predictive discovery
LIMITED

Investor Roadshow
May 2014

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Competent Person Statement

The information in this report that relates to Exploration Results is based on information compiled by Mr Paul Roberts who is a Fellow of the Australian Institute of Geoscientists. Mr Paul Roberts is a full time employee of the company and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined by the 2012 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Mr Roberts consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Summary

Objective: High grade gold in West Africa
Bongou the focus: • High grade, thick, consistent, open at depth • Good initial metallurgy • Excellent along strike potential
Large, strategic ground positions in Burkina and Cote D'Ivoire
Next steps: • Along strike exploration at Bongou – geochemical drilling and trenching followed by RC drilling
Fully funded for current work program
Enterprise value of less than $2m, highly leveraged to new gold discoveries in West Africa

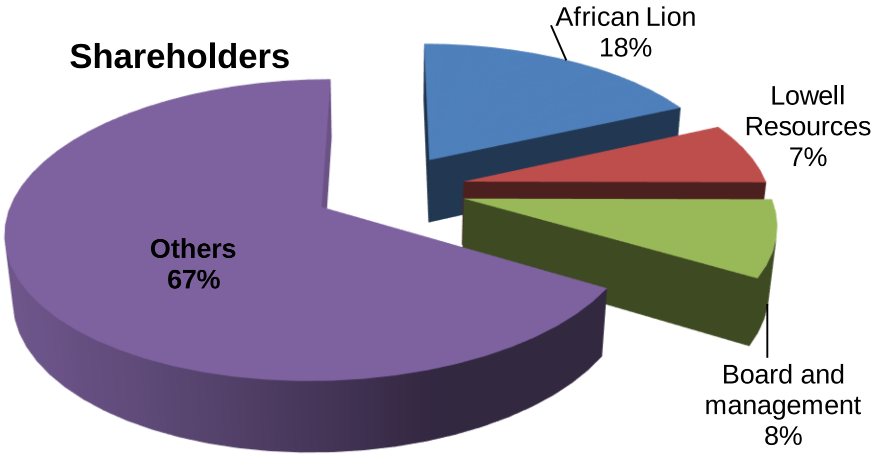
ASX:PDI - Corporate Summary

Board Members

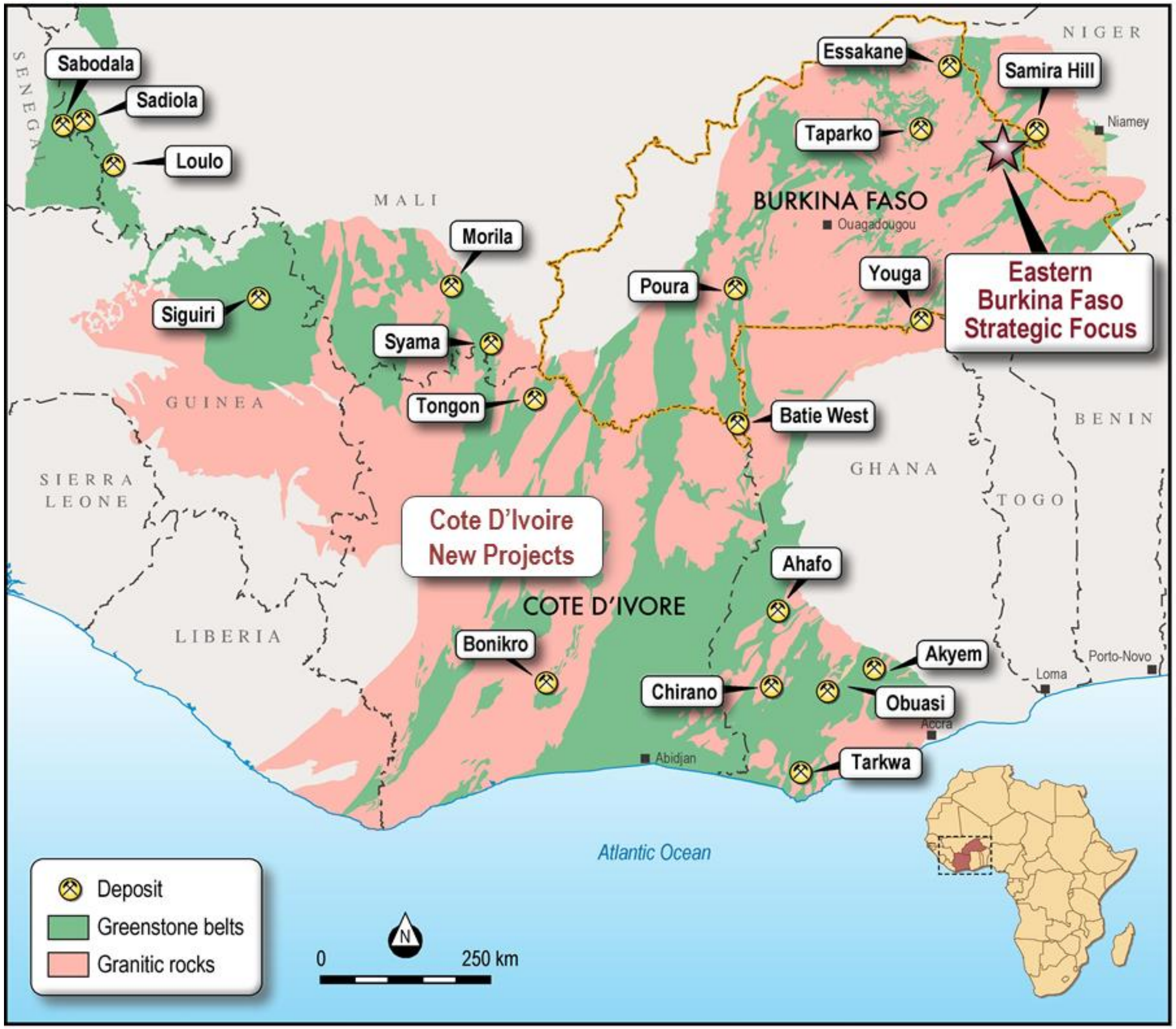
Mr. Phil Harman	Non-Executive Chairman	Extensive board experience, discovery track record, senior roles in BHP
Mr. Paul Roberts	Managing Director	Discovery track record, global exploration experience
Mr. Phil Henty	Non-Executive Director	Extensive corporate and stockbroking experience
Mr Tim Markwell	Non-Executive Director	Fund manager, substantial mining industry and resource analyst experience

