

For personal use only



MILLENNIUM
MINERALS LIMITED



AGM UPDATE
MAY 2011



Disclaimer

This presentation contains only a brief overview of Millennium Minerals Limited. The contents of this presentation, including matters relating to the geology of Millennium's projects, may rely on various assumptions and subjective interpretations which it is not possible to detail in this presentation and which have not been subject to any independent verification.

This presentation contains a number of forward looking statements. Known and unknown risks and uncertainties, and factors outside of Millennium's control, may cause the actual results, performance and achievements of Millennium to differ materially from those expressed or implied in this presentation.

To the extent permitted by law, Millennium does not warrant the accuracy, currency or completeness of the information in this presentation, nor the future performance of Millennium, and will not be responsible for any loss or damage arising from the use of information.

The information contained in this presentation is not suitable for detailed investigation or analysis of any particular issue. Current and potential investors and shareholders should seek independent advice before making any investment decision in regard to Millennium or its activities.





Millennium Minerals Limited

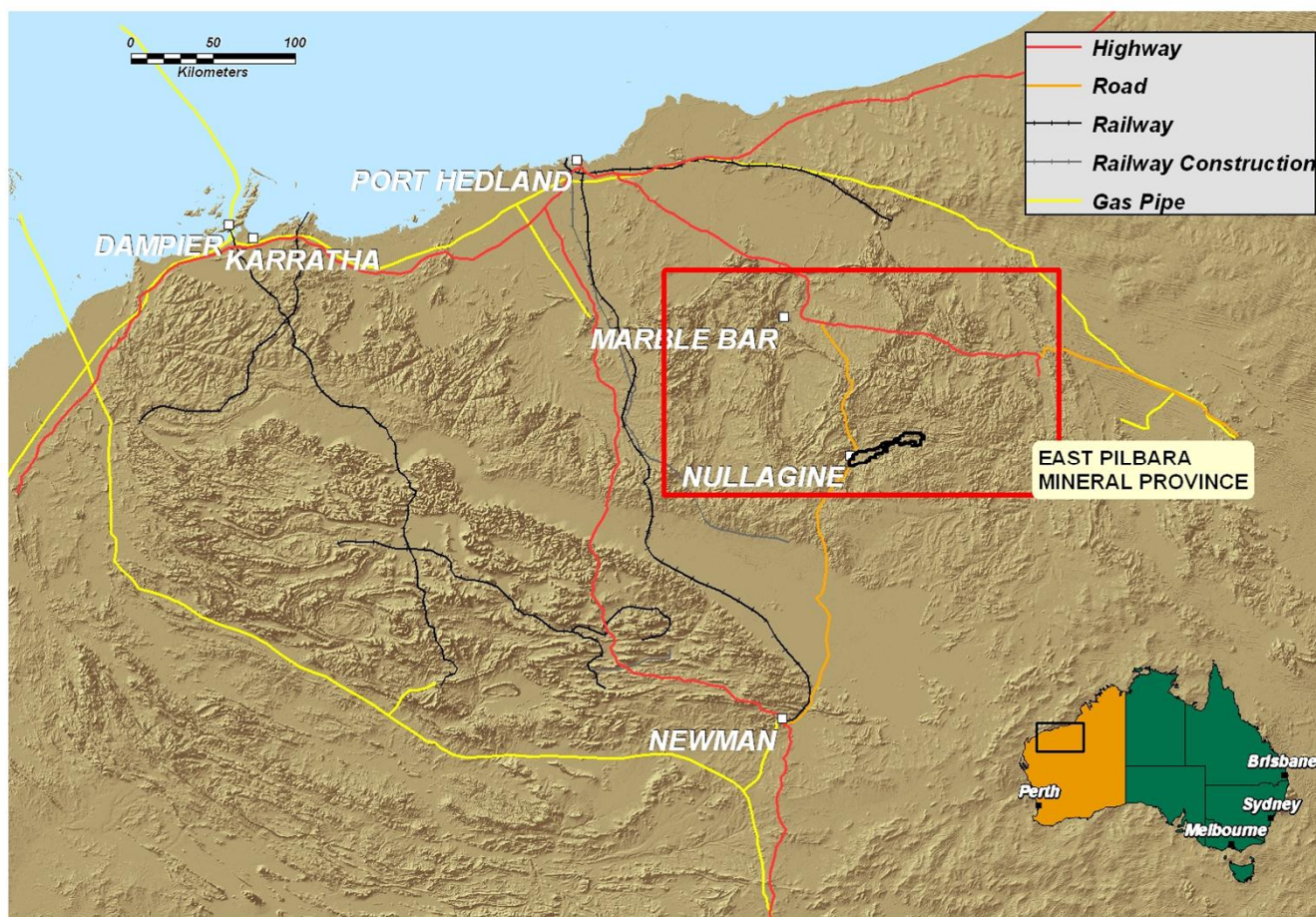
- An emerging gold producer in the East Pilbara District of Western Australia
- Global **Mineral Resources** of 34.41Mt at 1.13 g/t for **1.24M** contained Au ounces (0.5 g/t Au cut off)
- A Gold Project with **Ore Reserves** of 10.45 Mt at 1.7 g/t Au for **567Koz** ready for construction
- Syndicated Debt Facility for \$35M with BNP Paribas and National Australia Bank Limited
- \$10M finance lease facility with National Australia Bank Limited
- Well located in Pilbara with infrastructure and services
- Rights Issue completed in March raised \$23.2M before costs
- Management with strong track record bringing green field projects to fruition





