St Barbara

Diggers and Dealers Mining Forum 2008

Attached is a Company handout for the Diggers and Dealers Mining Forum 2008 in Kalgoorlie, Western Australia.

Ross Kennedy
Company Secretary

4 August 2008

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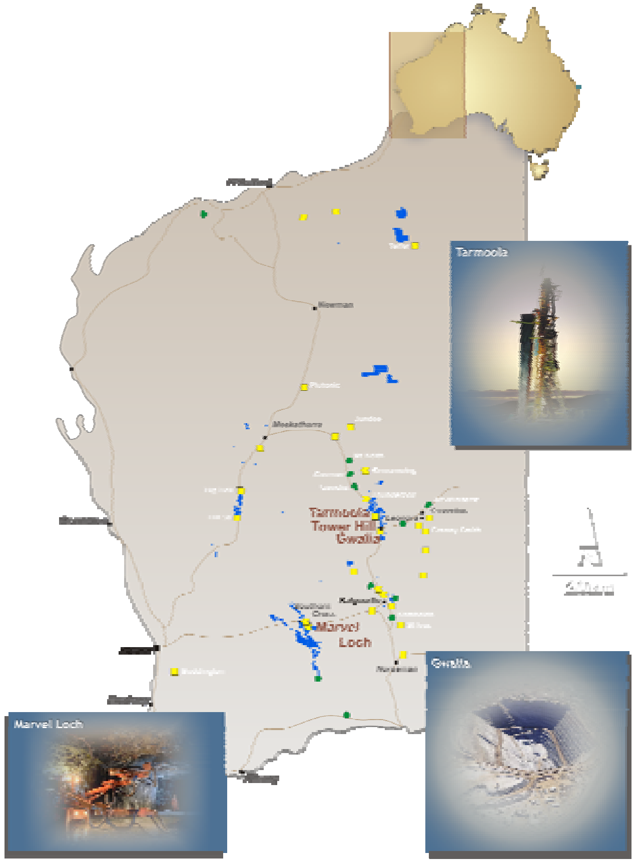
St Barbara Limited

Building a Bigger Future

Diggers and Dealers Mining Forum 2008

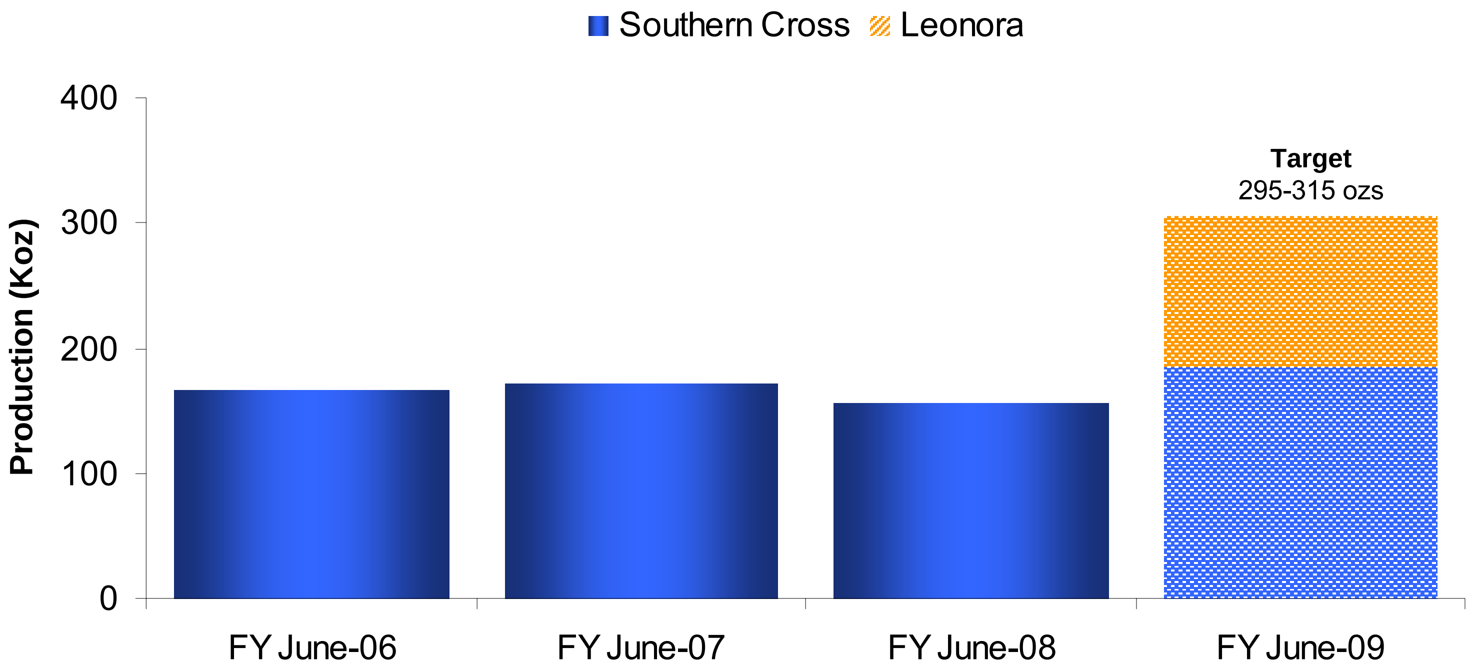
Company Overview

Substantial landholdings in two proven gold provinces



- Australian focused gold producer and explorer
- Key assets include gold mines and associated infrastructure at Southern Cross and Leonora
  - two of the three richest endowed gold provinces in Western Australia
- Established production track record with over 500,000 ounces of gold produced over the last three years
- Low sovereign risk

Production forecast to grow in FY09



- FY08 gold production of 157,477 ounces
- Targeted gold production of 295,000 – 315,000 ounces in FY09

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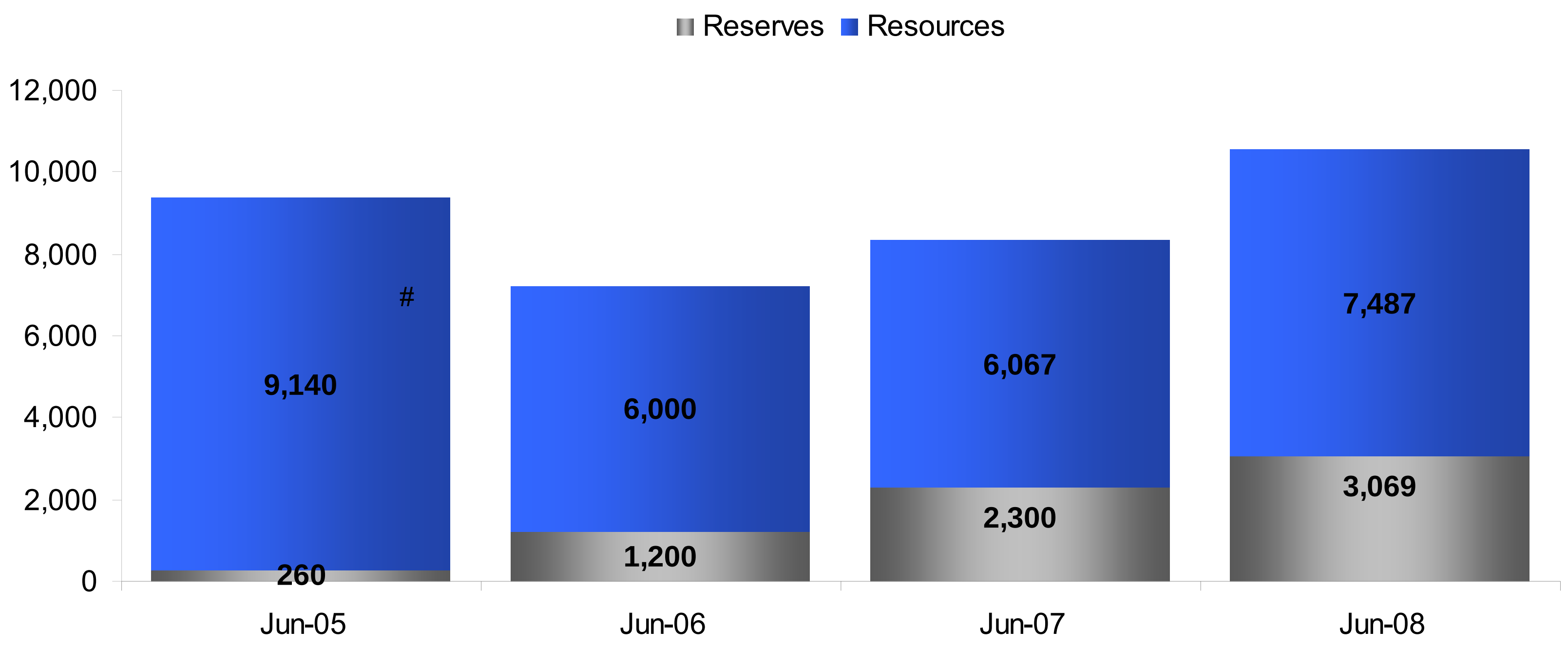
Reserves grow to over 3Moz in 3 years