Capital Structure

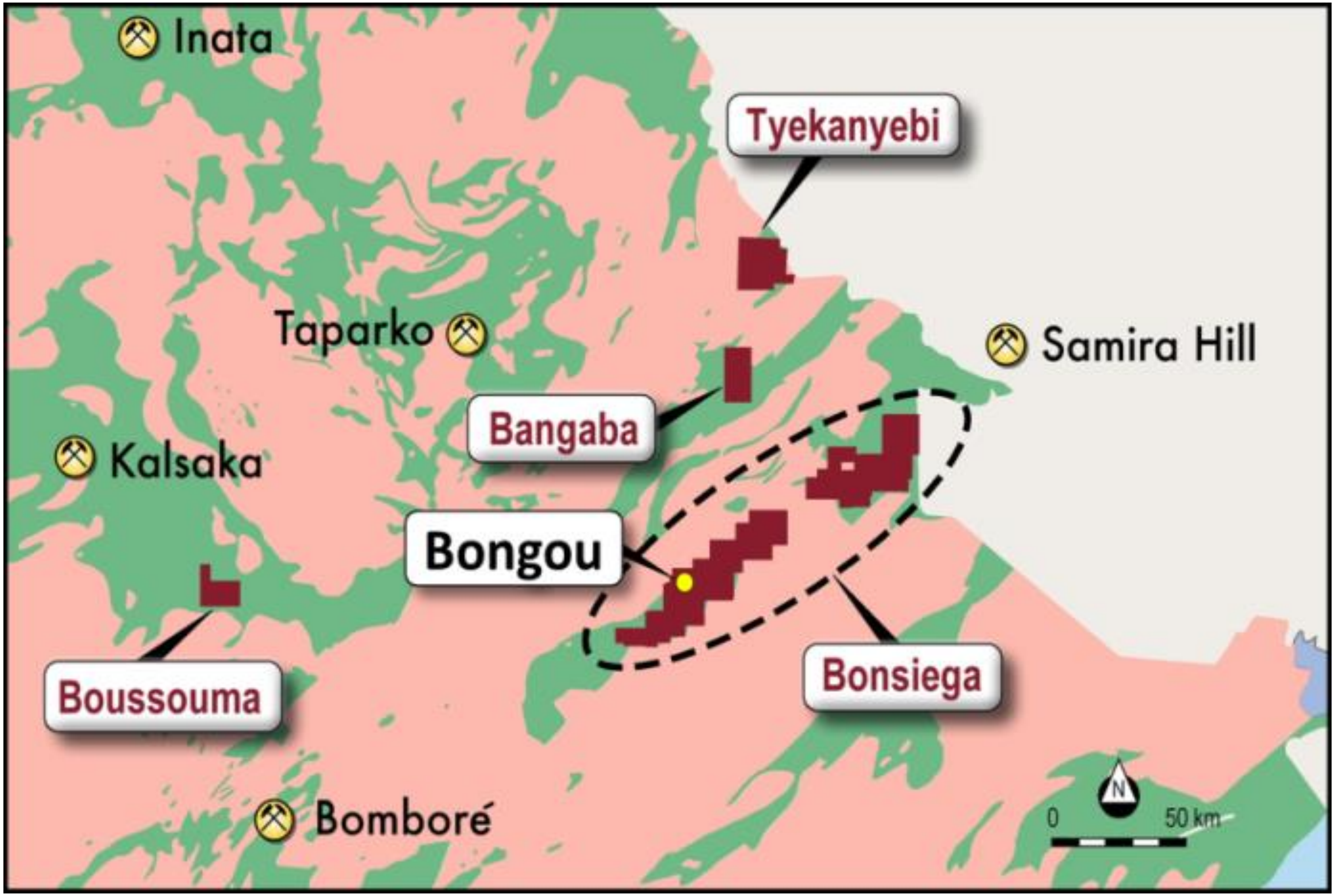
Shares on Issue (ASX:PDI)	388 Million
Share Price	A$0.007
Market Cap. (@0.007)	A$ 2.7 million
Cash Position at 31 03 2014	A$ 1.6 million
Enterprise Value	A$ 1.1 million
Debt	Nil
Top 20 Shareholders (%)	53%