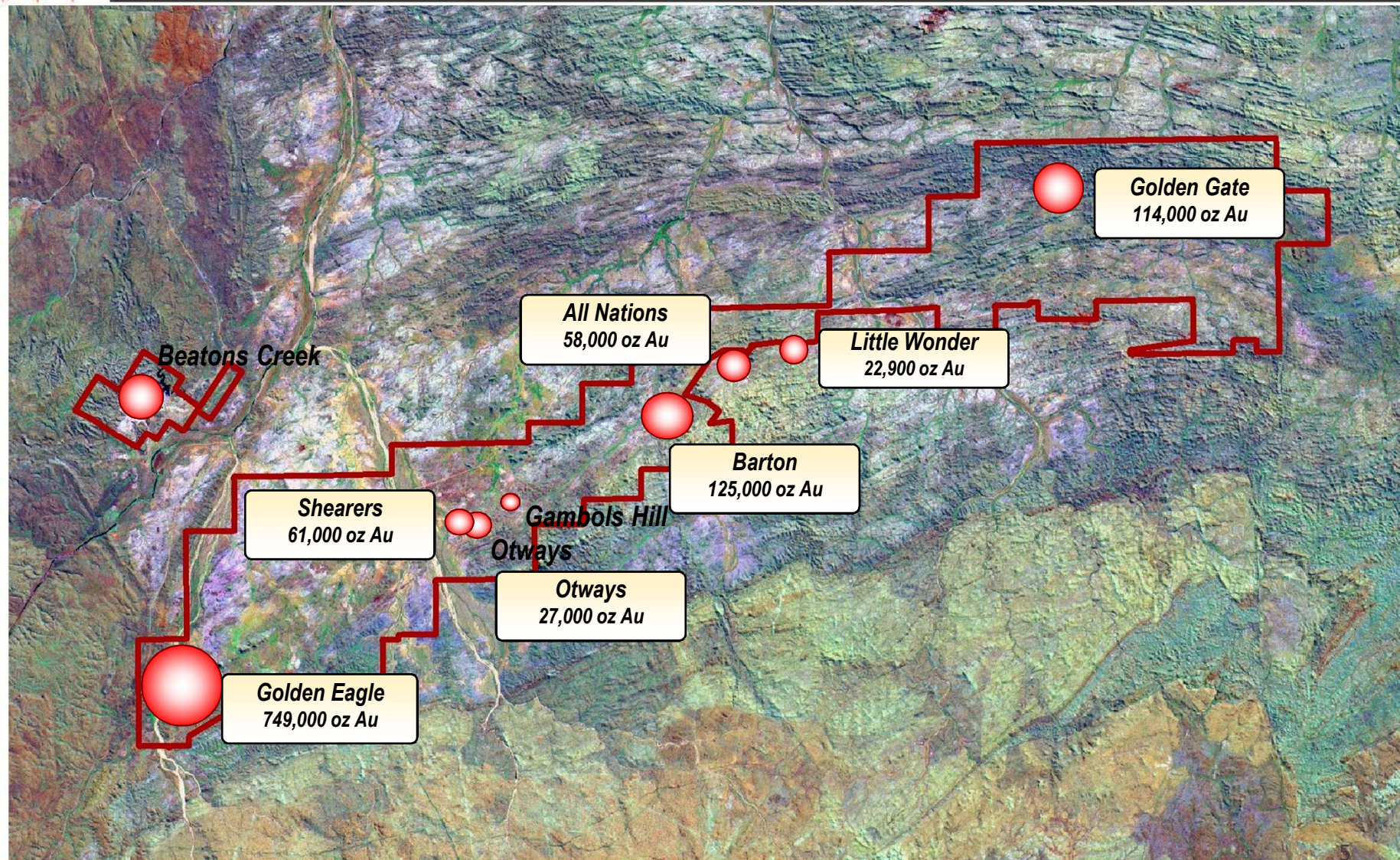
East Pilbara Mineral Province

For personal use only





Deposits Locations and Gold Resources



For personal use only





Gold Project . Banked Mine Parameters

- 7 year mine life, multiple, shallow open pits
- Pit optimisations done at A\$1275/oz
- Current LOM gold Reserve ounces 567,000
- Head Grade range across pits 1.6g/t – 3.7g/t
- Peak gold output 82koz/yr
- 1.5 Mtpa CIL process plant
- Strip Ratio (W:O) 3.70:1
- Average Recovery 89%
- Site cash cost average \$757/oz





