Placer Dome, Hill 50 Gold NL and Harmony Gold, specialising in structural geology, resource development and mineral economic valuation. Mr Easterday has extensive experience in project negotiations and valuations and has held the position of Managing Director of ASX-listed Hot Chili Limited since 2008, leading it through the discovery and development of the large-scale Productora copper project in Chile

# **Balagundi Project**

#### Potential for a large gold system to be discovered

- Located just east of the Kalgoorlie Super Pit – privately held for over 20 years
- Significant strike extensive historical workings highlight potential for a large gold system
- Project only partially tested by drilling significant discovery potential remains
- Mineralised vein systems extend over strike lengths of several hundred metres
- Four arsenic-gold trends are evident in soil geochemistry which highlight the main mineralised trends
- GBR has executed a JV agreement to earn a 75% interest through exploration expenditure of \$1,000,000 over 5 years
- 1. Refer to Proximal Mineral Deposits table on pages 21 and 22
- 2. Refer to Proximal Mineral Deposits table on pages 21 and 22

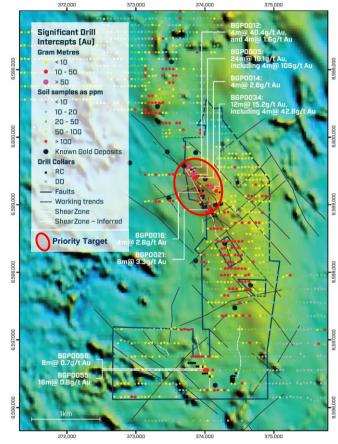


Balagundi, Broadwood projects and Kalgoorlie operations

# **Balagundi Project**

## Limited gold exploration conducted

- Large-scale structural duplex intruded by gabbroic sills (significant hosts for gold mineralisation)
- Intersecting E-W faults and NNW-trending structures localise mineralisation
- Several historic gold mines located on and around the project, including high-grade Mount Bellew underground mine
- Significant strike extensive workings evident, with historical gold production sourced from multiple high-grade, gold-bearing quartz lodes (average grade of +1oz Au)
- Significant drilling intersections include<sup>1</sup>:
  - 24m grading 19.1g/t gold from surface
  - 4m grading 40.4g/t gold from 99m downhole
  - 12m grading 15.2g/t gold from 36m downhole
- 3,500m RC programme scheduled to commence in mid-November 2016 (Priority Target area)



Balagundi soil geochemistry and drill intersections

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1. See Prospectus – section 7

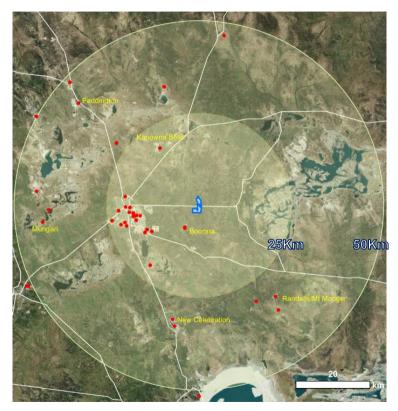
# **Balagundi Project**

#### Local Infrastructure advantage

use only or personal Balagundi is located in the heart of the Kalgoorlie mining district, only 20km from the Super Pit and many operating processing facilities:

Location	Operator	Plant
Kanowna Belle	Northern Star	1.8Mtpa CIL and roaster
New Celebration	Metals X	1.2Mtpa CIL, currently toll treating
Randalls	Silver Lake	1.2Mtpa facility
Paddington	Norton Goldfields	3.3Mtpa CIP, CY14 produced 3.7Mt
Mungari	Evolution	1.5Mtpa CIL
Boorara	McPhersons Reward	Toll treated through Greenfield's mill

Balagundi is also well serviced by road, power and water infrastructure, potentially reducing start up capital and accelerating development timeframes