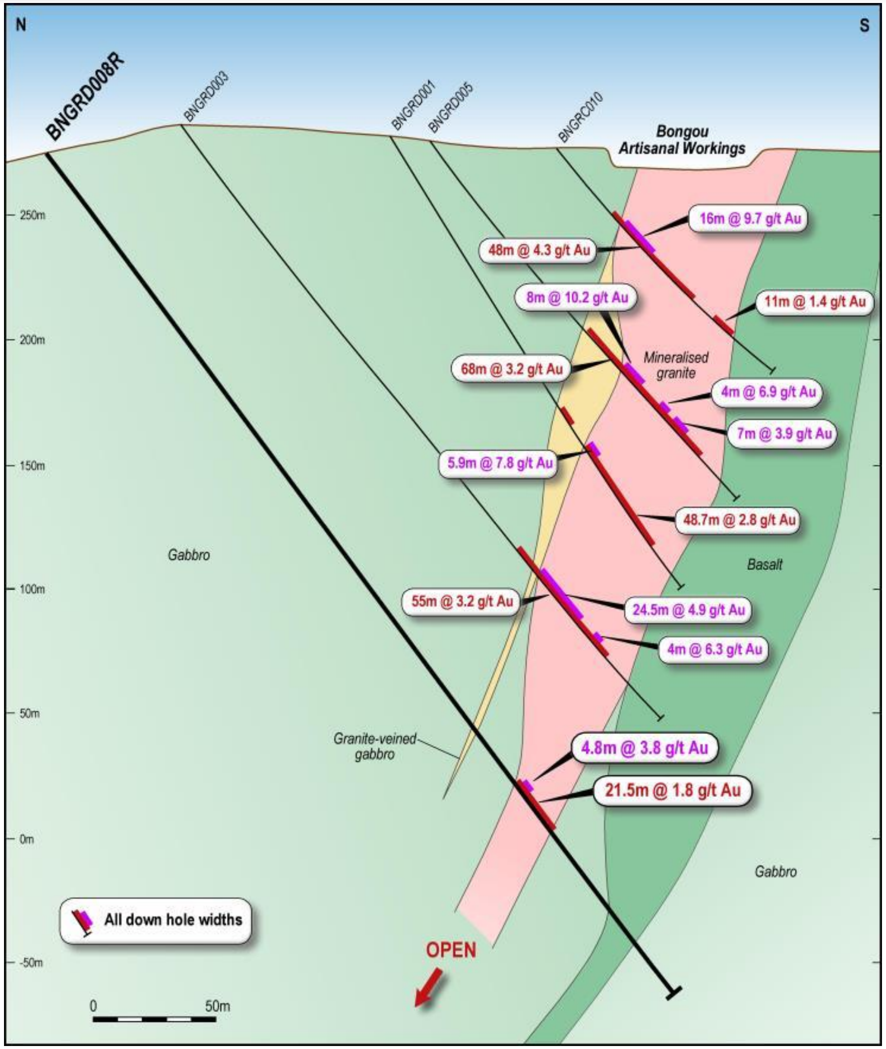
West Africa Focus



Strategic Ground Holding, East Burkina Faso



Bongou – high grade, thick, consistent

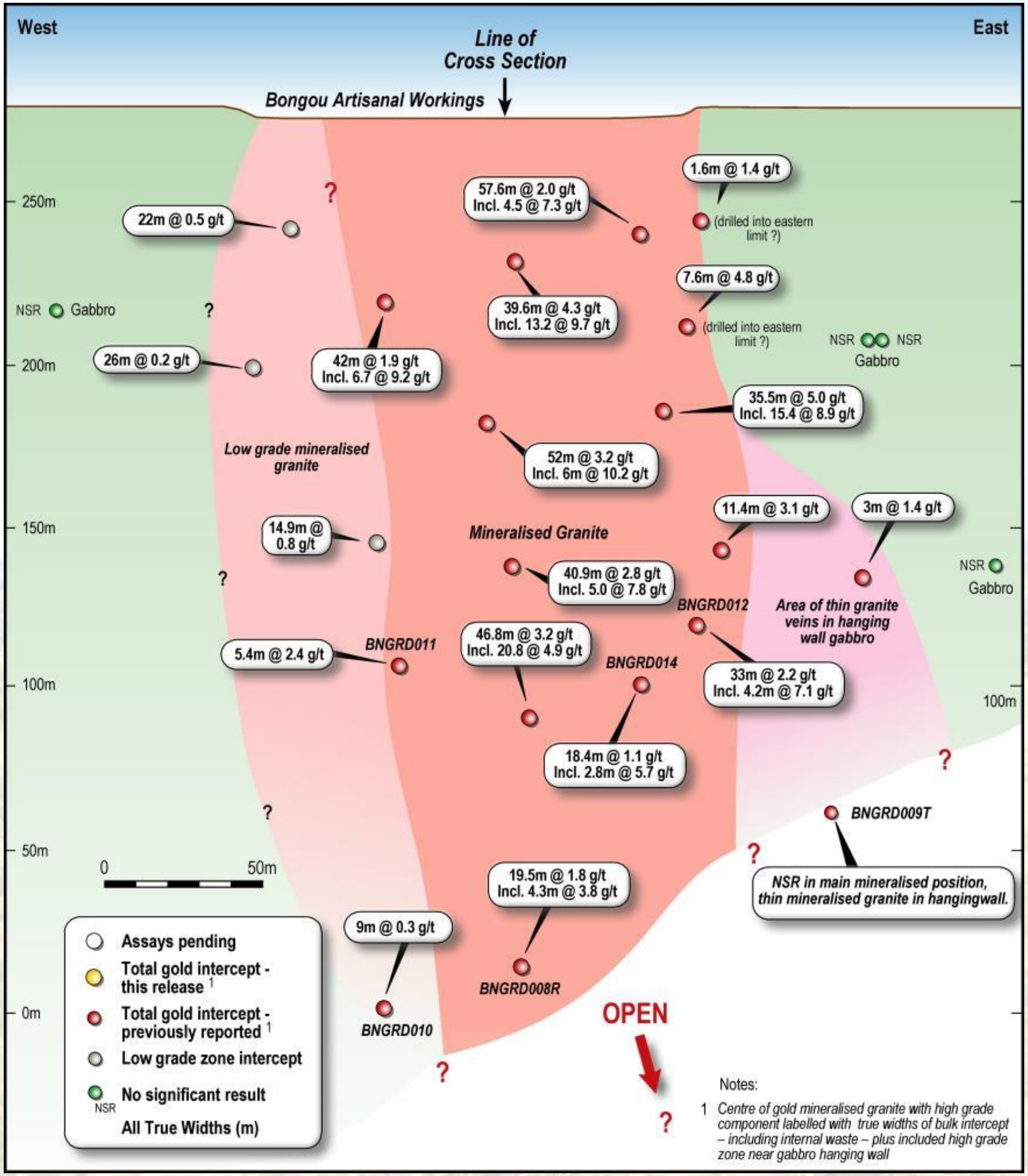


- Intensely altered pyrite-bearing mineralisation
- High grades on N contact
- Good continuity and extends to depth

Note: drill results reported to the ASX on 2nd December 2013, 16th December 2013, 20th March 2014 and 1st April 2014.

Bongou long section

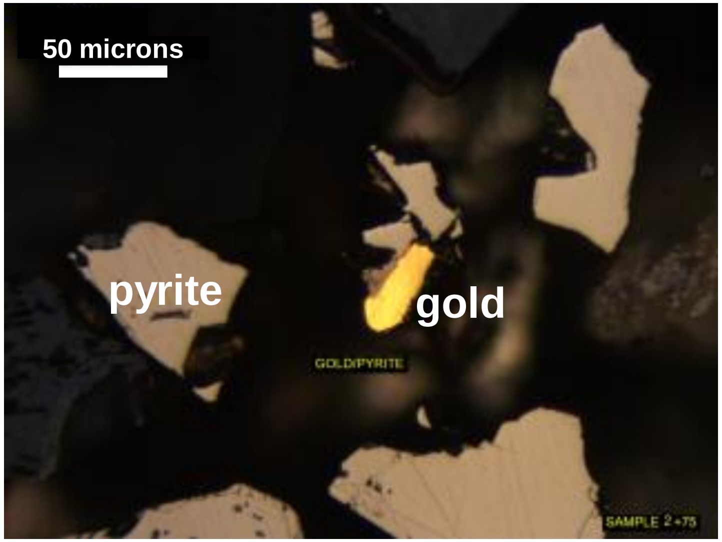
- high grade
- thick
- consistent true widths:
  - 52m at 3.2g/t Au incl. 6m at 10g/t Au
  - 40m at 4.3g/t Au incl. 13m at 9.7g/t Au
  - 36m at 5.0g/t Au incl. 15m at 8.9g/t Au
  - 47m at 3.2g/t Au incl. 21m at 4.9g/t Au
  - 41m at 2.8g/t Au incl. 5m at 7.8g/t Au
  - 58m at 2.0g/t Au incl. 5m at 7.3g/t