Project Finance - BNP Paribas and NAB

- \$35M Project Finance Facility
- 50:50 Syndication with BNP Paribas and NAB
- Provides for;
 - Construction
 - Construction Cost overrun
 - Environmental Bonds
 - Risk Management Facilities (eg. gold price, diesel fuel)
- Syndication Facility Agreement signed 8 March, 2011





Finance Lease Facility - National Australia Bank Limited

- \$10M Finance Lease Facility
- Provides for;
 - Transportable buildings
 - Mobile Equipment
 - Light vehicles
- Subject to completion of documentation and CP's





Project Metrics Update

For personal use only

Construction Capital Expenditure**		
Process Facilities	\$M	50.7
Indirect	\$M	20.2
Total Capital Cost	\$M	70.9
Pre-production costs	\$M	\$8.6

Production		
Ore production	Mt	10.45
Ore grade Average	g/t Au	1.7
Processing recovery	%	89
Gold production	koz	505
Mining strip ratio	waste t: ore t	3.7:1
Life of mine	years	7

**Before contingency applied
To cash flow model (varies between
5% -15%)

Economics*		
Revenue	\$M	718
EBITDA	\$M	313
Earnings before tax	\$M	235
IRR	%	43

*London Gold fix (pm 11 May)US\$1508/oz,
*FX 1.06 US\$/A\$

Operating Costs		
Mining	\$/t mined	15.7
Processing	\$/t milled	16.5
Admin	\$/t milled	3.4
Total	\$/t milled	36.6
C1 Cash Cost	A\$/oz	757

Assumptions		
Gold price*	AUD\$/oz	1423
Royalty rate	%	2.5%





Development Schedule

Development schedule

2010 2011 2012
Jun Sep Dec Mar Jun Sep Dec Jan Feb Mar April

Conclude financing



Detailed Engineering Design



Project Construction



Commence Mining



Commence Operations



For personal use only





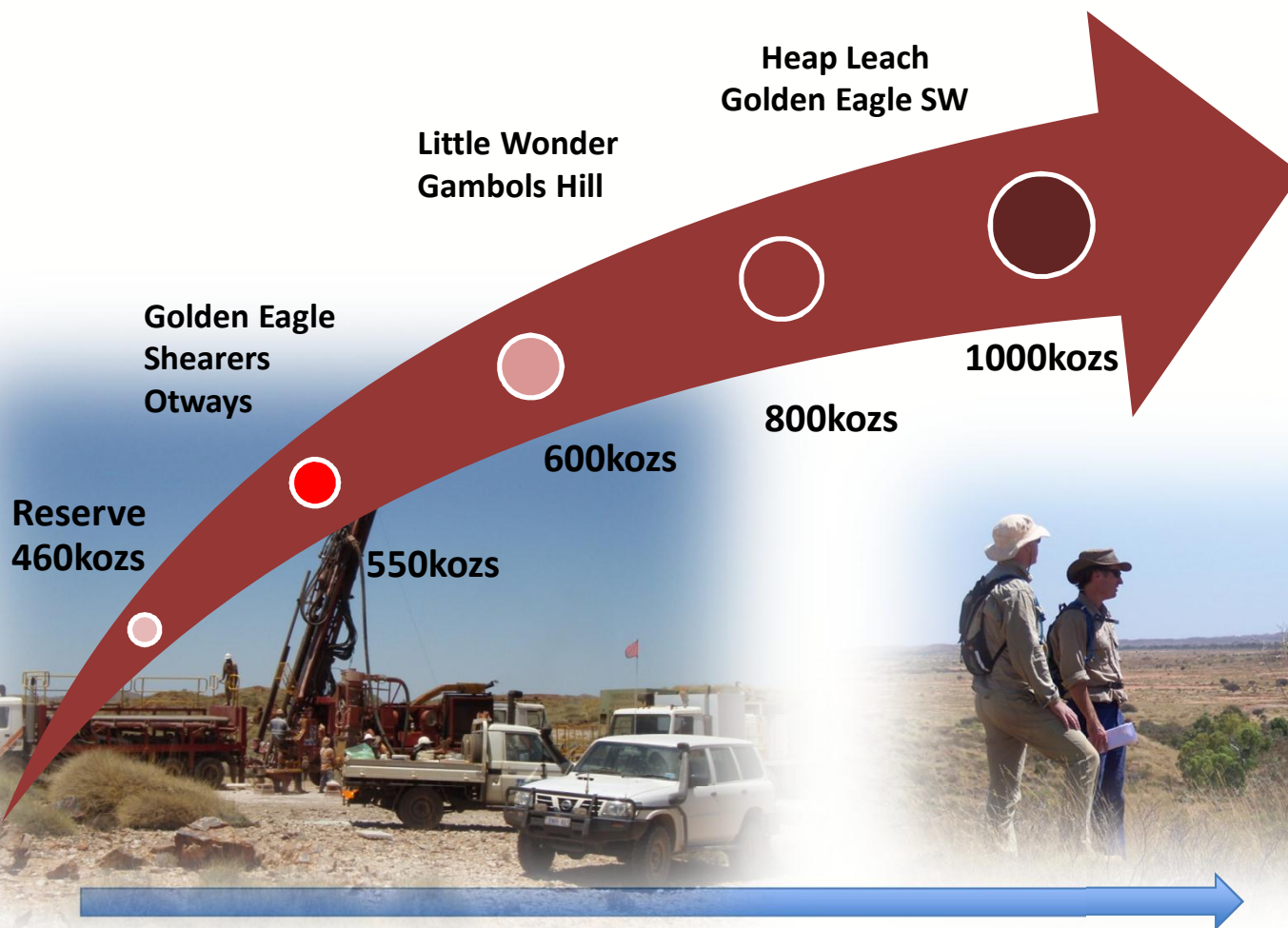
Short Term Potential to Lift Gold Production

