West Africa’s Next Mid-Tier Gold Producer

Earth Resources Conference Hong Kong– June 2011

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A Corporate Snapshot

Issued Capital

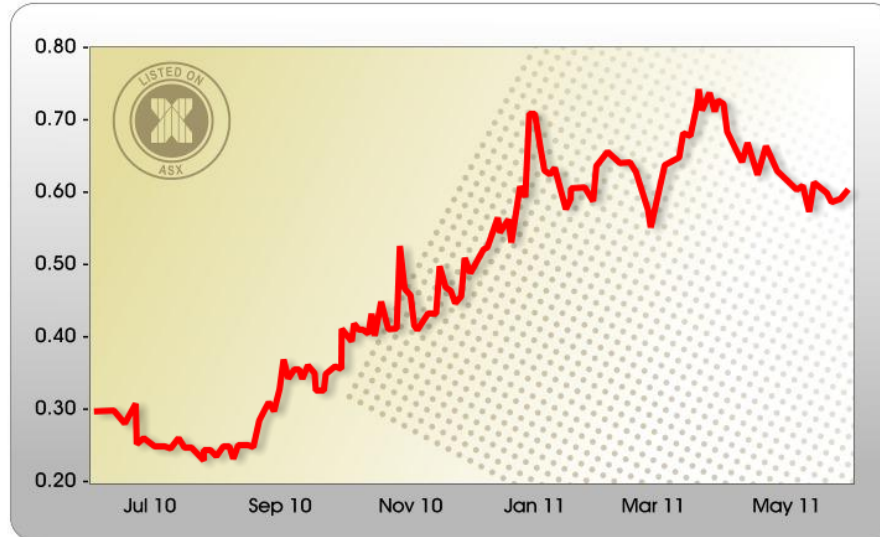
Ordinary shares	391.07m
Unlisted Options	10.25m
Loyalty Options (exp 21st July 11' @ 30c)	74.43m
Loyalty Options (exp 21st July 13' @ 35c)	74.43m

Share Price	58¢ (May '11)
12 Month High/Low	77¢ / 22.5¢
Market Capitalisation	~ $230m

Directors

- Mr Tunku Naquiyuddin - *Non-Executive Chairman*
- Mr Wayne David Norris - *Managing Director*
- Mr Brian Thomas - Non-Executive Director
- Mr Duncan Coutts – Non-Executive Director
- Mr Anthony Ho - Company Secretary

as at 17 June 2011



Top 20 Shareholders:

Global Gold Limited	14.1%
Wei An Developments Ltd	14.1%
Mr Wayne David Norris	11%
Matthews Capital Partners	8.4%
UBS (Custodian)	3.9%
Remainder Top 20	20.7%
Top 20	73.2%
Remainder Shareholders	26.8%