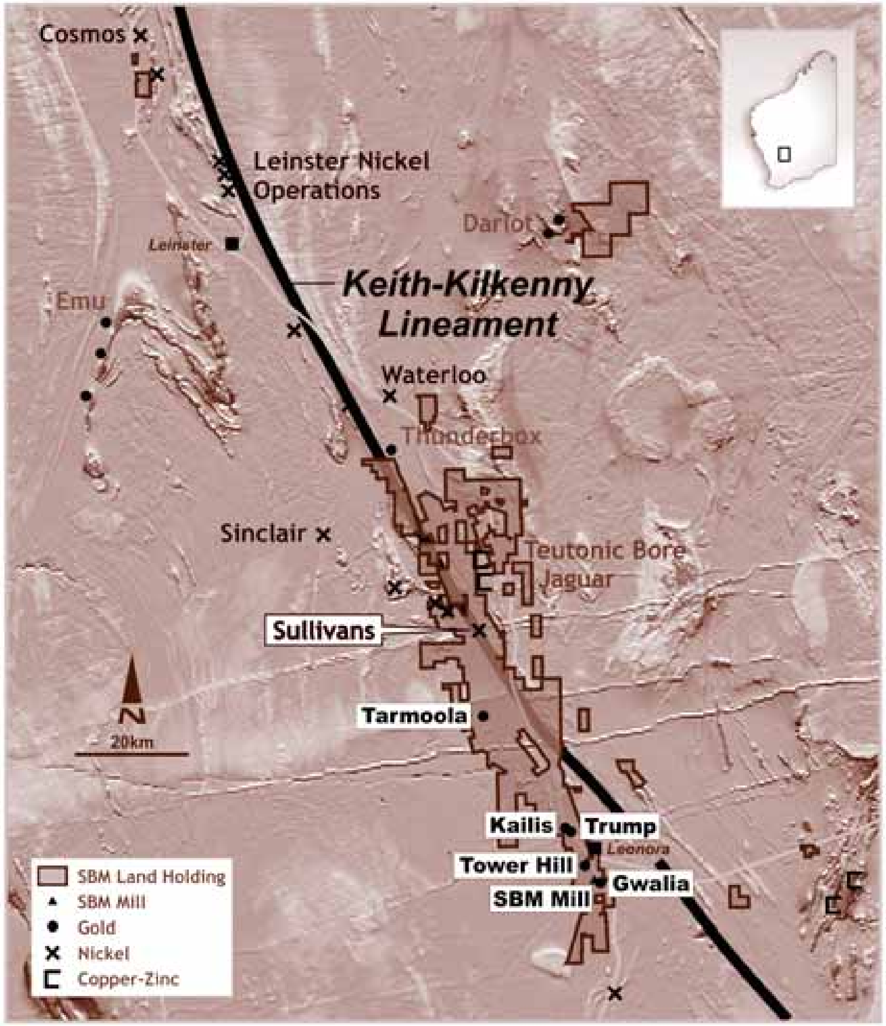


- 43% increase to 3.1 million ounces, after allowing for depletion
- Mineral Resources of 10.6 million ounces provides strong potential for future growth of Ore Reserves

Includes Meekathara and South Laverton Resources; assets sold in October 2005

Leonora operations

Leonora Reserves exceed 2Moz

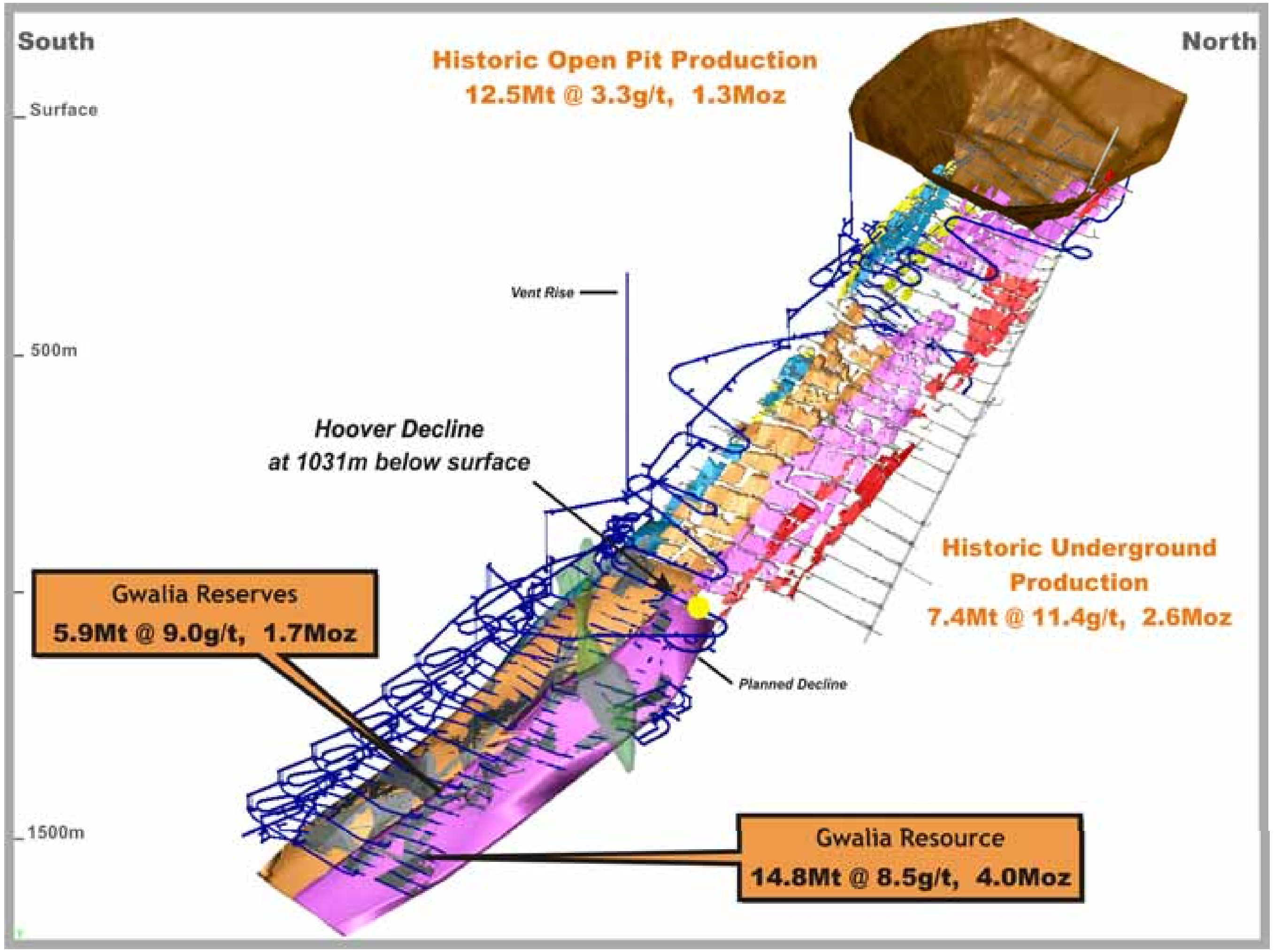


- Located 200 kilometres north of Kalgoorlie
- Ore Reserve of 2.2Moz @ 7.2g/t
  - Gwalia 1.7Moz
  - Tower Hill 0.3Moz
  - Open Pits 0.2Moz
- Tower Hill located 2 kilometres from the Gwalia mill