- Down dip & on strike extension potential exists on all deposits
 - Stage 1 drilling at Golden Eagle, Otways and Shearers completed
 - High grade intercepts at Otways and Shearers point to potential to extend pit designs
 - Southwest strike extensions show potential at Golden Eagle
 - Further drilling warranted to test on strike and at depth potential at all deposits
- 3rd Party Resource Acquisition
 - Millennium will have “first mover” advantage in the Nullagine region
 - Joint Venture deals concluded with Galliard and Creasy Group
 - In discussion/due diligence with additional parties to acquire local gold resources





EXPLORATION . OUR ORGANIC GROWTH PATH



Ore Reserve Target Range Increase Through Aggressive Exploration

The information relating to the terms "Target range" and "target grade" should not be misunderstood or misconstrued as an estimate of Mineral Resources or Ore Reserves as defined by the JORC code (2004) and therefore the terms have not been used in this context. It is uncertain whether further exploration or feasibility study will result in the determination of a Mineral Resource or Ore Reserve.

For personal use only

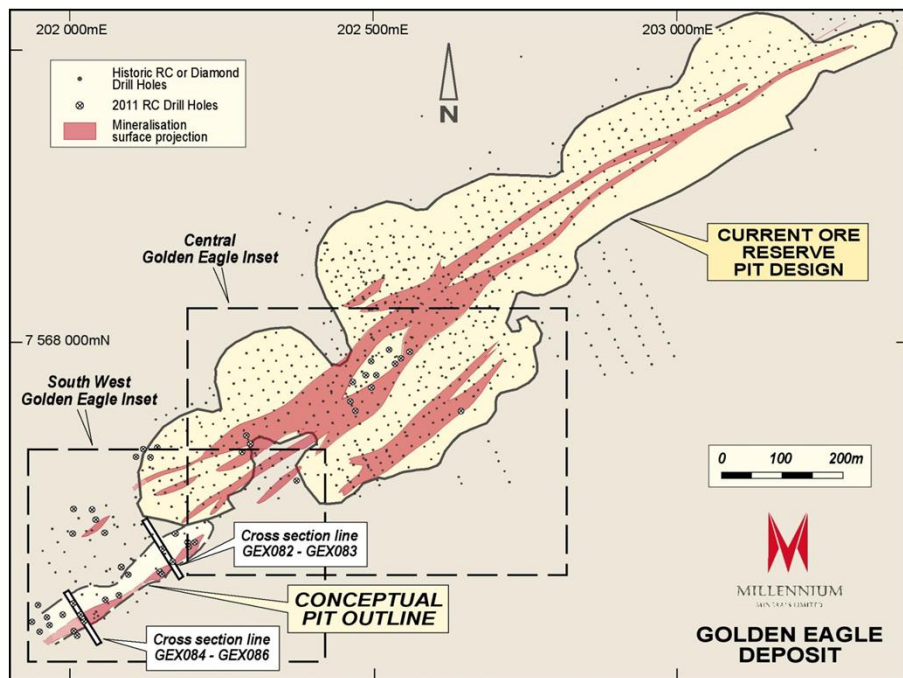




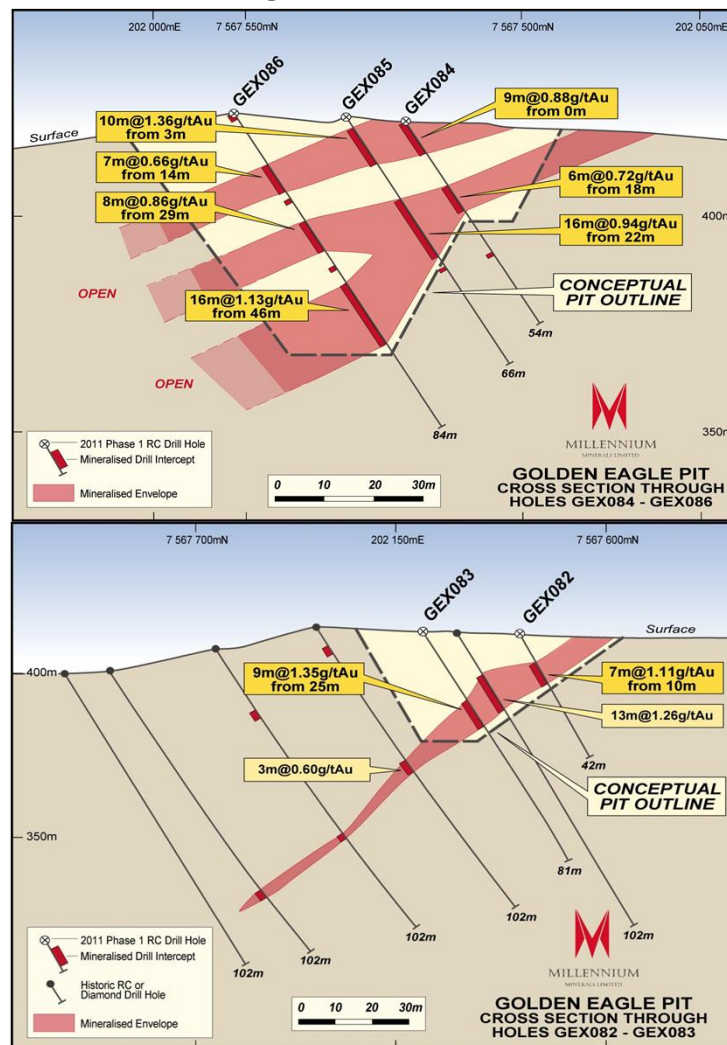
Golden Eagle . SW Extension 2011 Drilling