as at 17 June 2011

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Noble Mineral Resources

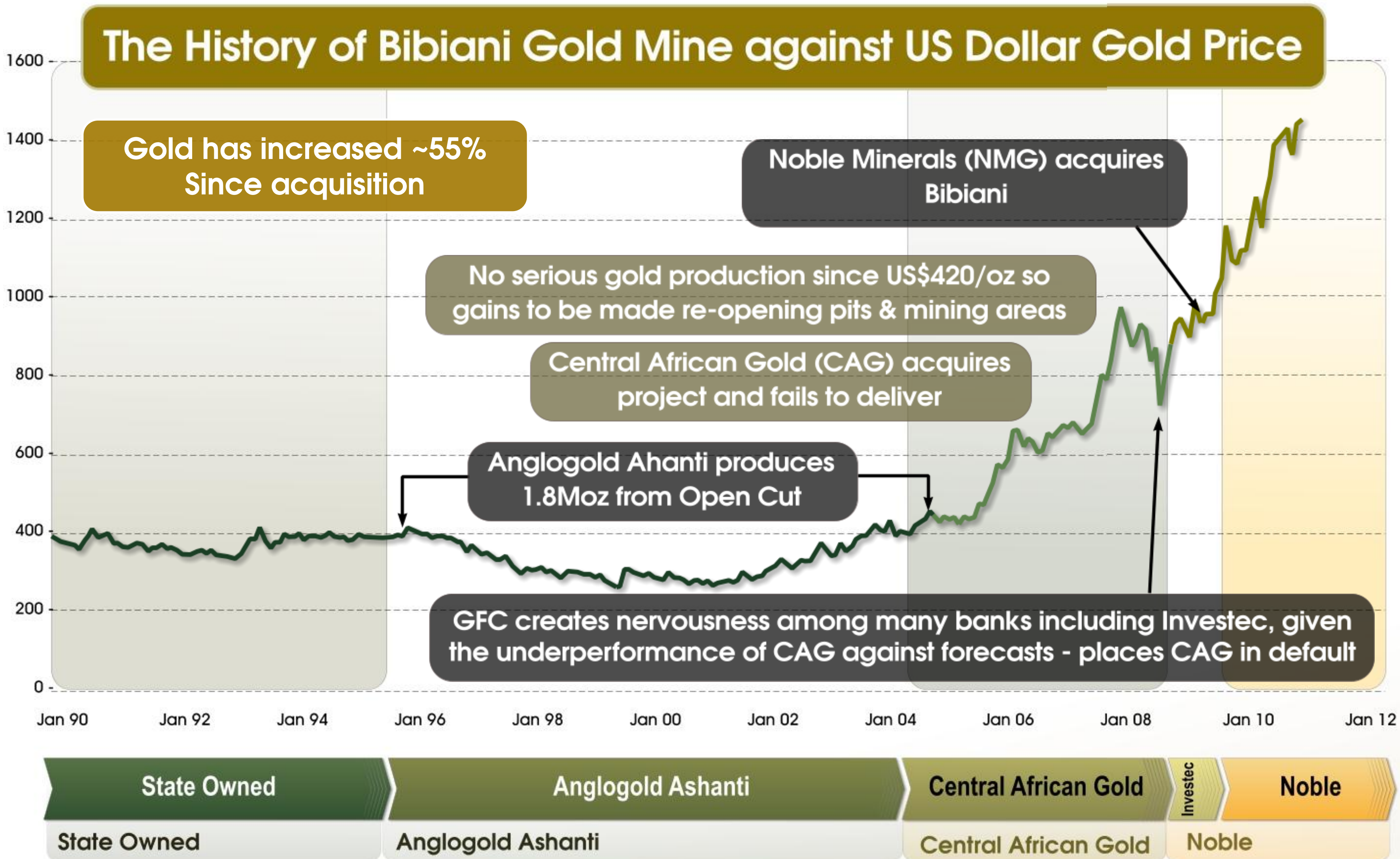
- Listed on the ASX in June 2008 (ASX: NMG)
  - *Cape Three Points (CTP) and*
  - *Tumentu assets in Ghana*
- Completed acquisition of the Bibiani Gold Mine in July 2010
  - *Historic gold production of over 4M oz*
  - *Existing infrastructure and mining fleet*
  - *2.7Mtpa CIL Gold Processing Facility*
  - *2m oz resource and 605k oz reserves*
  - *Significant near mine exploration and resource upgrade potential*
  - *Produced + 200,000 oz pa from 1997 to 2005 (Angolgold Ashanti)*

"Noble will become the next mid tier gold producer in West Africa within the next 6 months"

Bibiani: The Pick of the Post Codes

- Located in Ghana on the world-class Sefwi - Bibiani gold belt
- World class post code
  - *Ahafo - 16m oz*
  - *Along strike from Chirano – 5m oz*
- Well serviced by infrastructure within close proximity to suppliers and contractors
- Residential work force
  - *Bibiani Township close to the operations*
  - *No operational FIFO*
- Well serviced by the Tarkwa School of Mines
  - *Pipeline of highly trained and skilled mining professionals*

Last Substantial Production @ US$400/oz



Corporate Strategy

- Refurbish and upgrade existing 2.7mtpa gold processing plant
- Commissioning to commence in Q3 CY2011
- Development of existing open cut mines
- Build sustained production profile of +150,000 ozs Au per annum by 2012
- Unlock exploration potential at Bibiani, Cape Three Points and Tumentu
- Continue to add value to existing portfolio of exploration assets

Mine Planning – The path to production

Block Model

- Conduct gap analysis on SEMS scoping study block model
- Correct erroneous blocks, SG estimates, waste rock classifications
- Update block model with the validated drillhole database and new exploration drill data

Pit Optimisations

- Run open pit optimisation scenarios
- Cut-off grade study
- Gold price sensitivities
- Cost parameters comparison – owner-operator vs contractor cost profiles
- Cost sensitivity analysis
- Optimised pit shell generation