Gwalia production to start Q3 08

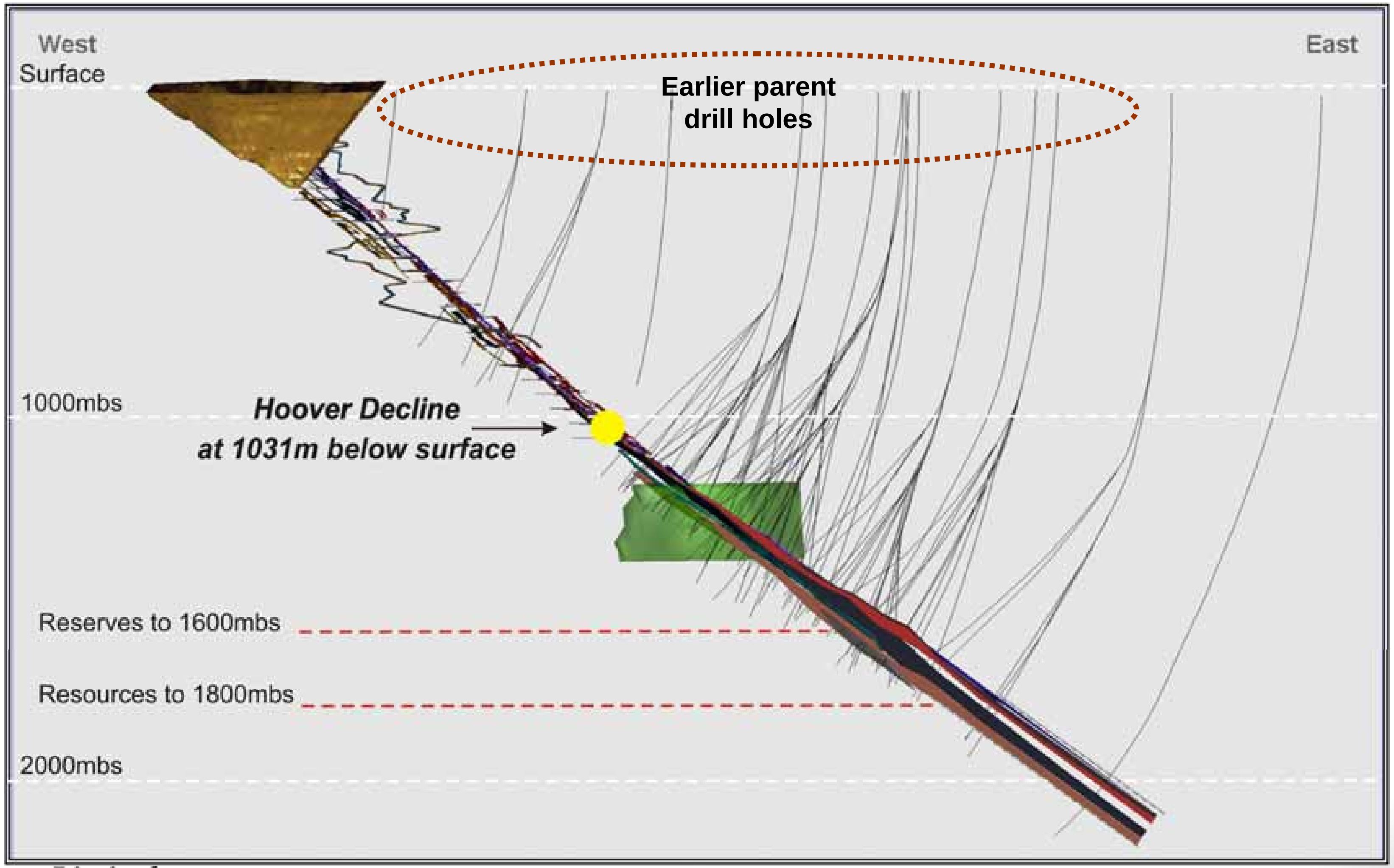
- Ore Reserve of 1.7Moz @ 9.0g/t
  - underpins a mine life of at least nine years
- Hoover Decline at Deeps reserves
- Refurbishment of the Gwalia processing plant near completion
  - in readiness to commence gold production

Gwalia Resource exceeds 3.5Moz



- First Production September Quarter 08 quarter
- Grade control drilling of stopes underway
- Lateral development for stope production commenced
- Production from West Lode underway

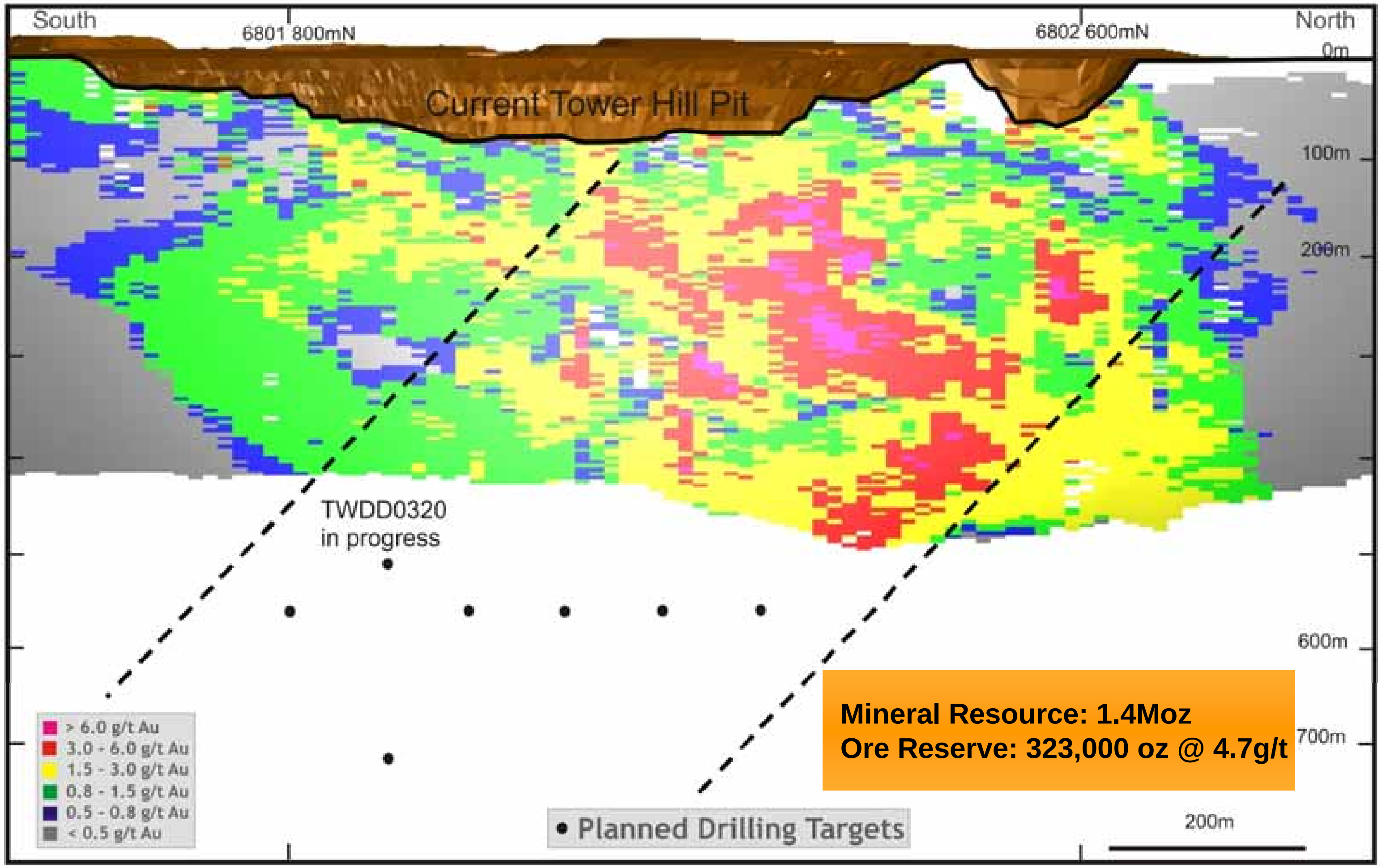
Drilling below 1800mbs confirms potential