For personal use only

Golden Eagle SW - Plan

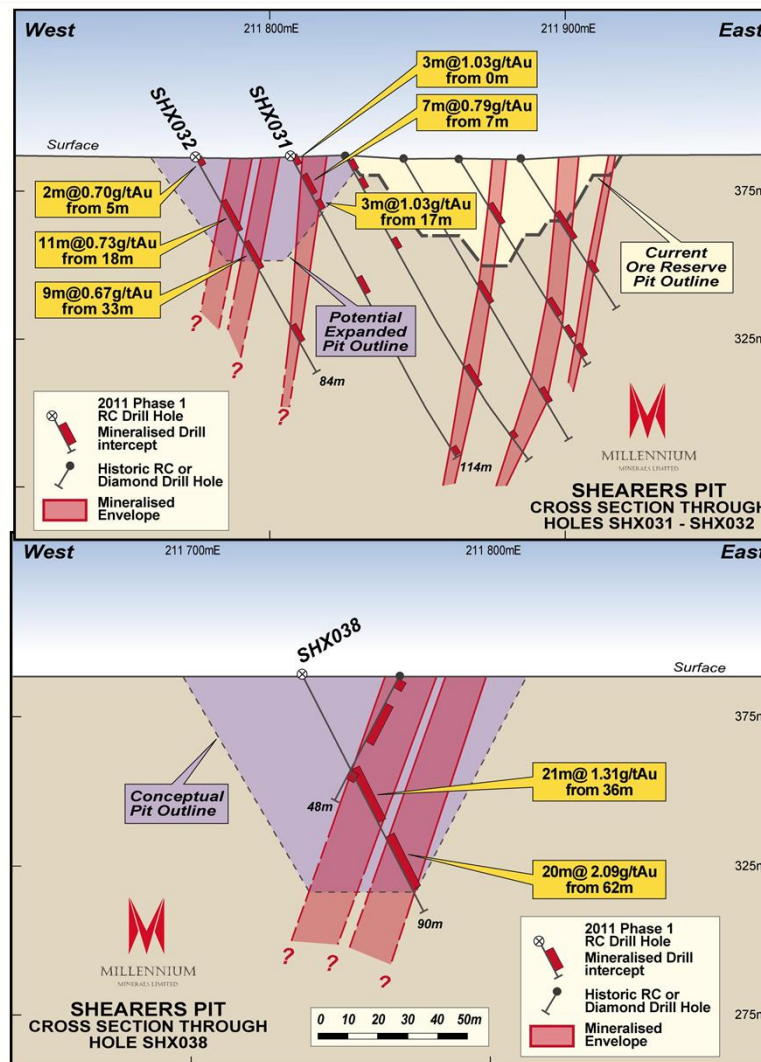
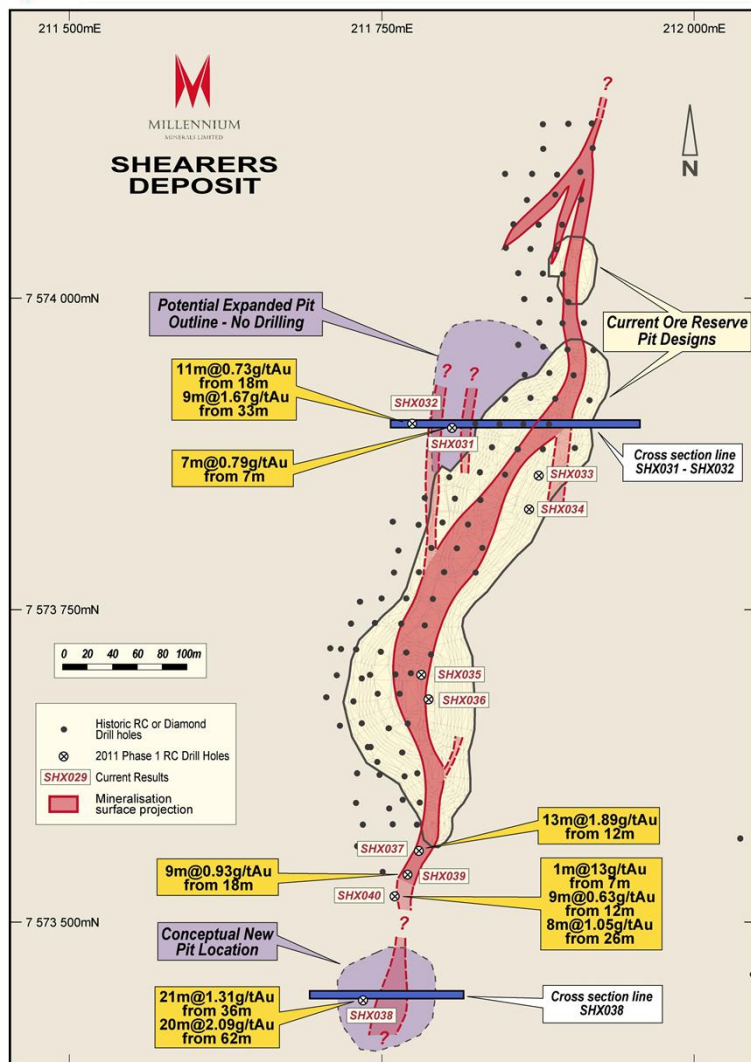


Golden Eagle SW - Sections





Shearers Deposit . Plan View



Drilling shows potential to combine southern pits, design depth extensions below pit floor and open up new pit to the North

For personal use only





Project Strengths

- BFS completed, detailed engineering advanced
- Syndicated Debt Finance facility (\$35M) signed with BNP and NAB
- \$10M Finance Lease facility arranged with National Australia Bank
- Rights Issue raised \$23.2M
- Essential approvals and mining licence in place
- Native Title concluded
- Robust project with exploration upside
- MOY undervalued relative to Peer Group



Golden Eagle Deposit





Corporate Information

Capital Structure:

- *Shares on issue – 1,499,895,643*
- *Options – 65,072,568*
- *Fully Diluted – 1,564,968,211*

Market Capitalisation:

- *Undiluted – \$52 m*
- *Fully Diluted – \$55 m*

Major Shareholders:

- *Merrill Lynch Nominees 18.6%*
- *LinQ Resources Fund 16.0%*
- *JP Morgan Nominees 11.3%*
- *National Nominees 4.9%*

Cash:

- *At 30 April, 2011 \$21.2M*

Board of Directors:

- **Peter Rowe**
Chairman
- **Richard Procter**
Director
- **Ross Gillon**
Director
- **Simon Durack**
Director

Management:

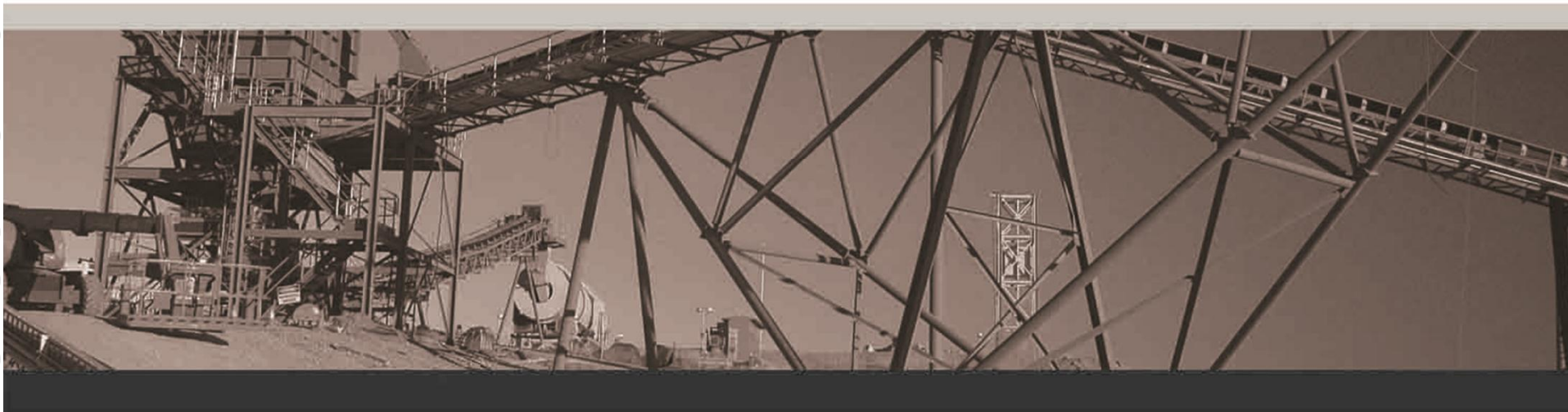
- **Brian Rear**
Chief Executive Officer
- **Simon Pooley**
GM Operations
- **Paul O'Connor**
Site General Manager
- **Pierre Malherbe**
Company Secretary
- **Gary Fernandez**
CFO



For personal use only



MILLENNIUM
MINERALS LIMITED



AGM UPDATE
MAY 2011



Mineral Resource

Deposit	Cut-off Grade g/t Au	Measured		Indicated		Inferred		Total		Ounces Au
		Mt	Grade g/t Au	Mt	Grade g/t Au	Mt	Grade g/t Au	Mt	Grade g/t Au	
Golden Eagle	0.5	14.84	1.06	5.44	0.93	4.64	0.92	24.91	1.01	805,600
Shearers	0.5	0.26	1.4	1.43	1.2	0.04	1.1	1.73	1.2	67,700
Bartons	0.5	1.33	1.47	0.85	1.48	0.37	1.7	2.55	1.51	125,000
All Nations	0.5	1.11	1.3	0.19	1.04	0.14	1.1	1.45	1.25	58,000
Golden Gate (ABCD Reef)	0.5			0.58	3.24	0.11	2.6	0.68	3.12	69,000
Golden Gate Satellites	0.5			0.33	3	0.13	3.4	0.46	3.1	45,000
Otways	0.5			1.14	0.85	0.91	0.79	2.05	0.82	54,000
Little Wonder	0.5			0.45	1.22	-	-	0.45	1.22	17,300
Totals	0.5	17.54	1.11	10.41	1.21	6.33	1.03	34.28	1.13	1,241,600

Notes:

- 1 Figures in Table may not sum due to rounding.
- 2 The Golden Eagle, Shearers, Otways, Little Wonder and Golden Gate satellite deposits namely Falcon, Harrier, Crow, G-Reef and Condor were estimated using Ordinary Kriging methodology for grade estimation by CSA Global.
- 3 The Mineral Resources at Bartons, All Nations and Golden Gate (ABCD reef) were estimated using Multiple Indicator Kriging methodology for grade estimation by Hellman and Schofield Pty Ltd.
- 4 The Golden Gate and Bartons deposits are the subject of a mining licence agreement whereby Millennium has the sole and exclusive right to explore and mine gold and other minerals. Millennium then is required to pay 25% of the net proceeds to the tenement owners (Livestock Marketing Pty Ltd, Duncan Thomas Young, Simba Holdings Pty Ltd and Ronald Lane Swinney) after mining and processing cost deductions.

For personal use only





Ore Reserve

Millennium Minerals Limited - Nullagine Project Reserves Nov 2010³

Prospect	Proved		Probable		Total		
	Ore (t)	Grade (g/t)	Ore (t)	Grade (g/t)	Ore (t)	Grade (g/t)	Ounces
Golden Eagle	6,422,000	1.6	740,000	1.4	7,162,000	1.5	356,000
Bartons	874,000	1.8	450,000	1.9	1,324,000	1.8	78,000
All Nations	484,000	1.7	15,000	1.7	499,000	1.7	27,000
Golden Gate	336,000	3.6	81,000	3.8	417,000	3.7	49,000
Shearers	161,000	1.6	169,000	1.5	330,000	1.5	16,000
Otways	-	-	308,000	1	308,000	1	10,000
Little Wonder	-	-	195,000	1.2	195,000	1.2	8,000
Falcon ²	-	-	77,000	3.9	77,000	3.9	10,000
Condor ²	-	-	73,000	3.1	73,000	3.1	7,000
Harrier ²	-	-	41,000	2	41,000	2	2,500
Crow ²	-	-	20,000	4.1	20,000	4.1	3,000
GReef ²	-	-	8,000	2	8,000	2	500
Total	8,277,000	1.7	2,177,000	1.7	10,454,000	1.7	568,000

Notes:

Numbers may not sum due to rounding.