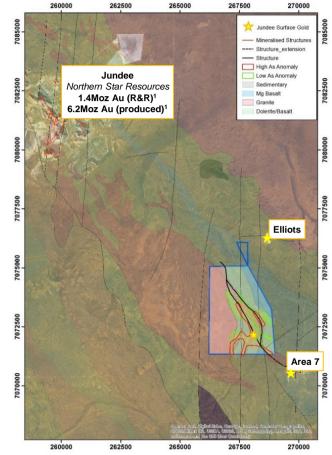


Proximal processing facilities to the Balagundi project

# **Jundee South Project**

### Compelling target of significant scale

- only 0 S N personal
  - Located 10km along strike from the Jundee gold mine and within 2km of the Elliott and Area 7 open pits
  - Jundee gold mine host stratigraphy extends through the Jundee South project
  - Recent discovery of a large accumulation of gold nuggets (16.6oz) along a 200m trend in a previously untested area
  - Recently completed geochemistry programme highlights a strong arsenic and pathfinder trend, with the surface gold located near the highest arsenic values
  - Geochemistry drilling indicates 3km of strike potential within the interpreted Jundee mine sequence
  - GBR owns a 100% interest in the Jundee South project
  - 1. Refer to Proximal Mineral Deposits table on pages 21 and 22



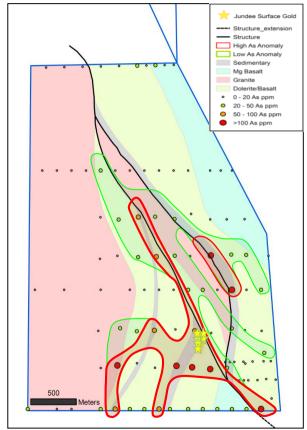
Jundee South project in relation to Jundee deposits

# **Jundee South Project**

#### Priority targets identified

Analysis of recently completed geochemical drilling indicates the Jundee greenstone mine sequence ("Jundee mine sequence") is more extensive than previously thought, occurring over a width of 1-2km and extending the full length of the Jundee South project

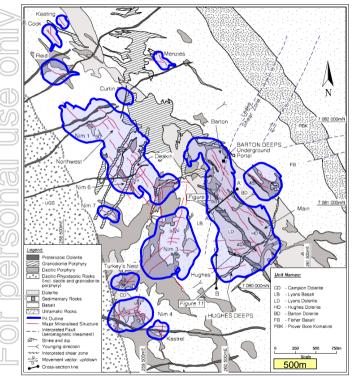
- The surface gold is interpreted to coincide with the intersection of a dominant northwest structural trend and a secondary northeast trending shear zone within the Jundee mine sequence
- The structural trends are coincident with discrete arsenic-gold anomalies and pathfinder elements consistent with gold-bearing structures at the Jundee gold mine
- Geochemical analysis has also identified an interpreted parallel northwest trending zone along the contact of a granitoid intrusion and the Jundee mine sequence to the east of the main structural trend



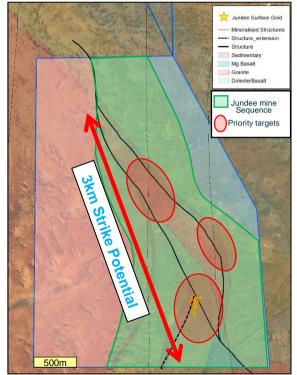
Arsenic anomaly (red=high, green=moderate) over reinterpreted geology map and location of gold nuggets

# **Jundee South Project**

Scale Comparison - sufficient to host a large scale gold discovery



Geological map of the Jundee Gold Mine showing individual pits, major mineralized structures and Jundee mine sequence<sup>1</sup>



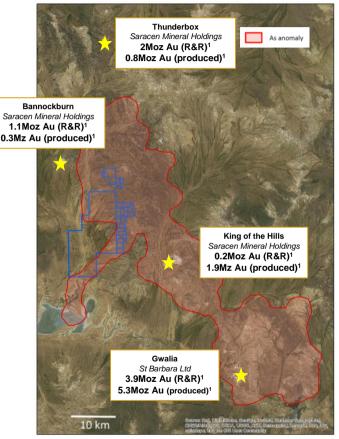
Geological map of the Jundee South project showing interpreted structures and Jundee mine sequence (same scale as opposite figure)

1. Archaean lode-gold mineralization at Jundee-Nimary, north Yandal greenstone belt, Yilgarn Craton, Western Australia (Kohler et al. 2001)

# **Tarmoola Project**

## Conceptual large-scale gold project

- Located 40 kilometres NW of Leonora, just west of Saracen's King of the Hills gold mine
- Lies within the same geological setting as King of the Hills and Gwalia, containing the northern extension to a regional granite-greenstone terrain contact
- Conceptual large-scale gold project highlighted by a large regional geochemical anomaly which also incorporates King of the Hills and the Gwalia gold deposits
- Significant land position assembled stratigraphy known to be associated with neighbouring gold mineralisation
- GBR has executed a JV agreement to earn a 75% interest through exploration expenditure of \$1,400,000 over five years
- 1. Refer to Proximal Mineral Deposits table on pages 21 and 22