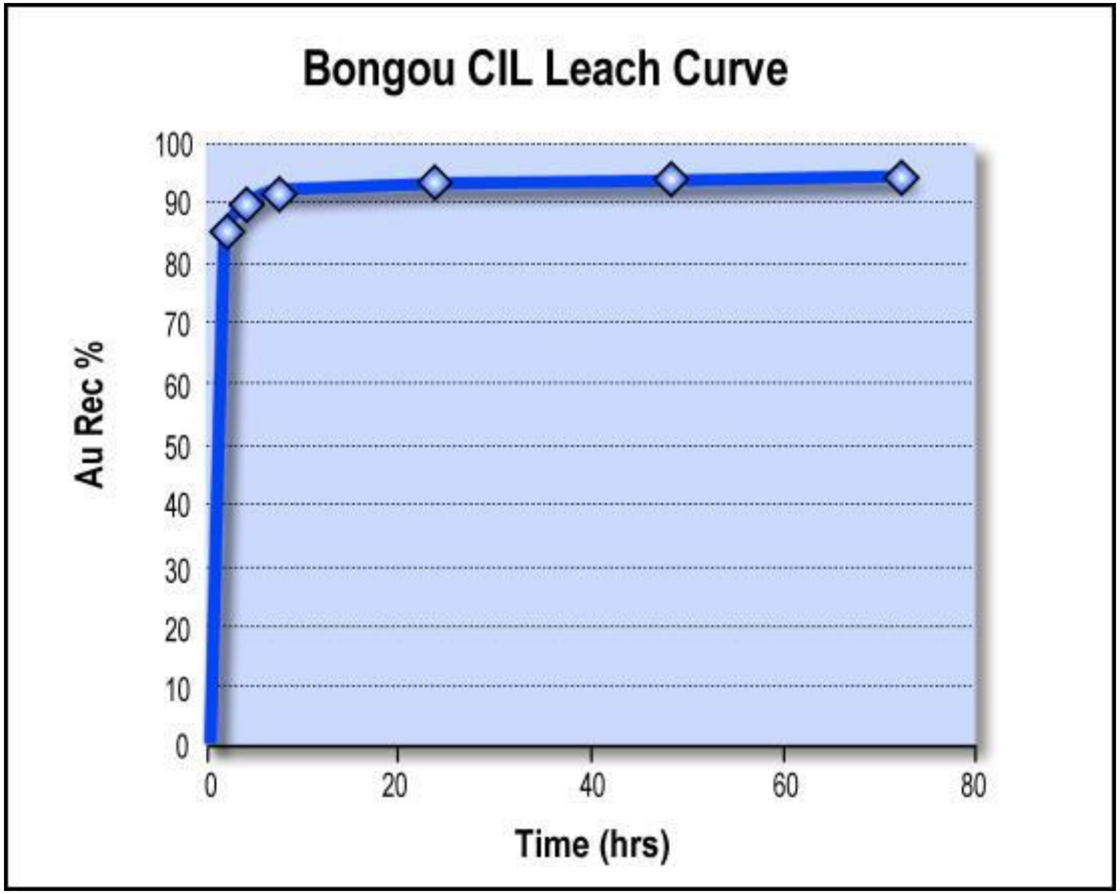


Note: drill results reported to the ASX on 2nd December 2013, 16th December 2013, 20th March 2014 and 1st April 2014.

Bongou – good preliminary metallurgy

- Rapid gold dissolution in first few hours
- Free gold and gold on or within pyrite
- Acceptable cyanide/lime consumption



