



MILLENNIUM

MINERALS LIMITED

ABN 85 003 257 556

Nullagine Gold Project

Commissioning Update – operating in steady state at design

Commissioning of the gold process plant and associated infrastructure has accelerated and is nearing completion with only minor construction tasks remaining. The SAG Mill commenced hot commissioning on ore on the 15th of September 2012 and is now operating in steady state at design capacity. Completion of construction has been on time and is forecast to be in line with the \$87M capital budget.



CV2 to Mill – Crushed Ore and Lime to Mill. Crushed Ore Stockpile-Background

Development Progress Summary: September 2012

Over the last week, progress on the final piping, electrical and instrumentation elements of the plant and supporting infrastructure was such that pre-commissioning and dry commissioning has been completed throughout the facility. Commissioning processes in and around the SAG mill commenced 4th September 2012. Start of ore processing commenced 8th September with ore feed to the primary crusher and establishment of the crushed ore stockpile. Final reagent supplies of cyanide, gas and lime were received early in the week. First ore was fed into the SAG mill over the weekend and was progressively loaded up with ore and grinding media over the last few days. Allowing for the build-up of gold in circuit stocks, first gold is expected to be poured late September 2012.



Hydrostatic Testing of the Tailings Thickener

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Crushed Ore on CV01 to the Reclaim Stockpile