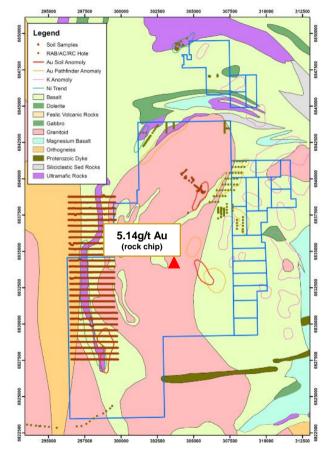
Tarmoola regional deposits with arsenic soil anomaly

# **Tarmoola Project**

## Historically overlooked

or personal use Project comprises greenstone sequences, a km-scale internal granitoid and a number of discrete dioritic to tonalitic stocks known to be associated with gold mineralisation (e.g. King of the Hills)

- Historically overlooked early regional geological interpretation assumed the project to be predominated by granite
- Recent field reconnaissance and desktop work shows the project to contain a large component of greenstone, with the granite-greenstone contact now interpreted to lie within the project
- Significant gold and pathfinder results returned in reconnaissance rock chip sampling (up to 5.14g/t Au)<sup>1</sup>
- An initial 1,000 hole auger programme has commence to assess the bedrock geochemistry and hydrothermal gold system
- 1. Refer to Prospectus section 7

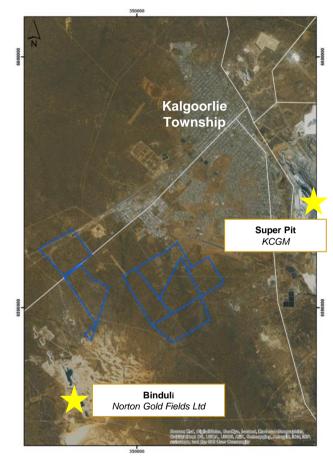


Tarmoola geology, showing soil anomalies and recent rock chip sample

## **Broadwood Project**

#### Untested by modern exploration

- or personal
- Located between the historical Binduli mining centre (+1.9Moz) and the Golden Mile/Kalgoorlie Super Pit (+58Moz)<sup>1</sup>
- Several major NE trending fault sets cut across the project which are locally important ore controlling structures at both the Golden Mile and Binduli
- The area has undergone surprisingly little effective modern exploration
- GBR has executed a JV agreement to earn a 75% interest through exploration expenditure of \$500,000 over 5 years



**Broadwood location map** 

# **Broadwood Project**

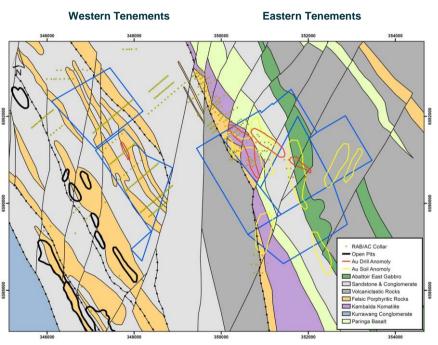
Structurally fertile location

#### Western Tenements

- Porphyritic intrusive rocks present critical element for Binduli gold system
- NNE cross-cutting faults are critical mineralisation elements along the Binduli-Kundana-Kurrawang trend
- Shallow transported cover hindered historical exploration efforts

#### **Eastern Tenements**

- Major NNE trending cross-cutting
  faults links to the Golden Mile
- Several moderately elevated gold anomalies defined in soil sampling and RAB drilling – yet to be effectively followed up