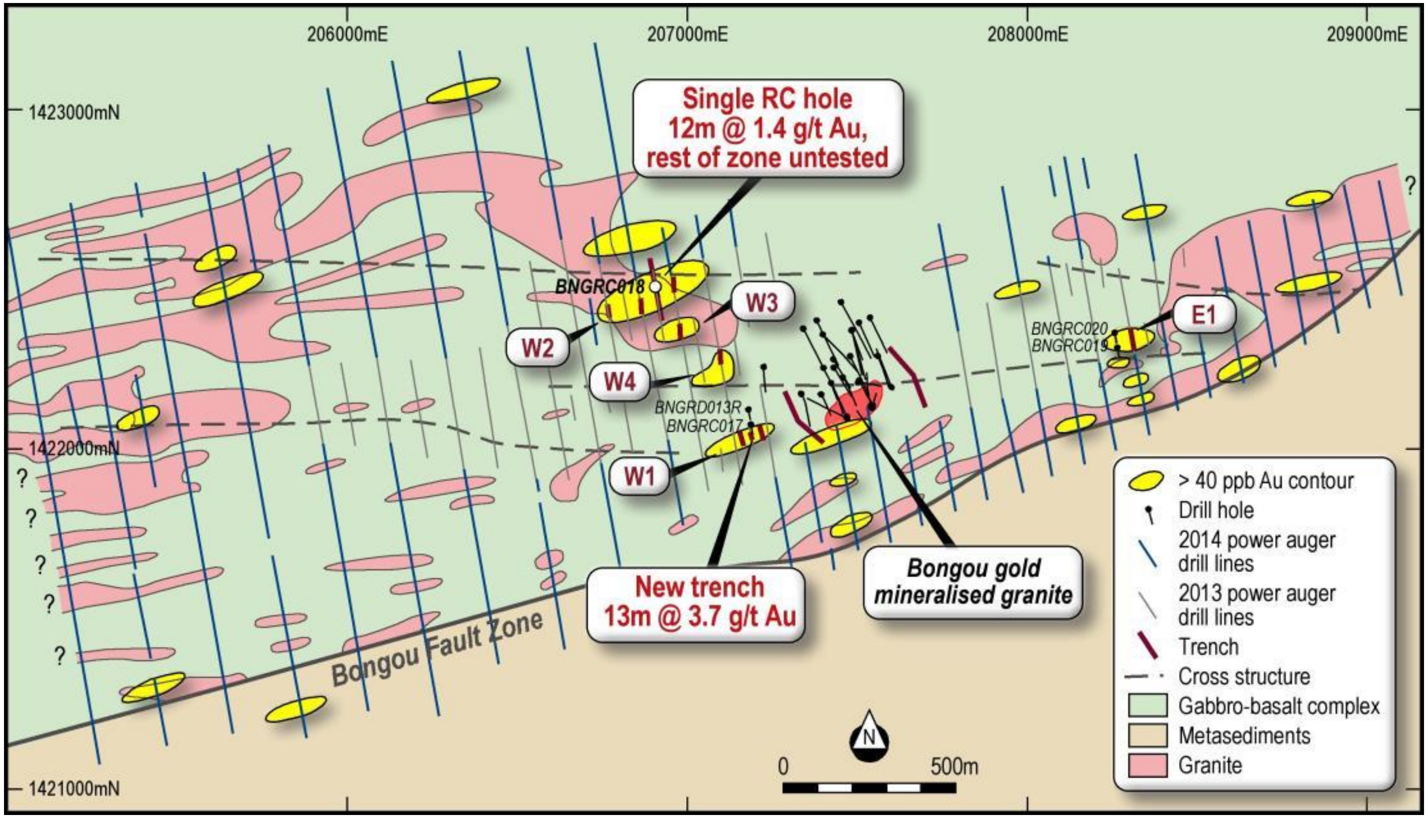


Note: These metallurgical results were reported to the ASX on 14 May 2013

Bongou – nearby potential

>20 Bongou-scale gold geochemical anomalies

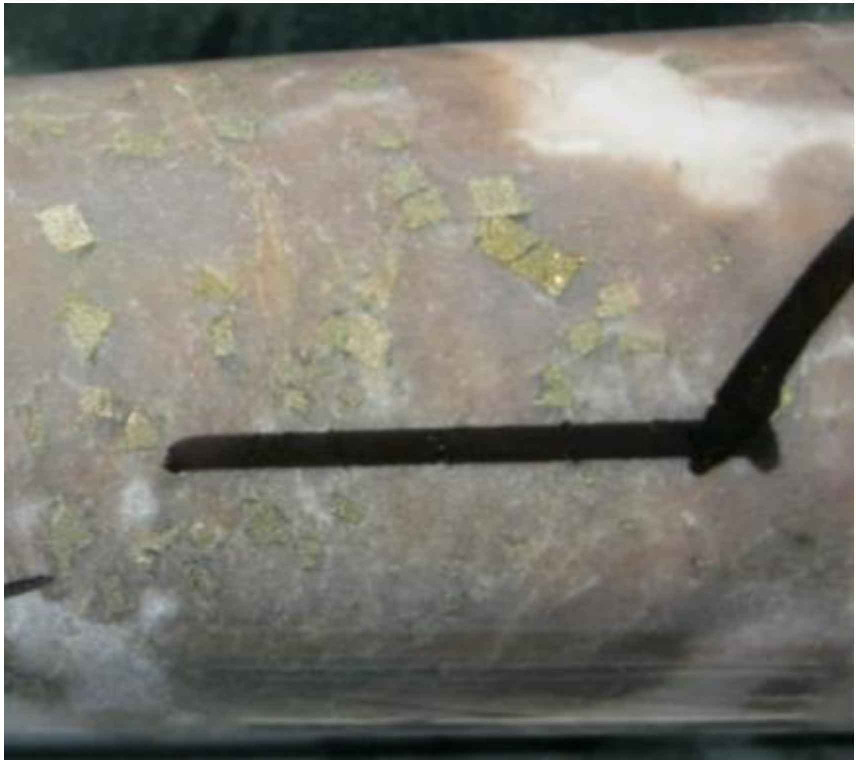
- Gold in reconnaissance RC drilling and trenching
- Many small granites under cover open to east and west
- Bedrock drilling and trenching underway, extending to east and west
- RC drilling to come, based on new results

