



ASX/MEDIA ANNOUNCEMENT

9 July 2009

Increased Resource and Reserve for Paddington

Key Points

- ▷ Reserve increased to 1.24 Moz from 1.05 Moz in June 2008
- ▷ Resource increased to 6.13 Moz from 5.02 Moz in June 2008
- ▷ Bellamel projects reassessed to Norton's reporting standards
- ▷ \$8m program over next 12 months to convert Resources into Reserves

Norton Gold Fields Limited (ASX: **NGF**), one of the largest ASX-listed domestically-owned gold producers, today released an updated Resource Statement for its Paddington mine near Kalgoorlie.

Paddington has increased its Reserves and Resources by defining 100 Mt of Resource grading 1.91 g/t for 6.13 Moz including 21 Mt of Reserve grading 1.86 g/t for 1.24 Moz.

The upgrade represents an 18 per cent increase in Reserves and a 22 per cent increase in Resources.

The Resource Statement includes 25 of the 78 projects within Paddington that have been the subject of modern exploration. Paddington's 1,250 km² of exploration ground contains over 130 known projects.

"The upgrade was another significant step forward for Norton as it ramped up production from Paddington and cemented its place as a significant WA gold producer," Managing Director, Jon Parker, said.

"The resource and reserve upgrade is the result of our dedicated development and assessment program across an expanded Paddington footprint in the Goldfields region," Mr Parker said.

"This work is delivering additional projects with higher grade than previously estimated and includes our Homestead underground project scheduled for ore delivery in December."

In late 2008, Norton added the Kalgoorlie West tenements to its portfolio as part of the acquisition of Bellamel.

Since then, Paddington has completed a re-assessment and data validation program to recalculate Bellamel Resource estimates based on Paddington resource modelling, and

incorporating strong geological domaining as well as drawing on more than 20 years' experience in developing and operating mines in the local area.

"The Navajo Chief project in the Kalgoorlie West area will be our first development from the Bellamel tenements. We have advanced it to Reserve status and it will be developed in January 2010 to provide an additional feed source for the Paddington mill as part of our ramp up schedule," Mr Parker said.

Norton remains on track to increase production towards its target of 200,000 oz per year during 2010 with the ultimate target for Paddington of 250,000 oz per year.

"To achieve this we have in place an \$8 million resource development program over the next twelve months to convert additional Resources to Reserves," Mr Parker said.

"We are focussed on extending our base-load and high grade underground projects and further strengthening the 10-year Life of Mine Plan. "

"This will include definition of additional Reserves and Resources for the Navajo Chief deposit and developing an underground pipeline incorporating Homestead, Tuart and Federal projects, as well as a number of dozer push small mining projects," Mr Parker said.

A summary of the 30 June 2009 Resource Statement and Competent Persons Statement is attached.

About Norton

Norton Gold Fields Limited is one of the largest ASX-listed domestically-owned gold producers.

Norton produces around 150,000 oz per year from its open cut operations at Paddington near Kalgoorlie in Western Australia. The current mine life is in excess of 10 years. Output is expected to increase towards 200,000 oz per year during FY2010 with the development of the Homestead underground mine now underway.

Development of the Queensland Mount Morgan Mine Project will add a further 30,000 to 35,000 oz per year gold production and has been approved by the Board subject to suitable funding. Mount Morgan can be in production within twelve months.

Completion of Homestead and Mount Morgan mines will drive total gold production to 230,000 to 250,000 oz per year and diversify production sources.

Visit us at www.nortongoldfields.com.au

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Paddington Resource Statement

30 June 2009

Paddington Resource Statement: Ore Reserve (30 June 2009)

Project	Proven			Probable			Total Reserve		
	Mt	g/t	oz	Mt	g/t	oz	Mt	g/t	oz
Havana				1.12	1.98	71,000	1.12	1.98	71,000
Enterprise				5.25	2.07	349,000	5.25	2.07	349,000
Janet Ivy				2.16	1.51	105,000	2.16	1.51	105,000
Waldon				0.76	2.19	53,000	0.76	2.19	53,000
Green Gum				1.39	2.47	110,000	1.39	2.47	110,000
Homestead				0.36	8.90	104,000	0.36	8.90	104,000
Navajo Chief				2.90	1.38	129,000	2.90	1.38	129,000
Rose West				0.24	1.97	15,000	0.24	1.97	15,000
Golden Flag				0.26	2.50	21,000	0.26	2.50	21,000
Federal				1.73	1.88	105,000	1.73	1.88	105,000
Mulgarrie				0.64	3.53	73,000	0.64	3.53	73,000
Stockpiles				3.92	0.82	103,000	3.92	0.82	103,000
Total Reserve				20.74	1.86	1,239,000	20.74	1.86	1,239,000