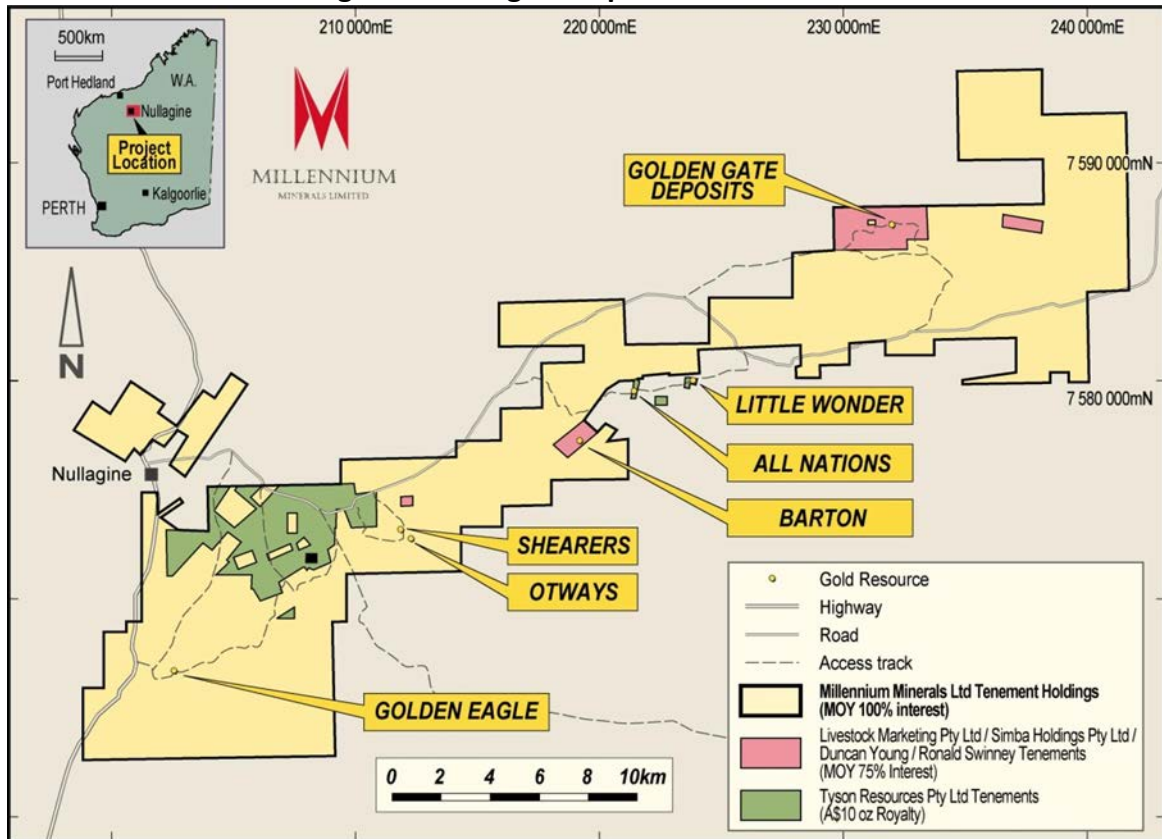


Nullagine Process Facility – Final Clean Up

BACKGROUND - NULLAGINE GOLD PROJECT

The Nullagine Gold Project (Figure 1) is a 1.33 million ounce gold resource contained within 7 deposits on granted mining leases (Table 1). The largest deposit is Golden Eagle located approximately 10 km south of the township of Nullagine and containing 62% of the total Mineral Resource inventory. Construction commenced in July 2011 with commissioning planned for completion in September and commercial gold production due in the 4th quarter of 2012.

Figure 1: Nullagine Deposit Location Plan



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Table 1. Nullagine Gold Project Mineral Resource Estimate December 2011 (0.5 g/t Au Cut off)

Deposit	Measured		Indicated		Inferred		Total		
	Mt	Grade Au (g/t)	Mt	Grade Au (g/t)	Mt	Grade Au (g/t)	Mt	Grade Au (g/t)	Ounces
Golden Eagle ²	13.61	1.23	4.44	1.03	4.2	1.06	22.27	1.16	829,000
Bartons ³	1.72	1.21	1.44	1.17	0.55	1.12	3.71	1.2	141,000
Shearers ³	0.59	1.27	1.48	1.01	0.26	1	2.33	1.1	81,000
Otways ³	1.15	0.81	0.9	0.87	0.692	0.92	2.74	0.86	75,000
All Nations ³	1.3	1.13	0.42	0.95	0.21	0.92	1.93	1.1	66,000
Little Wonder ³	0.17	1.2	0.38	1.2	0.01	1.3	0.56	1.2	22,100
Golden Gate (ABCD Reef) ⁴	-	-	0.58	3.24	0.11	2.6	0.68	3.12	69,000
Falcon ⁵	-	-	0.09	3.9	0.04	4.4	0.14	4	18,000
Condor ⁵	-	-	0.08	3.3	0.04	3.5	0.11	3.3	12,000
Harrier ⁵	-	-	0.1	1.8	0.04	1.8	0.14	1.8	8,000
Crow ⁵	-	-	0.02	4.5	0.02	4.5	0.04	4.5	5,000
G_Reef ⁵	-	-	0.03	2.1	-	-	0.03	2.1	2,000
Total	18.54	1.2	9.96	1.23	6.17	1.11	34.68	1.19	1,328,100

Notes:

- 1 Figures in Table may not sum due to rounding.
- 2 The Golden Eagle deposit was estimated using Multiple Indicator Kriging methodology for grade estimation by CSA Global.
- 3 The Bartons, Shearers, Otways, All Nations and Little Wonder were estimated using Ordinary Kriging methodology for grade estimation by CSA Global.
- 4 The Mineral Resources at Golden Gate (ABCD reef) were estimated using Multiple Indicator Kriging methodology for grade estimation by Hellman and Schofield Pty Ltd.
- 5 The Mineral Resources at Golden Gate satellite deposits, namely Falcon, Harrier, Crow, G-Reef and Condor were estimated using Ordinary Kriging methodology for grade estimation by CSA Global.
- 6 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.
- 7 Mineral Resource estimates include stated Ore Reserves.

Qualifying Statement

This release may include forward-looking statements. These forward-looking statements are based on Millennium's expectations and beliefs concerning future events. Forward-looking statements are necessarily subject to risks, uncertainties and other factors, many of which are outside the control of Millennium, which could cause actual results to differ materially from such statements. Millennium makes no undertaking to subsequently update or revise the forward-looking statements made in this release, to reflect the circumstances or events after the date of this release.

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.*

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