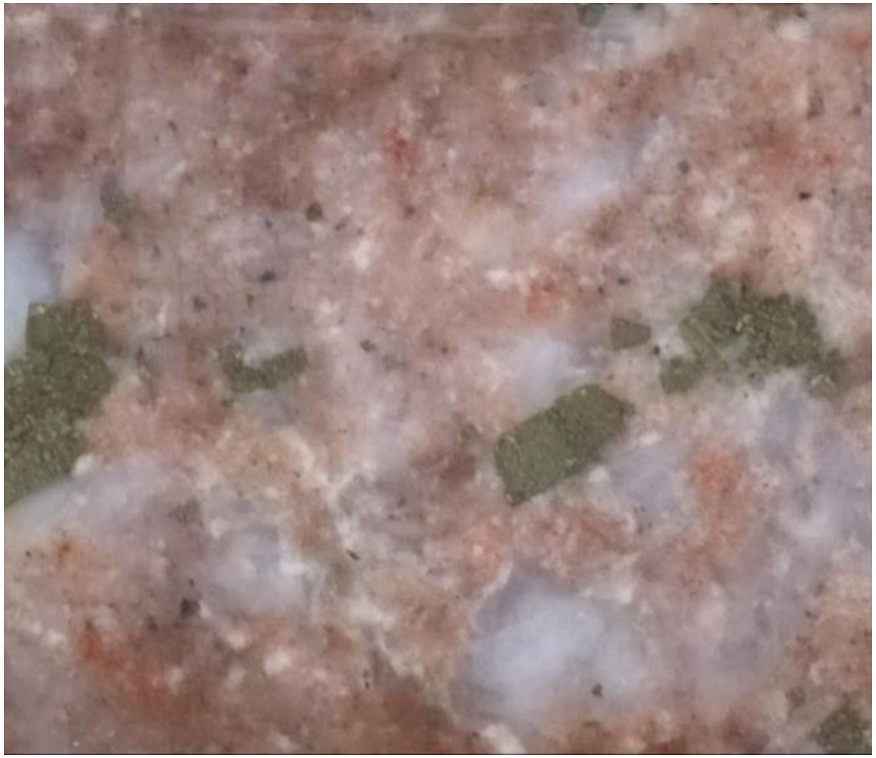


Note: geochemical results on this slide were reported to the ASX on 12 May 2014

Bongou-like gold mineralisation nearby

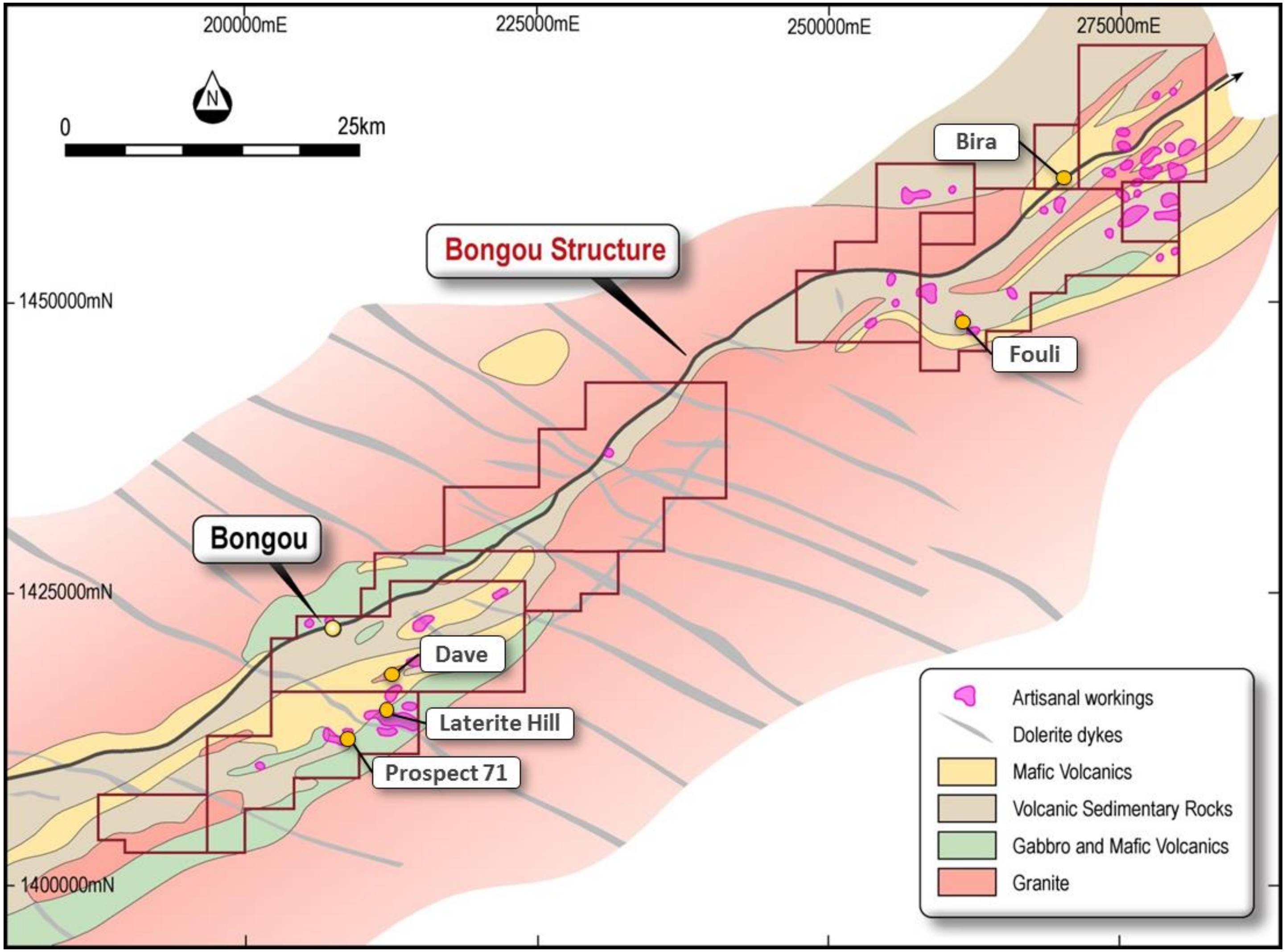
- Bongou W1 Prospect (left) 250m from Bongou (right)
- Coarse pyrite and siliceous alteration at both locations
- None at surface in W1 trench, more below?