These deposits are collectively known as the Golden Gate Satellite deposits.

The Ore Reserves stated in this table are included in the Mineral Resource Estimates





Competent Persons Statements

Competent Persons Statements – Exploration Results

Mr I Hay (MAIG), a geologist employed full-time by Millennium Minerals Limited, compiled the technical aspects of this report. Mr Hay is a member of the Australian Institute of Geoscientists and has sufficient experience that is relevant to this style of mineralization and type of deposit under consideration and to the activity that is being reported on to qualify as a Competent Person as defined in the 2004 edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr Hay consents to the inclusion in the report of the matters in the form and context in which it appears.

Competent Persons Statements – Mineral Resources

*The information in this Report which relates to the **Golden Eagle Mineral Resource estimate** accurately reflects information prepared by competent persons (as defined by the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves). The Golden Eagle deposit Mineral Resource estimate has been compiled and prepared by Dr Bielin Shi, (MAusIMM) of CSA Global Pty. Ltd. who is a Competent Person as defined by the Australasian Code for the reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code) 2004 Edition and who consents to the inclusion in this report of the matters based on the information in the form and context in which it appears.*

*The information in this Report which relates to the **Shearers Mineral Resource estimate** accurately reflects information prepared by competent persons (as defined by the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves). The Shearers deposit Mineral Resource estimate has been compiled and prepared by Mr. David Williams (MAusIMM, MAIG) of CSA Global Pty. Ltd. who is a Competent Person as defined by the Australasian Code for the reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code) 2004 Edition and who consents to the inclusion in this report of the matters based on the information in the form and context in which it appears.*

*The information in this Report which relates to the **Otways Mineral Resource** estimate accurately reflects information prepared by competent persons (as defined by the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves). The Otways deposit Mineral Resource estimate has been compiled and prepared by Mr. Shane Fieldgate (MAusIMM, MAIG) of CSA Global Pty. Ltd. who is a Competent Person as defined by the Australasian Code for the reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code) 2004 Edition and who consents to the inclusion in this report of the matters based on the information in the form and context in which it appears.*

*The information in this Report which relates to the **Little Wonder and Golden Gate Satellite Mineral Resource estimates** accurately reflects information prepared by competent persons (as defined by the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves). The Little Wonder and Golden Gate satellite deposits Mineral Resource estimate has been compiled and prepared by Steven Hodgson, (MAIG) of CSA Global Pty. Ltd. who is a Competent Person as defined by the Australasian Code for the reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code) 2004 Edition and who consents to the inclusion in this report of the matters based on the information in the form and context in which it appears.*

*The information in this Report which relates to the **Bartons, All Nations and Golden Gate ABCD reef Mineral Resource estimates** accurately reflects information prepared by competent persons (as defined by the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves). The reported Mineral Resource as it relates to Bartons, All Nations, and Golden Gate ABCD reef has been compiled by Mr Nic Johnson. Mr Johnson is a Member of the Australian Institute of Geoscientists and an employee of Hellman & Schofield Pty Ltd. He has sufficient experience, relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking, to qualify as a Competent Person as defined in the ‘Australasian Code for Reporting of Mineral Resources and Ore Reserves’ of December 2004 (“JORC Code”) as prepared by the Joint Ore Reserves Committee of the Australasian Institute of Mining and Metallurgy, the Australian Institute of Geoscientists and the Minerals Council of Australia. The Competent Persons listed consent to the inclusion in the report of the matters based on their information in the form and context in which it appears.*

Competent Persons Statements – Ore Reserves

The information in this Report, which relates to the Ore Reserve estimates accurately reflect information prepared by competent persons (as defined by the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves). The information in this public statement that relates to the Ore Reserves at the Millennium Minerals Nullagine Project is based on information compiled by Mr Steve Lampron and Mr. Daniel Tuffin. Mr. Daniel Tuffin of Auralia Mining Consulting completed the Ore Reserve estimate. Mr Daniel Tuffin is a Member of the Australasian Institute of Mining and Metallurgy (#228649) and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that they are undertaking to qualify him as a Competent Person as defined in accordance with the Australasian Joint Ore Reserves Committee (JORC).