Tower Hill

North

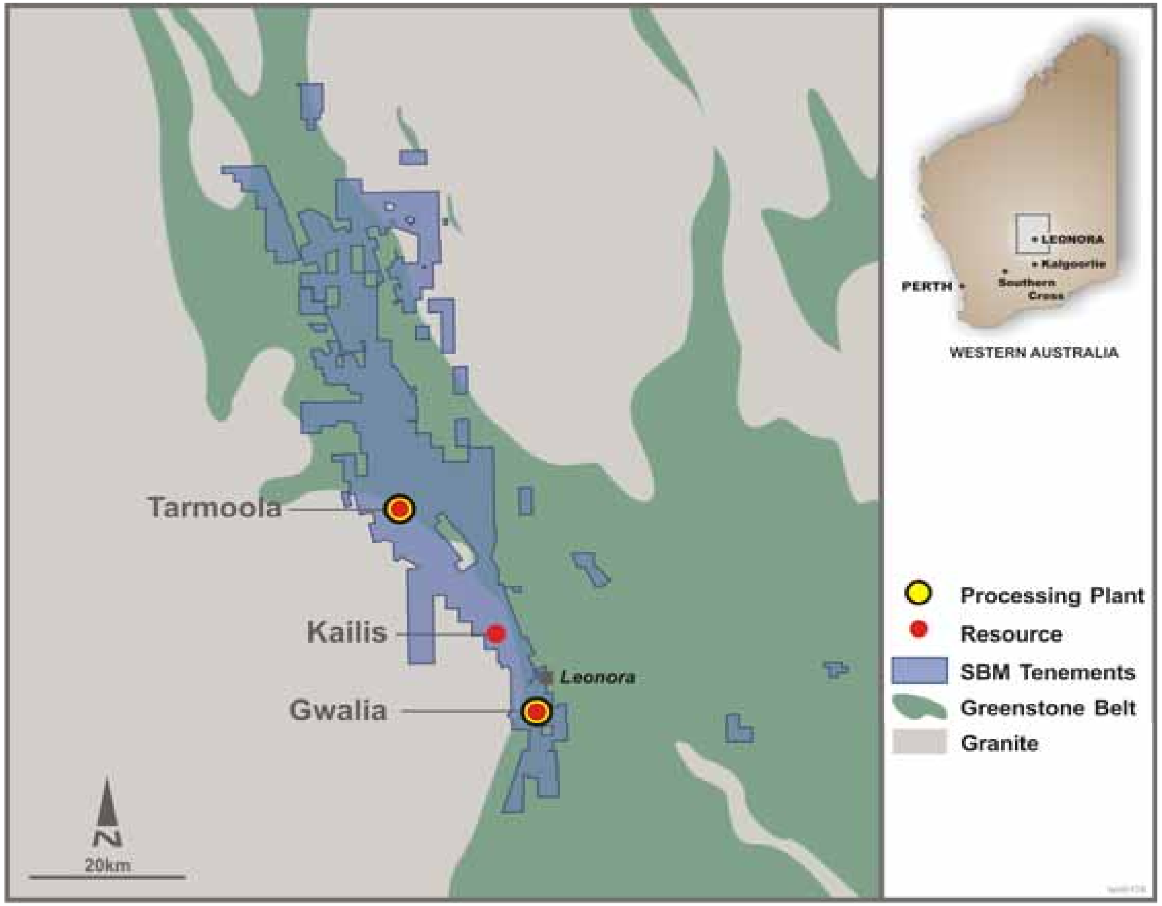
Tower Hill - Resource 1.4Moz



Mineral Resource: 1.4Moz
Ore Reserve: 323,000 oz @ 4.7g/t

Tarmoola

Tarmoola – Resource 2.1Moz



- Higher grades exist at depth on the granite-ultramafic contact
- Evaluate underground mine development potential from base of pit
- Drilling underway to extend and increase resources

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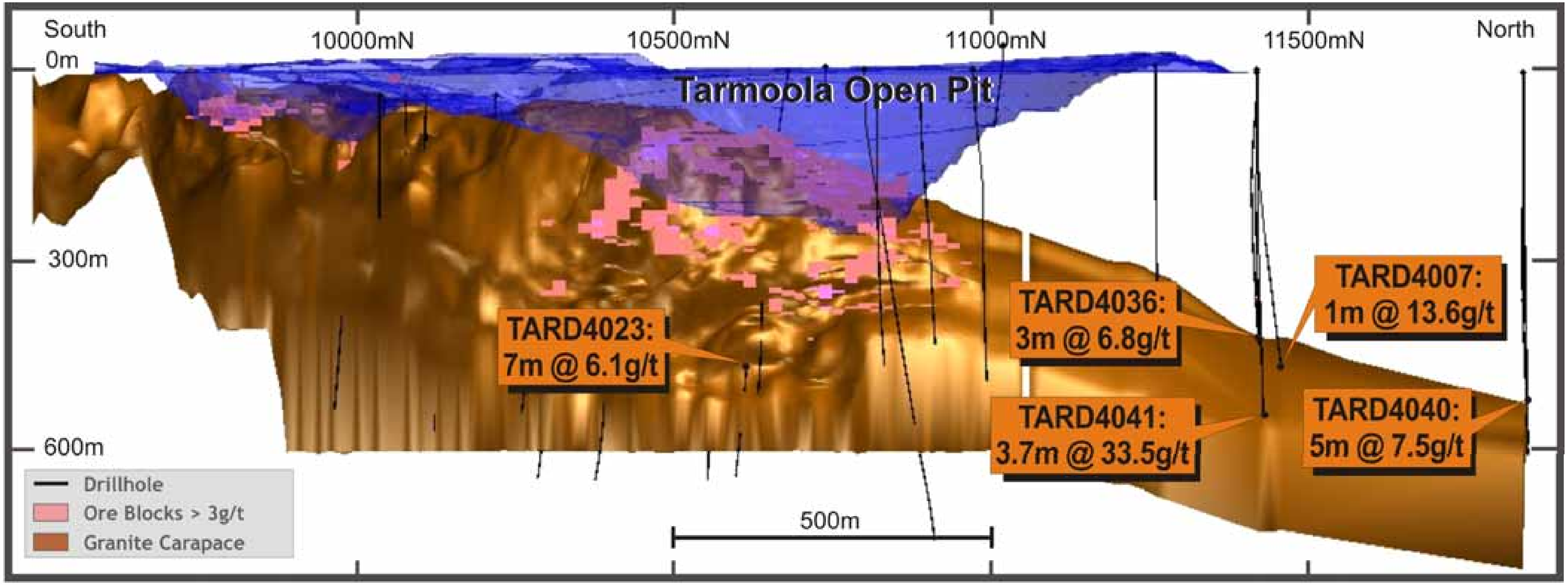
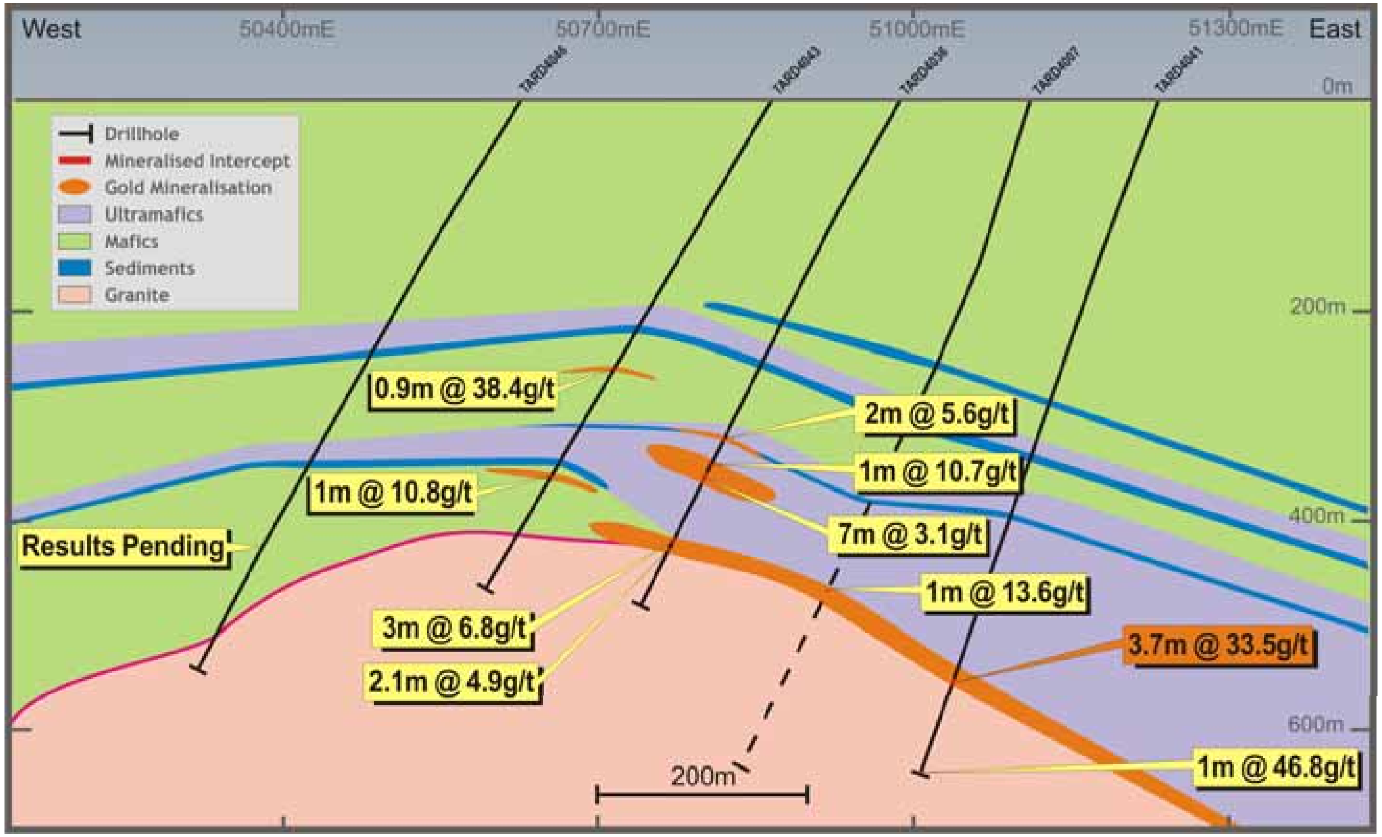
Tarmoola