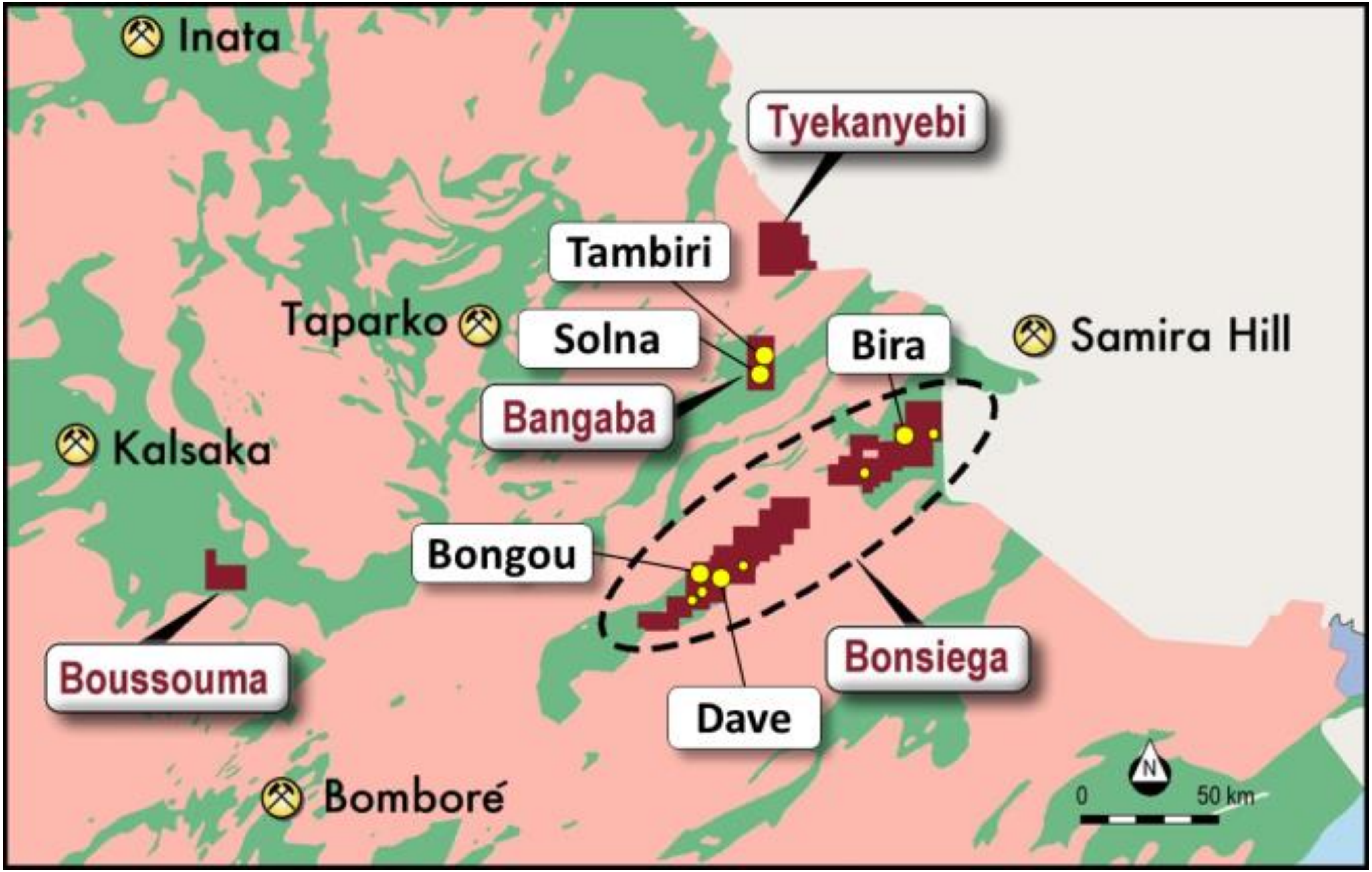
Major untested potential along strike

- Bongou Structure - 80km+ of strike held 100% by PDI
- Multiple drilling targets
- Close to other prospects in Laterite Hill Gold Field



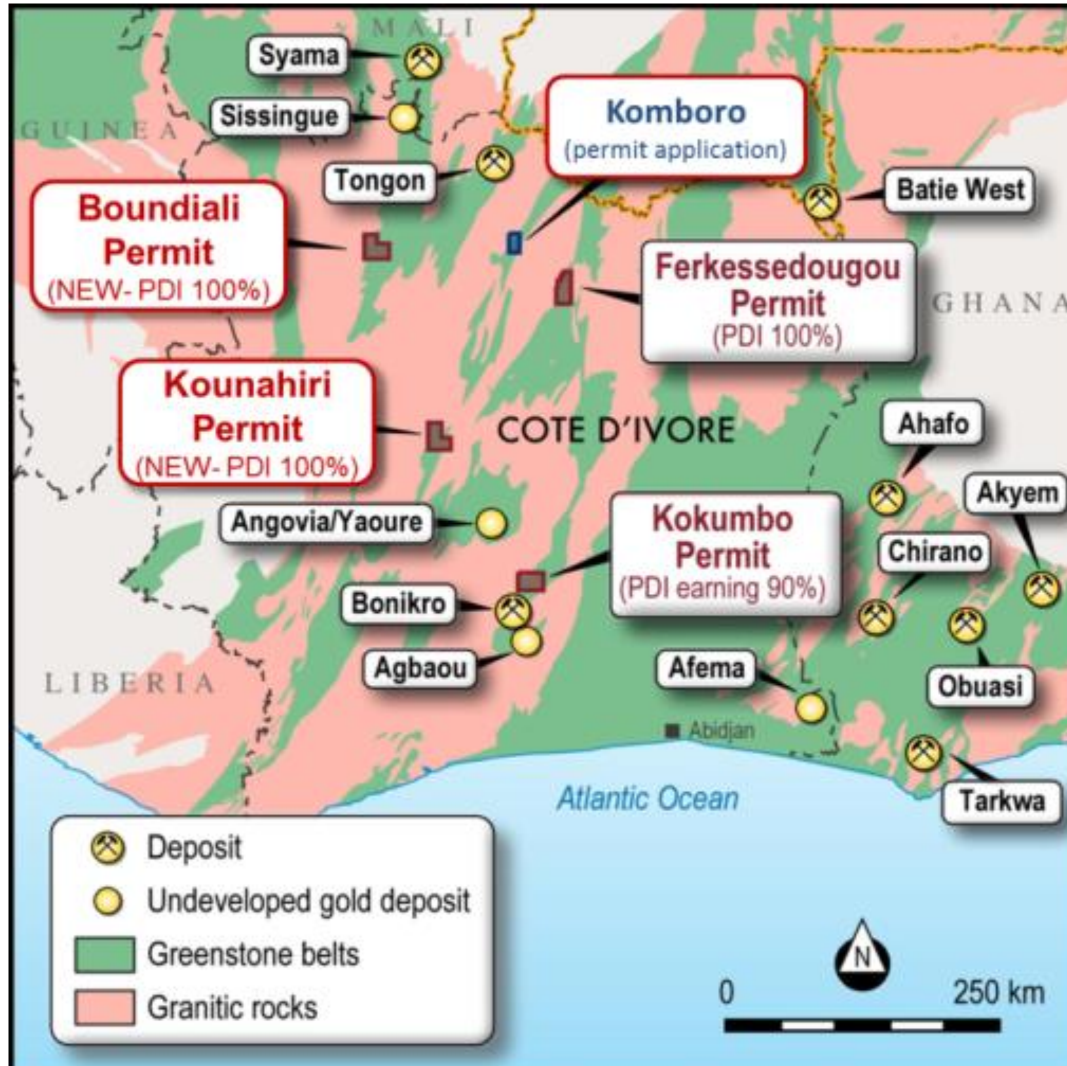
Large prospect pipeline in Eastern Burkina

(see appendices for labelled prospects)