Open Pit Cut-Back Design

- Detailed open pit cut-back design
- LOM mine sequencing
- Grade finessing and leveling across LOM
- Open pit geotechnical review
- Integration of geotechnical engineering to cut-back design
- Issue final cutback design

Detailed LOM Scheduling

- Detailed LOM plan and schedules – ore, waste, and selective grade blend selection
- Infrastructure relocation milestones
- Fleet requirements and schedules
- Mill feed strategy solutions
- Feedback loop to cut-back design
- 'Ready to mine' plan and LOM schedule
- LOM schedule feed into LOM financial model, NPV analysis and sensitivities

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Mine Planning: Approvals & Infrastructure

Approvals

- EPA
- Mining including
  - Open Pit and underground
  - Waste dump
  - Tailings Dam
- Water permits
- Explosives licenses

- EMP and/or EIS to incorporate new LOM plan and schedule
- Water usage and explosive magazine requirements and locations to be determined
- Tailings dam design and construction approval
- Waste dump design and location to be determined

Mine Equipment Procurement

- LOM detailed scheduling to determine recommended mining fleet detail
- Fleet selection analysis
- Owner operator vs contractor mining study

- Equipment lead-time schedule analysis
- Net present cost evalutaion of proposed fleet
- Procurement process
- Permitting process

Infrastructure Relocation

- Workshop relocation works
- Township relocation works
- Road diversion works
- Camp housing relocation works

- Integrate infrastructure planning into detailed LOM schedule
- Optimise open pit cut-back schedule around works requirements and timing
- Infrastructure relocation cost analysis
- Net present cost evaluation and project formulation

