
February 7th, 2011

# Noble recruits senior resources executive in preparation for start of production at Bibiani

Noble Mineral Resources (ASX: NMG) has taken another significant key step towards becoming a 150,000 ounce-a-year gold producer with the appointment of senior resources executive Peter Johnston as Chief Operating Officer.

Mr Johnston, who has held similar positions with leading companies such as Goldfields, Red Back Mining, Range River Gold and Minera, will play a leading role in the development of the Company's Bibiani Gold Project in Ghana.

Mr Johnston, who is a qualified metallurgist with extensive project management experience in Australia, West Africa and South America, will also help drive Noble's aggressive exploration program at Bibiani. Recent drilling has produced a host of spectacular high-grade results of up to 197gpt from around existing satellite deposits at Bibiani, highlighting the potential for a significant increase in resources. The results from the ongoing drilling program point to the possibility of these deposits being mined as one large open pit in close proximity to the processing facility.

Bibiani, which has resources of 1.98Moz, including 605,000oz as reserves, is on track to commence pre-commissioning of the 2.7mtpa processing facility in May-June, with the planned gold production scheduled to commence soon after. Production is forecast to ramp up to 150,000oz-plus a year from 2012 onwards.

Noble Managing Director Wayne Norris said Mr Johnston would bring a wealth of knowledge and experience to the Company as it prepared to join the ranks of substantial mid-tier gold miners in West Africa.

"We are delighted to have secured the services of someone of Peter's calibre," Mr Norris said. "Peter's skills and familiarity with Ghana gold operations will be invaluable as we commission the Bibiani processing plant. With an aggressive drilling program underway, coupled with the excellent results, we look forward to adding significant ounces to our current resources and reserves."

**Authorised by:**

**Wayne Norris**
***Managing Director***

**Noble Mineral Resources LTD**
15 Bowman Street
South Perth, WA 6151

Telephone **+61 8 9474 6771**
Facsimile **+61 8 9474 6772**

Email **admin@nobleminres.com.au**
Web **www.nobleminres.com.au**

### Competent Person's Statement

The information in this announcement that relates to Mineral Resource and Ore Reserve estimates is based on information compiled by Mr Phillip Schiemer (BSc (Hons), Geology and Geophysics), who is a Corporate Member of the Australasian Institute of Mining and Metallurgy and a member of the Australian Institute of Geoscientists. Mr Schiemer is employed by Noble Mineral Resources Ltd, and has sufficient experience which is relevant to the style of mineralisation being reported herein as Mineral Resources, Ore Reserves and Exploration Results 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' (JORC Code). Mr Schiemer consents to the inclusion in this announcement of the matters based on his information in the form and content in which it appears.

### *About Noble Mineral Resources Limited*

**Noble Mineral Resources Limited** is an ASX-listed company (ASX Code: NMG) that is exploring for and developing large-scale gold deposits in the world-class goldfields of Ghana, West Africa. Production is set to commence at the Company's flagship Bibiani Gold Project during the second quarter of 2011, ramping up to a stable production rate of +150,000ozpa by 2012 and propelling Noble into the ranks of West Africa's mid-tier gold producers.

The Bibiani Project is located in the Sefwi-Bibiani Gold Belt in Ghana, which boasts a total gold endowment of more than 30 million ounces and hosts the world-class Ahafo (16Moz) and Chirano (5Moz) gold mines. **The Bibiani Project** has a current JORC-compliant mineral inventory of 1.98Moz of resources, including 605,000oz of reserves, and a 2.7Mtpa Carbon-in-Leach (CIL) Gold Processing Facility. The Project has a 10-year mine life based on current mining parameters.

An aggressive exploration program is also underway to add substantially to the existing resource base at Bibiani, with recent drilling returning spectacular high-grade results from near mine targets.

In addition to the Bibiani Project, Noble holds the **Cape Three Points and Tumentu** Gold Projects, both located within the southern extension of the Ashanti Gold Belt.

**ASX Code: NMG**

**www.nobleminres.com.au**

*Appendix 1 – Proved and Probable Ore Reserves as at March 2010*

| Bibiani Open Pit Detailed Design Cutback Proved and Probable Ore Reserves – March 2010 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Oxide | | | Fresh | | | Fill | | | Total | | |
| | Tonnes | Grade | Ounces | Tonnes | Grade | Ounces | Tonnes | Grade | Ounces | Tonnes | Grade | Ounces |
| | Mt | G/t | Mozs | Mt | G/t | Mozs | Mt | G/t | Mozs | Mt | G/t | Mozs |
| Proved | - | - | - | 3.45 | 2.29 | 0.254 | - | - | - | 3.454 | 2.29 | 0.254 |
| Probable | 0.30 | 1.45 | 0.014 | 4.40 | 2.28 | 0.323 | 0.25 | 1.79 | 0.014 | 4.946 | 2.21 | 0.351 |
| Total | 0.30 | 1.45 | 0.014 | 7.85 | 2.28 | 0.577 | 0.25 | 1.79 | 0.014 | **8.400** | **2.24** | **0.605** |
| *Derived from Measured and Indicated Mineral Resources using a cut-off grade of 0.7g/t* | | | | | | | | | | | | |

*Appendix 2 – March 2010 JORC Mineral Resource Estimate*

| | TONNAGE Tonnes (M) | GRADE (Au g/t) | METAL (tonnes Au) | CONT'D GOLD Ounces (M) |
|---|---|---|---|---|
| **Measured** | 6.56 | 2.05 | 13.44 | 0.43 |
| **Indicated** | 13.37 | 1.77 | 23.66 | 0.76 |
| **Inferred** | 13.06 | 1.89 | 24.61 | 0.79 |
| **Total** | **32.98** | **1.87** | **61.7** | **1.98** |

**Noble Mineral Resources LTD**
15 Bowman Street
South Perth, WA 6151

Telephone **+61 8 9474 6771**
Facsimile **+61 8 9474 6772**

Email **admin@nobleminres.com.au**
Web **www.nobleminres.com.au**