Paddington Resource Statement: Mineral Resource (includes Ore Reserve) (30 June 2009)

Project	Measured			Indicated			Inferred			Total Resource		
	Mt	g/t	oz	Mt	g/t	oz	Mt	g/t	oz	Mt	g/t	oz
Havana				5.35	1.87	323,000	0.28	1.77	16,000	5.64	1.87	339,000
Enterprise				10.27	2.27	749,000	5.10	1.75	287,000	15.37	2.10	1,037,000
Mulgarrie				1.05	3.22	109,000	0.44	2.72	39,000	1.49	3.07	147,000
Federal				3.74	1.92	231,000	2.99	2.10	202,000	6.73	2.00	433,000
Golden Flag				0.43	2.10	29,000	0.33	1.92	20,000	0.76	2.02	49,000
Mt Pleasant				2.81	2.42	219,000	8.47	2.95	803,000	11.27	2.82	1,021,000
Rose West				0.46	1.80	27,000	0.03	1.81	2,000	0.50	1.80	29,000
Natal							0.38	2.46	30,000	0.38	2.46	30,000
Janet Ivy				5.02	1.41	228,000	2.36	1.49	113,000	7.38	1.44	341,000
BLC	0.24	1.30	10,000	6.49	1.35	282,000	3.80	1.27	155,000	10.52	1.32	447,000
Robinsons				1.35	1.64	71,000	0.45	1.18	17,000	1.80	1.52	88,000
Waldon				1.12	2.31	84,000	0.35	2.57	29,000	1.47	2.37	112,000
Jakarta				1.77	1.15	65,000	0.42	1.02	14,000	2.19	1.13	79,000
Green Gum				2.29	2.56	188,000	0.23	4.79	35,000	2.52	2.76	224,000
Homestead UG				0.42	14.00	188,000				0.42	14.00	188,000
Tuart UG				0.44	5.29	75,000	0.34	6.80	74,000	0.78	5.95	150,000
Lady Bountiful Extension							4.20	1.41	190,000	4.20	1.41	190,000
Fort William				0.23	2.20	16,000	1.78	1.26	72,000	2.00	1.37	88,000
Navajo Chief				4.16	1.46	195,000	4.10	1.30	171,000	8.25	1.38	366,000
Apache							0.63	1.67	34,000	0.63	1.67	34,000
Ben Hur (1,2,3)				3.60	1.20	139,000	5.68	2.08	381,000	9.29	1.74	520,000
Pitman South							0.10	2.20	7,000	0.10	2.20	7,000
Walsh							0.22	1.69	12,000	0.22	1.69	12,000
Walsh North							0.20	1.85	12,000	0.20	1.85	12,000
Liberty West							0.54	1.94	34,000	0.54	1.94	34,000
Stockpiles				3.92	0.82	104,000	1.40	1.09	49,000	5.32	0.89	153,000
Total Mineral Resource	0.24	1.30	10,000	54.94	1.88	3,321,200	44.82	1.94	2,799,000	100.00	1.91	6,129,000

Competent Persons Statement

The information in this report that relates to Mineral Resources is based on information compiled by Andrew Bewsher and Peter Ruzicka. The information in this report that relates to Mineral Reserves is compiled by Ian Paynter. In some instances material relating to historical resource models material is reported, these models have been reviewed and validated by Peter Ruzicka.

Andrew Bewsher is a member of the Australian Institute of Geoscientists and a full-time employee of BM Geological Services PL, a consulting group to Norton Gold Fields Limited. Peter Ruzicka and Ian Paynter are members of the Australian Institute of Mining and Metallurgy and full-time employees of Norton Gold Fields Limited.

Messrs. Bewsher, Ruzicka and Paynter all have sufficient experience relevant to the styles of mineralisation and types of deposits which are covered in this report, and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2004 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Andrew Bewsher, Peter Ruzicka and Ian Paynter all consent to the inclusion in this report of matters based on their information in the form and context in which it appears.