Exploration

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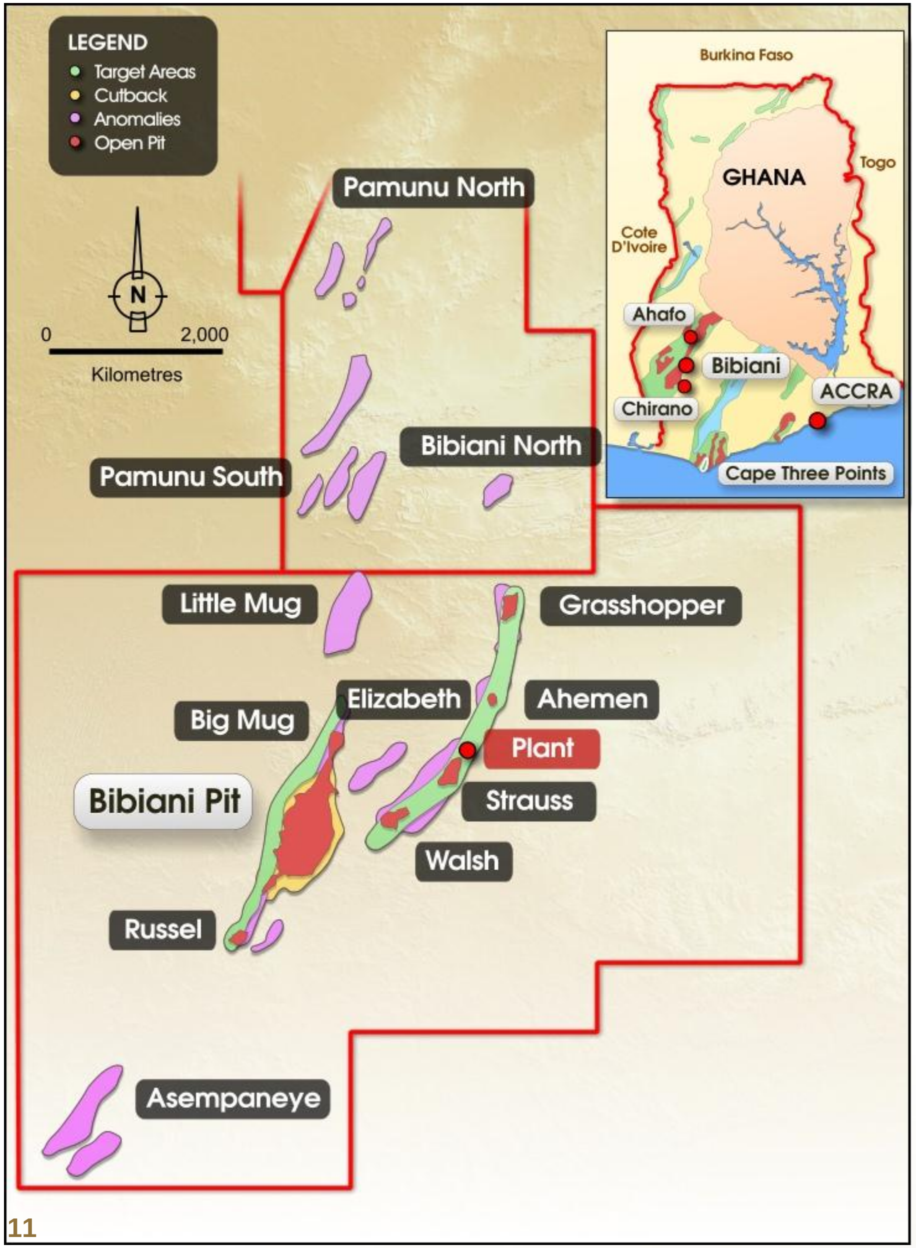
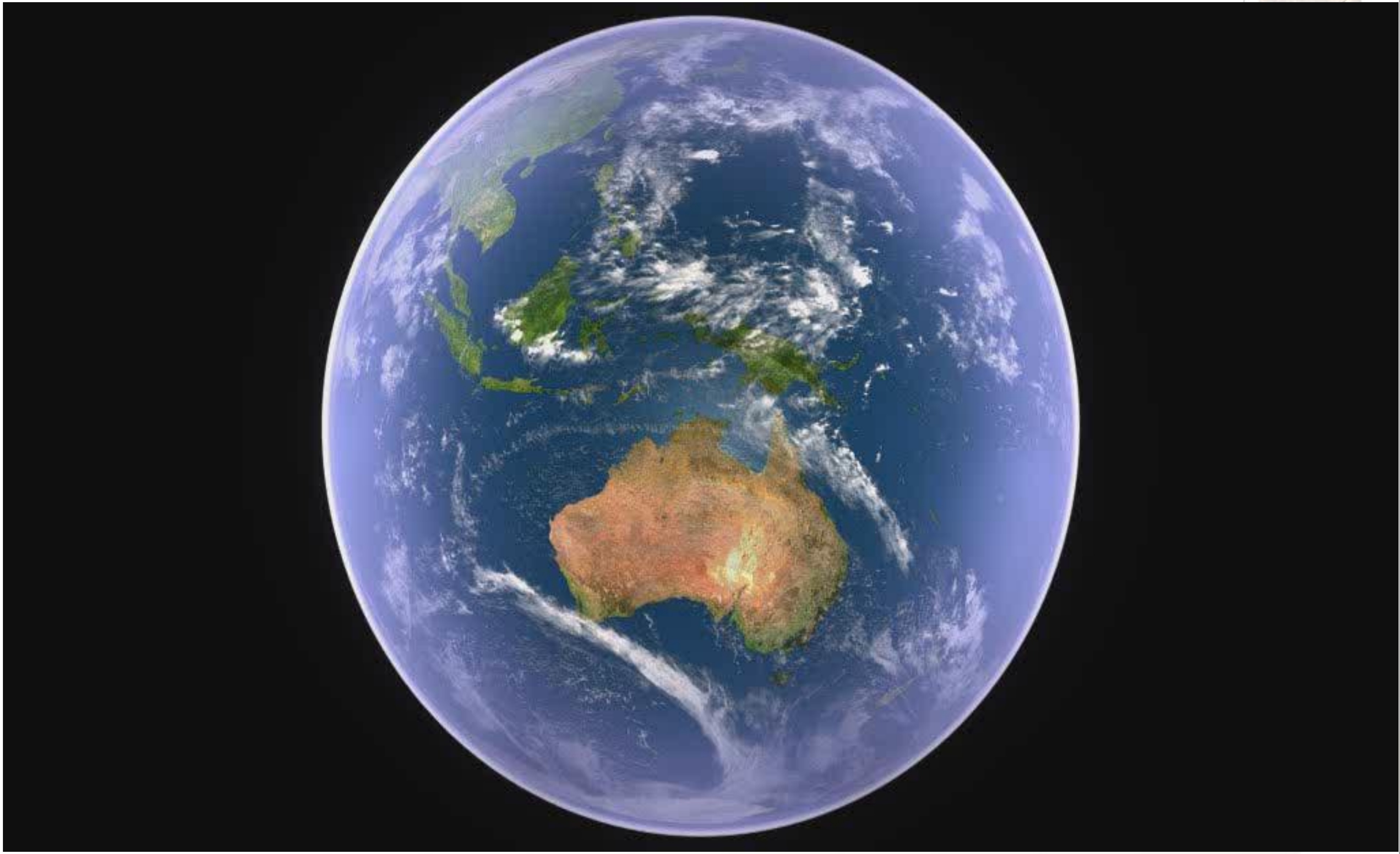
Bibiani Regional Potential