Blocks >3g/t extending below the pit

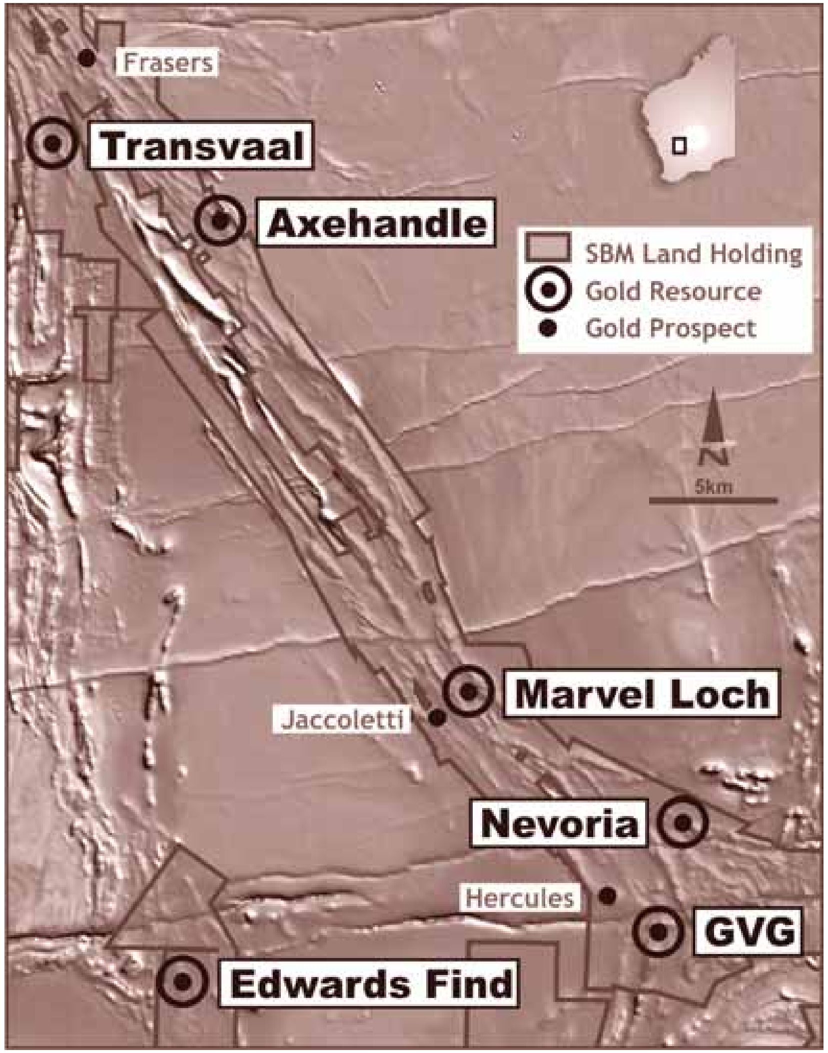
Tarmoola Cross Section



High grade shoots intersections of carapace above granite

Southern Cross operations

Southern Cross Resource exceeds 2.6Moz



- Located 360km east of Perth, Western Australia
- Ore Reserve of 911koz @ 2.8g/t
- Current operations are the Marvel Loch underground mine, and open pits in the GVG area 13km to the south
- Over 500,000 ounces produced since June 2005

Marvel Loch

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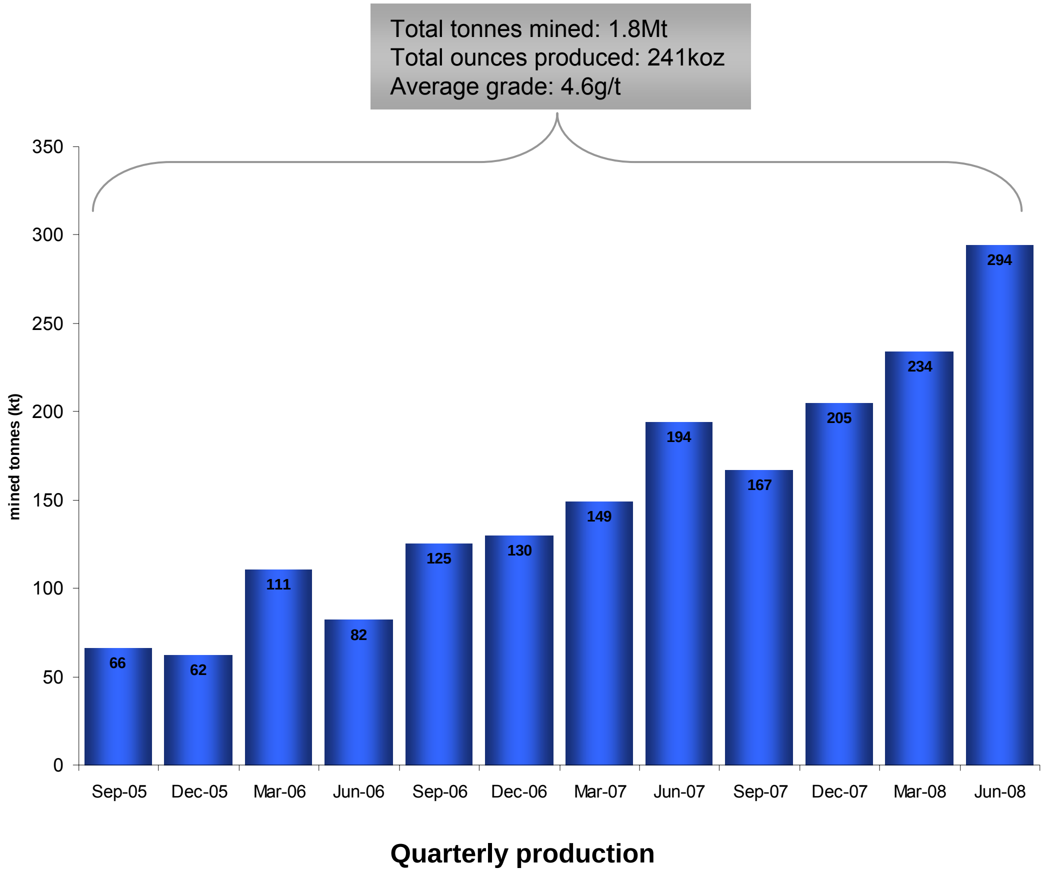
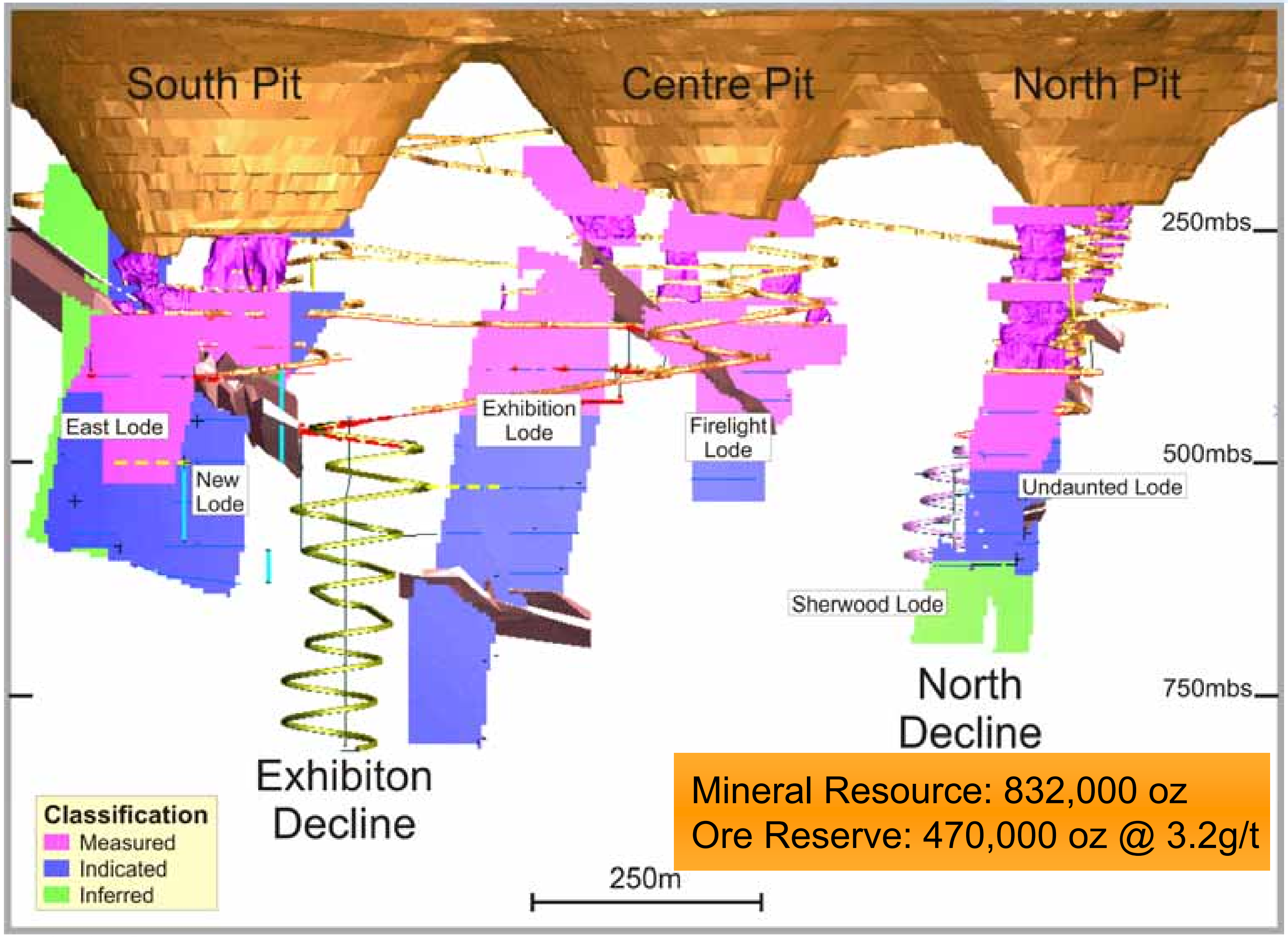
Marvel Loch – over 1.8Mt mined