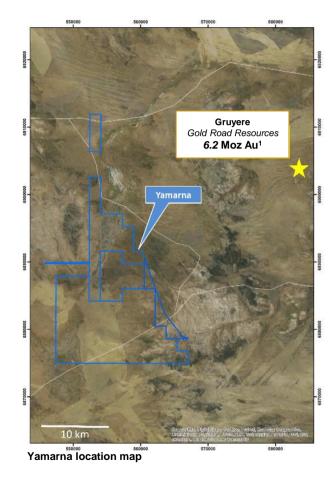


Broadwood tenements with geology and historical exploration

# Yamarna Project

Potential for Au, Ni-Cu-PGE's, and uranium

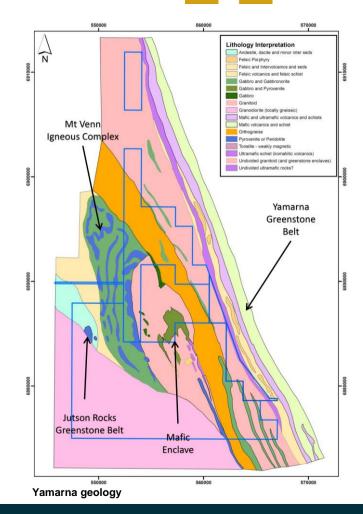
- or personal
- Located 130km east of Laverton, the project lies 25km southwest of the +6Moz Gruyere gold deposit
- Project contains greenstone and felsicintermediate porphyritic lithologies known to be associated with gold mineralisation in adjacent Archaean belts
- Very limited previous exploration completed, much of which appears to have been of limited effectiveness
- Prospectivity of the region highlighted by Gold Field's recent acquisition of 50% of the Gruyere gold project<sup>2</sup> for +A\$350m
- GBR has executed a JV agreement to earn a 75% interest through exploration expenditure of \$2,000,000 over five years
- 1. Refer to Proximal Mineral Deposits table on pages 21 and 22
- 2. Gold Road Resources Ltd ASX announcement 7 November 2016 (http://www.goldroad.com.au/media/58201040da162358861136.pdf)



# Yamarna Project

### Major structural corridors straverse the project

- Immediately west of the Yamarna greenstone belt, hosting southern extensions of the Mt Venn igneous complex
- Major structural corridors associated with the Yamarna and Jutson Rocks greenstone belts traverse the project
- Significant gold mineralisation recognised immediately east along the Attila-Alaric and Gruyere trends
- For personal Poorly-tested magnetic and EM conductivity anomalies believed to be extensions of the Mt Venn igneous complex
  - Very limited previous exploration, likely ineffective in testing for significant bedrock Au and Ni-Cu mineralisation



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# **Forward Catalysts**

#### **ASX Listing**

GBR listed on the ASX 18 November 2016 following a successful and oversubscribed IPO, raising A\$6.1m

#### **Immediate Drill Testing**

- A 3,500m RC drill programme to test high priority gold targets at Balagundi is scheduled to commence imminently, with results expected in early-mid December
- An RC programme has been planned at Jundee South to test targets generated from recent surface gold and geochemistry programmes. Timing is subject to various approvals being granted
- An auger programme has commenced at Tarmoola with results expected in early December. A followup RC programme will be planned for Q1 2017
- Approvals are being sought for a first pass auger geochemistry programme at Broadwood
- Data compilation and desktop analysis continues on Yamarna ahead of field activities later in 2017



# Appendices

## **Proximal Mineral Deposits\***

	Re	eported Resources	5	R	eported Reserves		Resource & Reserves	Historical	Total Endowmer
	Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)	Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)	Gold (Moz)	Production (Moz)	Gold (Moz)
Bannockburn	18.9	1.7	1.06	4.4	1.5	0.21	1.06	0.35	1.1
Source:					esources Reserve				
Source:	http://www.sarad	cen.com.au/files/4	114/0738/8398	/140121_ASX - A	cquisition_of_Thur	nderbox_Operation	ons_Final.pdf		
Note:	Resources include	e Ore Reserves of 4	4.4Mt at 1.5g/t	Au and 206koz gol	d				
	Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)	Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)	Gold (Moz)	Production (Moz)	Gold (Moz)
Binduli	74.9	0.9	2.17				2.17		2.2
Source:	http://www.norte	ongoldfields.com.a	u/PDF/15-04-0	8%20Scheme%20E	Booklet.pdf				
Note:									
	Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)	Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)	Gold (Moz)	Production (Moz)	Gold (Moz)
Gruyere	147.7	1.3	6.16						6.2
Source:	http://www.gold	road.com.au/repor	rts/GruyereMin	eralResourceUpda	te-April2016-FINA	L.pdf			
Note:	No Ore Reserves								
	Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)	Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)	Gold (Moz)	Production (Moz)	Gold (Moz)
Gwalia	17.3	7	3.90	6.8	8.3	1.81	3.9	5.31	9.2
	http://www.stba	rbara.com.au/filea	dmin/user uplo	oad/documents/Re	eserves and Resou	urces/2016/2016.	08.23 ASX 30 June 201	6 Ore Reserves and M	Mineral Resources
Source:	http://www.stba	rbara.com.au/filea	dmin/user_uplo	oad/documents/Re	serves and Reso	urces/30 June 20	013/SBM Short Form O	re Reserve Report Gy	walia Mine .pdf
Source: Source:	http://www.stbau http://www.stbau	rbara.com.au/filea rbara.com.au/uplo	dmin/user_uplo ads/tx_rlsortthi	bad/documents/ar is/2016.08.23 ASX	nual-reports/St B FY16 Financial R	arbara Limited A Report Appendix	013/SBM Short Form O Annual Report 2015.pdf 4 4E briefing and web 16 St Barbara has report	cast_final.pdf	
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\* None of the mineral deposits and mines referred to in this table are located on tenements in which GBR has an interest