- 105.6km² tenement package hosts high priority exploration targets outside current resource model
- Purchased 2 new track mounted multi purpose exploration drill rigs, 2 further rigs on order bring drilling capacity to 5 rigs by July '11
  - *Initial focus on Open Cut potential and evolving mine plan*
- Underground drilling commenced into the base of planned cut back to the Main pit
- Extend Main, Walsh, Strauss, Ahemen, Grasshopper and Russell pits – Results to date include:
  - *1m @ 84.15g/t Au*
  - *17m @ 17.42g/t Au – including 6m @ 45.46g/t Au*
  - *33m @ 4.98g/t Au – including 7m @ 13.11g/t Au*
  - *5m @ 6.24g/t Au*
  - *7m @ 2.24g/t Au*
  - *21m @ 1.26g/t – including 3m @ 2.75g/t Au*

Bibiani: The Pick of the Post Codes



CTP / Brotet – Exploration Upside

- Significant exploration portfolio at Cape Three Points
- Satin and Morrison prospects demonstrate potential for significant new gold discoveries:
  - *4m @ 16.91 g/t Au*
  - *1m @ 40.06 g/t Au*
  - *19m @ 2.67g/t Au (incl 2m @18.65 g/t Au)*
  - *1m @ 21.3 g/t Au*
  - *17m @ 2.10 g/t Au (incl 2m @ 7.36 g/t Au)*
- Satin North hosts a 3.2km mineralised structure with minimal drilling despite significant artisanal gold mining
- Parallel Morrison Trend now delineated over 2km via recent soil sampling - drilling to commence shortly.

Noble Mineral Resources

- A resource of 1.98moz ……
- A reserve of 605,000oz ……
- Refurbishment of 2.7Mtpa plant funded and underway ……
- All approval requests granted so far ……
- Request for final approval lodged ……
- Team of key technical people rapidly being assembled ……
- Set for commissioning in Q3 2011, ramping up to 150,000oz a year ……
- Immense exploration upside on 193sqkm of tenements ……

Summary – Why Invest?

- Bibiani is a quality, proven gold producer with 2Moz in resources and all of the infrastructure needed to get back into production
- Bibiani is well located within a world class gold producing region, along the Sefwi - Bibiani gold province in close proximity to Newmont Ahafo 16.0Moz project and directly along strike north of Redback Mining's 5.0Moz Chirano project
- Will catapult Noble into the ranks of substantial (150,000+ oz pa) producers, with commissioning during 3Q CY 2011
- The extensive production history of the Bibiani project has provided a wealth of metallurgical and mining information
- Significant exploration potential exists for the continued growth of reserves and resources, both at Bibiani and Cape Three Points

Competent Person Statement

- The information in this presentation relating to exploration data and resource estimates has been reviewed by Mr Phillip Schiemer (BSc (Hons) Geology, Geophysics), who is a Corporate Member of both the Aus IMM and the AIG. Mr Schiemer has sufficient experience which is relevant to the mineralisation and deposit types that are under consideration to qualify as a Competent Person as defined by the 2004 edition of the “Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves” (the JORC Code). Mr Schiemer consents to the inclusion in this presentation of the matters based upon his review in the form and content in which it appears

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Mineral Resource and Reserves

Bibiani Mineral Resource (March 2010)			
	Tonnes	Grade	Contained Gold
	Mt	Au (g/t)	Ounces
Measured	6,560,000	2.05	430,000
Indicated	13,370,000	1.77	760,000
Total M&I	19,920,000	1.86	1,190,000
Inferred	13,060,000	1.89	790,000
Total	**32,980,000**	**1.87**	**1,980,000**
Global Mineral Resource Estimate based on a cut off grade of 0.5g/t			

Bibiani Open Pit Detailed Proved and Probable Ore Reserves – March 2010			
	Tonnes	Grade	Ounces
	Mt	G/t	Mozs
Proved	3.454	2.29	0.254
Probable	4.946	2.21	0.351
Total	**8.400**	**2.24**	**0.605**
Derived from Measured and Indicated Mineral Resources using a cut-off grade of 0.7g/t			