- Cornerstone of St Barbara’s Southern Cross operations
- Gold mineralisation extends over a 1.3km strike length, defined to depths of over 700 metres below surface (“mbs”) and remains open at depth
- Produced 0.9 million tonnes of ore during the 2008 financial year; forecast to deliver similar volume in 2009
- Marvel Loch mill has a production capacity of 2.4 Mtpa

Marvel Loch - The Cornerstone



Mineral Resource: 832,000 oz
Ore Reserve: 470,000 oz @ 3.2g/t

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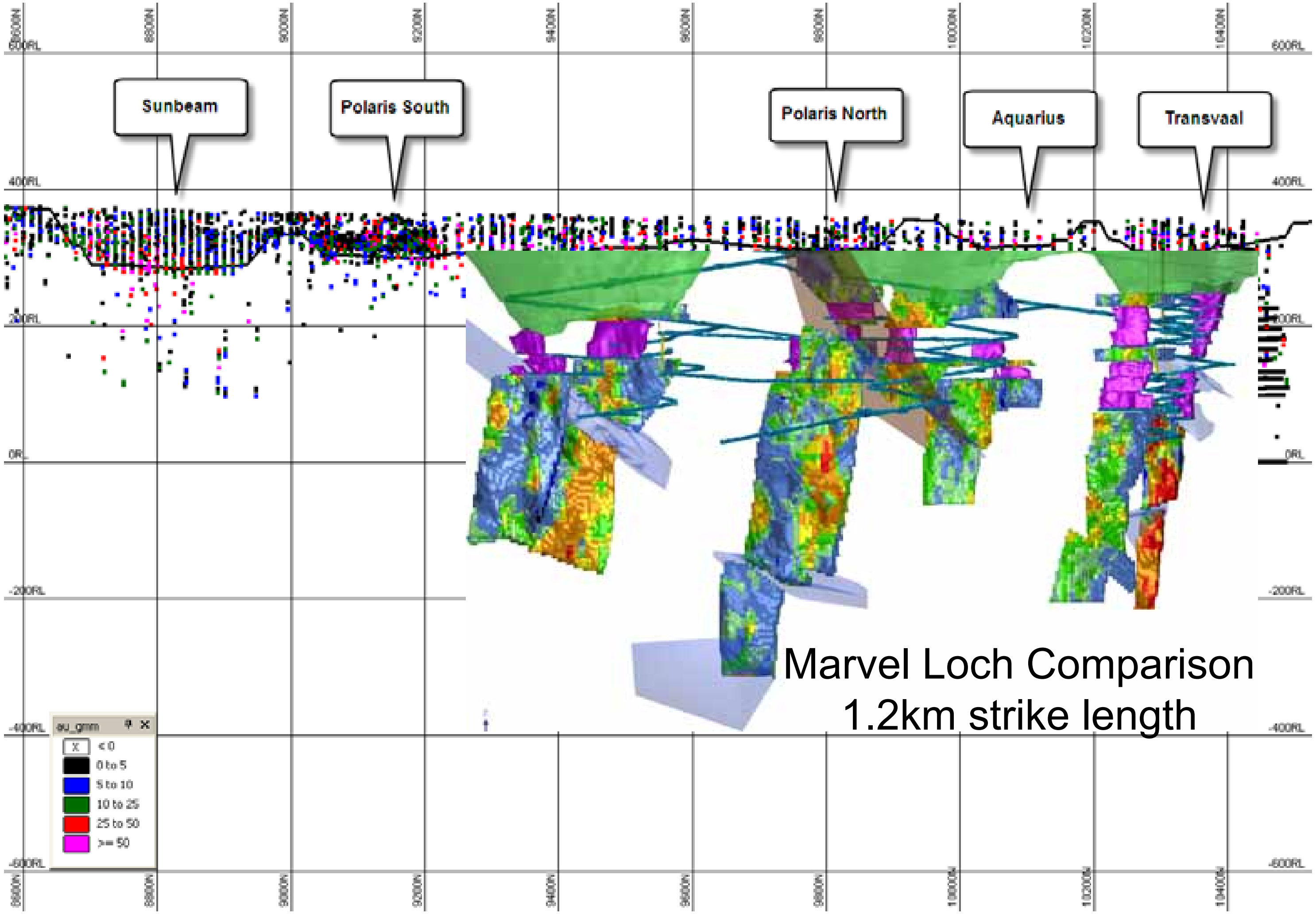
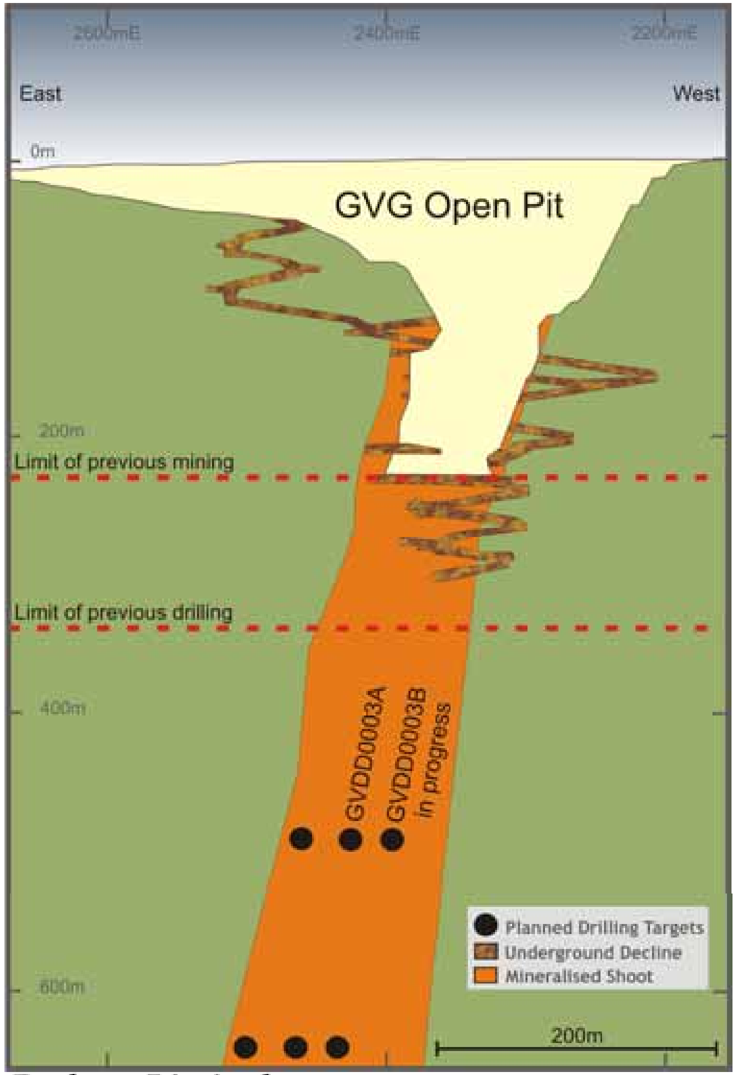
Transvaal –
Long Section Eastern Lodes