## **Proximal Mineral Deposits\***

		Re	ported Resources		R	eported Reserves		Resource & Reserves	Historical	Total Endowment	
		Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)	Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)	Gold (Moz)	Production (Moz)	Gold (Moz)	
	King of the Hills	0.9	6.1	0.17	1.0	3	0.10	0.17		0.17	
$\gg$	Source:	http://www.sarad	cen.com.au/files/8	214/4486/6594	/151015 ASX - F	Resources Reserv	es 2015 Final.p	odf			
	Note:	Resources include	Ore Reserves of 1	.0Mt at 3.0/t A	u and 95koz gold						
$\square$		Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)	Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)		Production (Moz)	Gold (Moz)	
	Kundana	3.4	6	0.66				0.66		0.7	
$\bigcirc$	Source:	http://www.nsrltd.com/our-assets/resources-and-reserves									
<b>A</b> 15		Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)	Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)		Production (Moz)	Gold (Moz)	
$(\mathbb{D})$	Kundana East	5.1	11.3	1.86	1.7	8.3	0.44	1.86		1.9	
20	Source:	http://www.nsrlt	d.com/our-assets/	resources-and-	reserves						
00	Source:	http://www.nsrlt	d.com/wp-content	/uploads/2016	08/NSR-Kalgoorli	e-Operations-Fact-	Sheet-July-2016	i.pdf			
5	Source:	http://www.nsrlt	d.com/wp-content	/uploads/2016	/07/June-Quarterl	y-Report-20-7-201	<u>6-final.pdf</u>				
	Note:	No historical proc	luction recorded fo	or Kundana or K	undana East as or	e from both projec	ts was processe	d through the Kanowna Be	elle plant		
	Note:	Resources include	ore Reserves of 1	.66Mt at 8.3g/	t Au and 444koz g	old					
and		Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)	Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)		Production (Moz)	Gold (Moz)	
YU	Mungari Operations	79.33	1.78	4.53	7.9	2.62	0.67	4.53		4.5	
$\square$	Source:	http://evolutionm	nining.com.au/rese	rvesresources							
	Note:	Resources include	Ore Reserves of 7	.92Mt at 2.62g	/t Au and 666koz	gold					
$(\bigcirc)$		Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)	Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)	Gold (Moz)	Production (Moz)	Gold (Moz)	
20	Paddington Operations	151.5	1.47	7.14	18.5	1.86	1.11	7.14		7.1	
60	Source:		http://w	ww.nortongold	fields.com.au/Pro	jects_Pad_Reserve	Resource.htm				
<u> </u>	Note:	Resources include	Ore Reserves of 1	8.5Mt at 1.86g	/t Au and 1.11Mo	z gold)					
615		Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)	Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)		Production (Moz)	Gold (Moz)	
	Super Pit	30.9	0.88	0.88	201.7	1.28	8.31	9.19	58	67.2	
$\bigcirc$	Source:	http://www.barri	ck.com/files/annua	al-report/Barric	k-Annual-Report-	2015.pdf					
	Source:	http://superpit.co	om.au/about/histo	ry/							
<u></u>	Note:	KCGM operates t	he Kalgoorlie Supe	Pit and stated	historical product	tion of 58Moz up to	o 2014				
		Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)	Tonnage (Mt)	Grade (g/t Au)	Gold (Moz)	Gold (Moz)	Production (Moz)	Gold (Moz)	
$\bigcirc$	Thunderbox	37.2	1.7	2.02	10.9	1.7	0.60	2.02	0.81	2.83	
1 п											
	Source:					Resources Reserv					
	Source:	urce: http://www.saracen.com.au/files/4114/0738/8398/140121_ASX Acquisition_of_Thunderbox_Operations_Final.pdf									
	Note: Resources include Ore Reserves of 10.9Mt at 5.2g/t Au and 595koz gold										

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