GVG Lode 1



- Diamond drilling commenced to potentially extend mineralisation to 800mbs
- Previously mined from underground to 220mbs
- Past underground production
  - 1Mt @4.2g/t for 140koz

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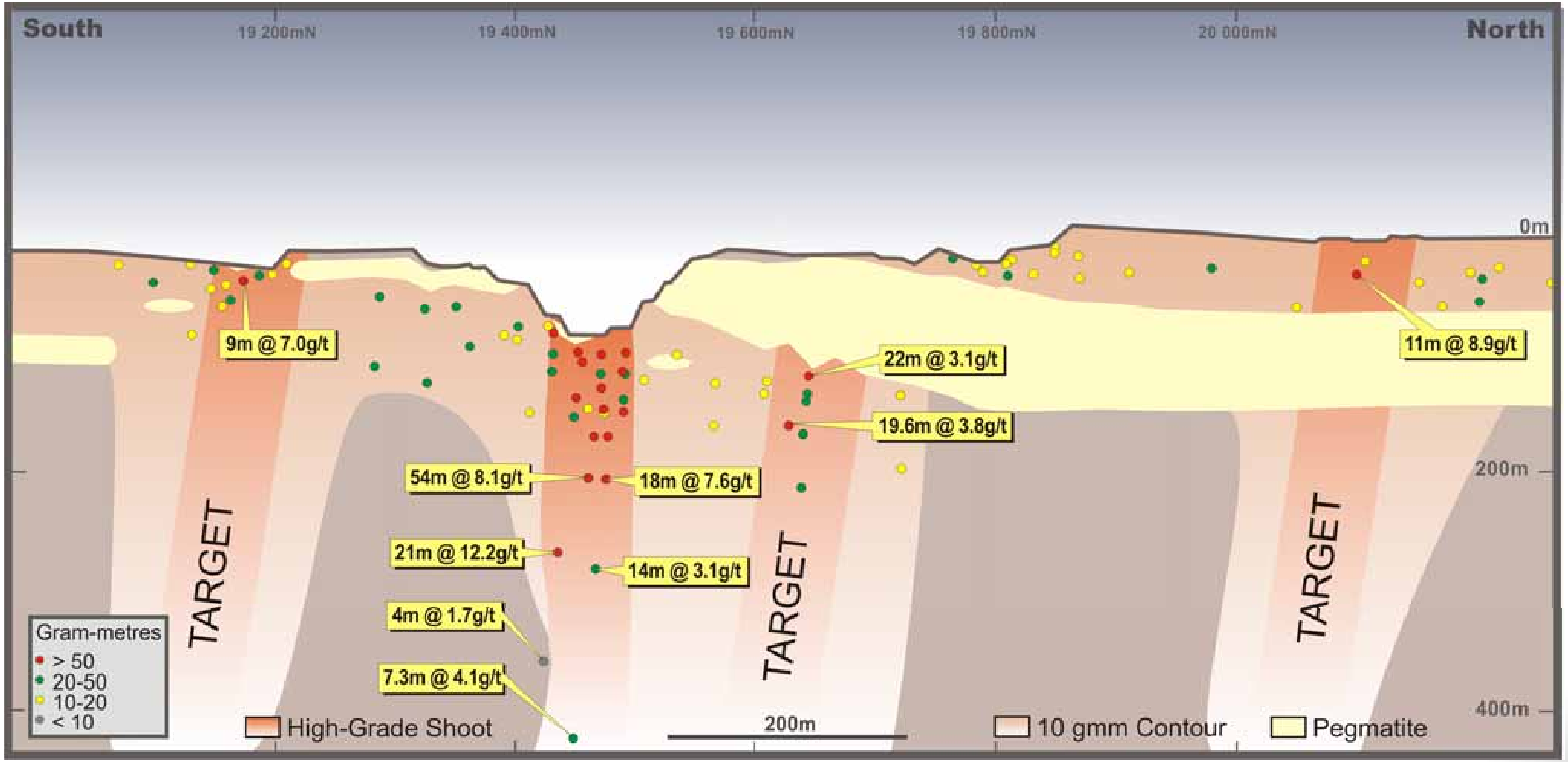
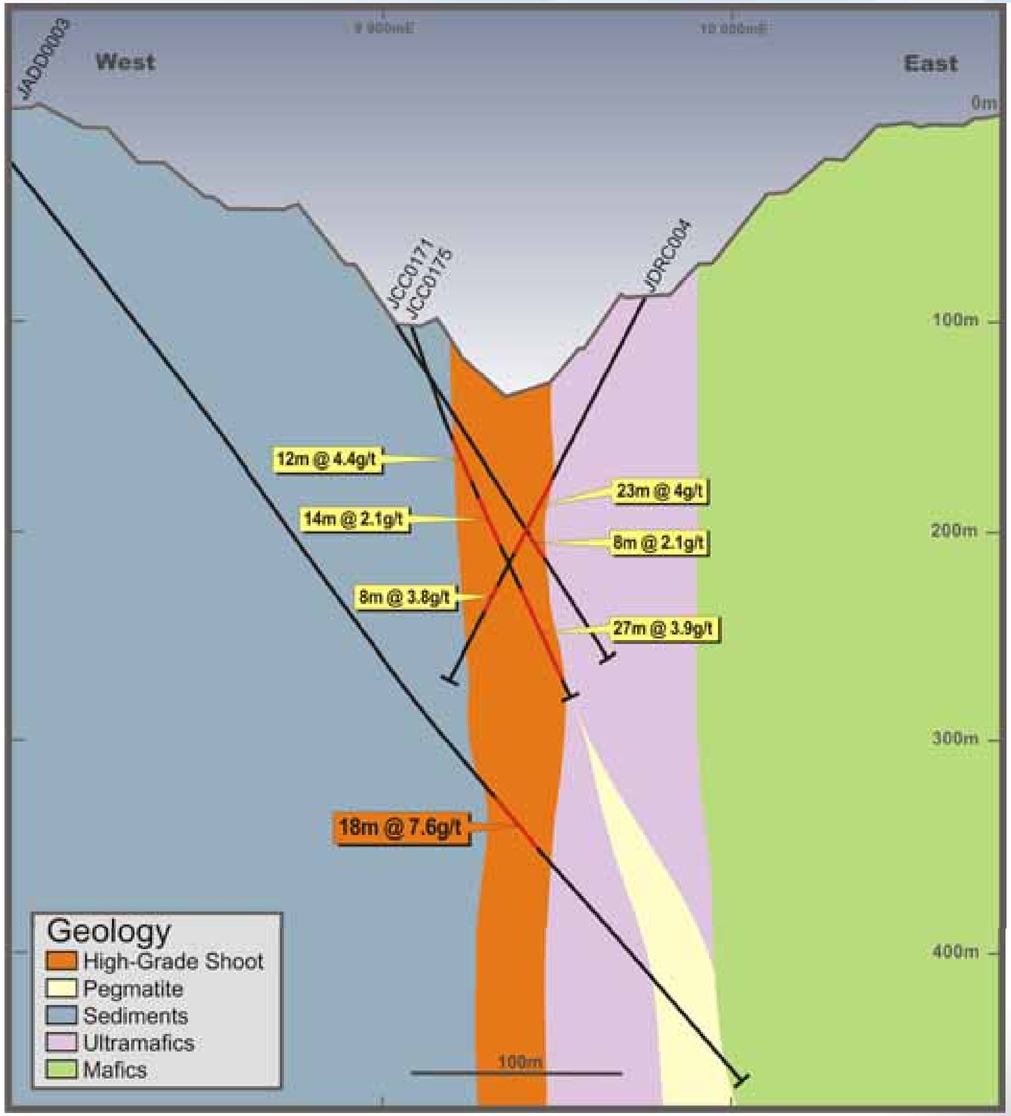
Recent drilling at Jaccoletti highlights potential



Jaccoletti

- High grade pipes
- True widths in excess >20m
- Strike length of 50 – 80m
- Located 1.5kms from Marvel Loch processing plant



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Outlook

2009 Financial Year

- Gold production from the Southern Cross and Leonora operations is targeted to be in the range of 295,000 – 315,000 ounces

Mineral Resource Statement as at 30 June 2008

	MEASURED			INDICATED			INFERRED			TOTAL		
REGION	kT	Au g/t	koz	kT	Au g/t	koz	kT	Au g/t	koz	kT	Au g/t	koz
Southern Cross												
Marvel Loch	2,800	3.5	318	4,380	3.5	497	100	5.3	17	7,280	3.6	832
Nevoria	0	0.0	0	4,190	3.6	484	630	3.9	80	4,820	3.6	564
Transvaal	0	0.0	0	2,410	4.1	319	2,290	4.3	315	4,700	4.2	634
GVG Lode 1	0	0.0	0	1,200	2.5	98	0	0.0	0	1,200	2.5	98
Other	340	1.8	20	5,350	1.8	309	3,700	2.0	235	9,390	1.9	564
Sub-total	**3,140**	**3.3**	**338**	**17,530**	**3.0**	**1,707**	**6,720**	**3.0**	**647**	**27,390**	**3.1**	**2,692**
Leonora												
Gwalia Deeps	0	0.0	0	10,440	8.4	2,835	1,930	11.6	720	12,370	8.9	3,555
Gwalia Int and West Lode	0	0.0	0	210	4.1	28	1,350	5.9	255	1,560	5.6	283
Tarmoola	12,000	0.9	347	46,000	1.2	1,775	0	0.0	0	58,000	1.1	2,122
Tower Hill	0	0.0	0	18,760	2.2	1,318	380	4.0	49	19,140	2.2	1,367
Other	990	1.0	33	4,270	1.6	216	2,860	3.1	288	8,120	2.1	537
Sub-total	**12,990**	**0.9**	**380**	**79,680**	**2.4**	**6,172**	**6,520**	**6.3**	**1,312**	**99,190**	**2.5**	**7,864**
Total in all areas	**16,130**	**1.4**	**718**	**97,210**	**2.5**	**7,879**	**13,240**	**4.6**	**1,959**	**126,580**	**2.6**	**10,556**

Notes – General

1. All data is rounded to two significant figures. Discrepancies in summations will occur due to rounding.
2. These resources have been compiled and estimated under the direction of Mr Ben Bartlett.
3. Mr Bartlett has sufficient experience relevant to the style of mineralisation and type of deposits under consideration and to the activities which they undertook to qualify as Competent Persons as defined in the "Australasian Code for Reporting of Mineral Resources and Ore Reserves". He has consented to the inclusion in the report of the matters based on his information in the form and context in which they appear.
4. The Tower Hill resource estimate is based on a 0.6g/t cut-off within an optimised $1,500 pit shell, and a 2.8g/t cut-off below the optimised pit shell.
5. The Transvaal mineral resource estimate is based on a graduated cut off grade of 0.5 to 0.9g/t in oxide and 0.7 to 1.0g/t in fresh within an optimised $1,500 pit shell and a 2.0g/t cut-off below the optimised pit shell.
6. Resource variance to *the March 2008* quarterly include, Marvel Loch (-61,000 oz) Mine depletion, Nevoria (-5,000 oz) Mine depletion, GVG/Sth Burbidge (+7,000 oz) Pakistani resource, Tower Hill (-41,000oz) Infill drilling of inferred areas and Transvaal (+590,000) and Gwalia Intermediates (-218,501) reclassification of inferred resources within remanent mining areas.
7. All numbers have been rounded, tonnes (10,000) and ounces (1,000).
8. Some apparent discrepancies in summations will occur due to rounding.
9. Leonora Other - McGraths OC, Kailis, Trump, Harbour Lights, Tamoola s/pile, Royal Arthur Bore, Rainbow.
10. Southern Cross Other - Axehandle, North Edwards Find, Cornishman OC (SBM 51%), New Zealand Gully, Various Stockpiles, Redwing, Yilgarn Star.

Proven and Probable Reserves Statement as at 30 June 2008

	PROVED			PROBABLE			TOTAL		
REGION	**kT**	**Au g/t**	**koz**	**kT**	**Au g/t**	**koz**	**kT**	**Au g/t**	**koz**
Southern Cross									
Marvel Loch underground	1,597	3.2	166	2,945	3.2	304	4,542	3.2	470
Nevoria underground				1,786	3.7	210	1,786	3.7	210
Nevoria open pit				699	2.7	61	699	2.7	61
GVG – open pits				752	1.4	34	752	1.4	34
Transvaal – open pit				471	4.7	71	471	4.7	71
Other	338	1.8	30	1,389	0.8	35	1,727	1.2	65
Sub-total	**1,935**	**3.2**	**196**	**8,042**	**2.8**	**715**	**9,977**	**2.8**	**911**
Leonora									
Gwalia underground				5,990	9.0	1,730	5,990	9.0	1,730
West Lode underground				140	2.9	13	140	2.9	13
Trump open pit				402	2.0	25	402	2.0	25
Kailis open pit				602	3.5	67	602	3.5	67
Tower Hill				2,144	4.7	323	2,144	4.7	323
Sub-total				**9,278**	**7.2**	**2,158**	**9,278**	**7.2**	**2,158**
Total in all areas	**1,935**	**3.2**	**196**	**17,320**	**5.2**	**2,873**	**19,255**	**5.0**	**3,069**

Notes – General:

1. The ore reserve estimates used a gold price of $950/oz and $800/oz for ounces mined prior to and post June 2010.
2. All data is rounded to two significant figures. Discrepancies and summations will occur due to rounding.

Notes – Southern Cross:

1. Information in this report that relates to Southern Cross Ore Reserves is based on information compiled by Mr. Jacobus Kirsten, Mr. Sam Larritt, and Mr. Peter Fairfield who are members of the Australasian Institute of Mining and Metallurgy. Mr. Kirsten, Mr. Larritt and Mr. Fairfield are full-time employees of St Barbara Limited. Mr. Kirsten, Mr. Larritt, and Mr. Fairfield have sufficient experience relevant to the style of mineralisation, type of deposit under considerations and for the activity being undertaken to qualify as Competent Persons as defined by the 2004 edition of the 'Australasian Code for Reporting of Mineral Resources and Ore Reserves'. Mr. Kirsten, Mr. Larritt, and Mr. Fairfield consent to the inclusion in the report of the matters based on their information in the form and context in which it appears.

Notes – Leonora

1. Information in this report that relates to Leonora Ore Reserves is based on information compiled by Mr. Jacobus Kirsten, Mr. Peter Fairfield and Mr Per Scrimshaw who are members of the Australasian Institute of Mining and Metallurgy. Mr Kirsten, Mr. Fairfield are full-time employees of St Barbara Limited. Mr Scrimshaw is a consultant to St Barbara Limited. Mr. Kirsten, Mr. Donald, Mr. Fairfield and Mr. Scrimshaw have sufficient experience relevant to the style of mineralisation, type of deposit under considerations and for the activity being undertaken to qualify as Competent Persons as defined by the 2004 edition of the 'Australasian Code for Reporting of Mineral Resources and Ore Reserves'. Mr. Kirsten, Mr. Fairfield and Mr. Scrimshaw consent to the inclusion in the report of the matters based on their information in the form and context in which it appears.
2. The Gwalia Deeps reserve is based on information as at 30 March 2008.

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The information contained in this report relating to drilling results and resources has been compiled by Mr Benjamin Bartlett. Mr Bartlett is a Member of the Australasian Institute of Mining and Metallurgy, and is a full-time employee of the Company. Mr Bartlett has sufficient experience relevant to the style of mineralisation, type of deposit under consideration and to the activity being undertaken to qualify as Competent Persons as defined in the 2004 edition of the 'Australasian Code for Reporting of Mineral Resources and Ore Reserves'. Mr Bartlett consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.

Unless stated otherwise, intersections shown on cross sections are down hole intercepts.