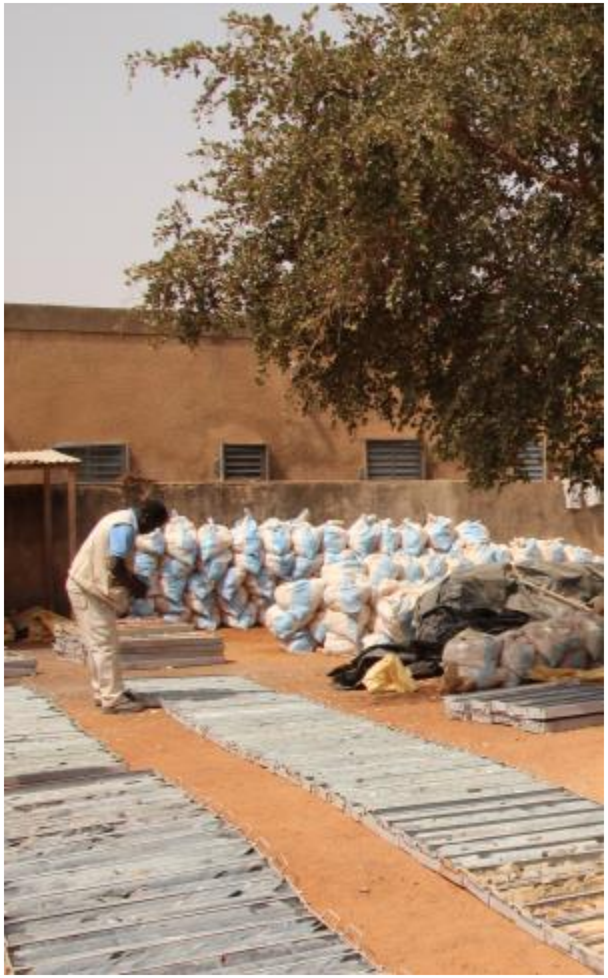
Cote D'Ivoire Opportunity

- Systematic approach to targeting
- 1,534km^2 granted
- Kokumbo:
  - Long history of gold mining
  - Close to Bonikro/Agbaou
  - Excellent infrastructure
- Boundiali:
  - Along strike from Sissingue & Syama
- Low key exploration – geochemistry and ground magnetics



Building on Bongou

- More work near Bongou;
  - Ongoing power auger and trenching - results in June
  - RC drilling after sufficient targets are delineated (wet season-dependent)
- Elsewhere in West Africa:
  - Low key reconnaissance and data compilation in Cote D'Ivoire



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West African Gold Explorer

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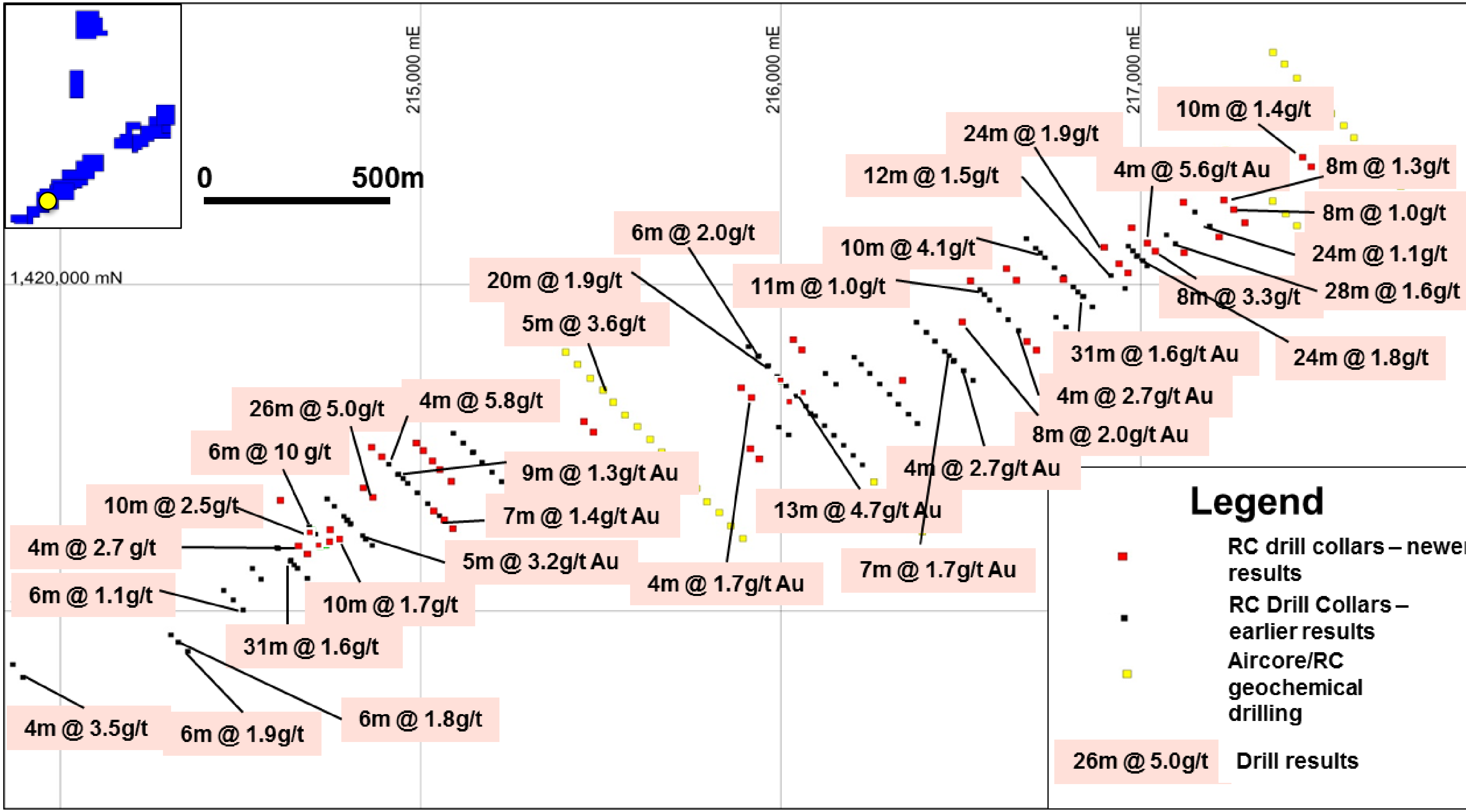
Appendices – 1 Dave Prospect

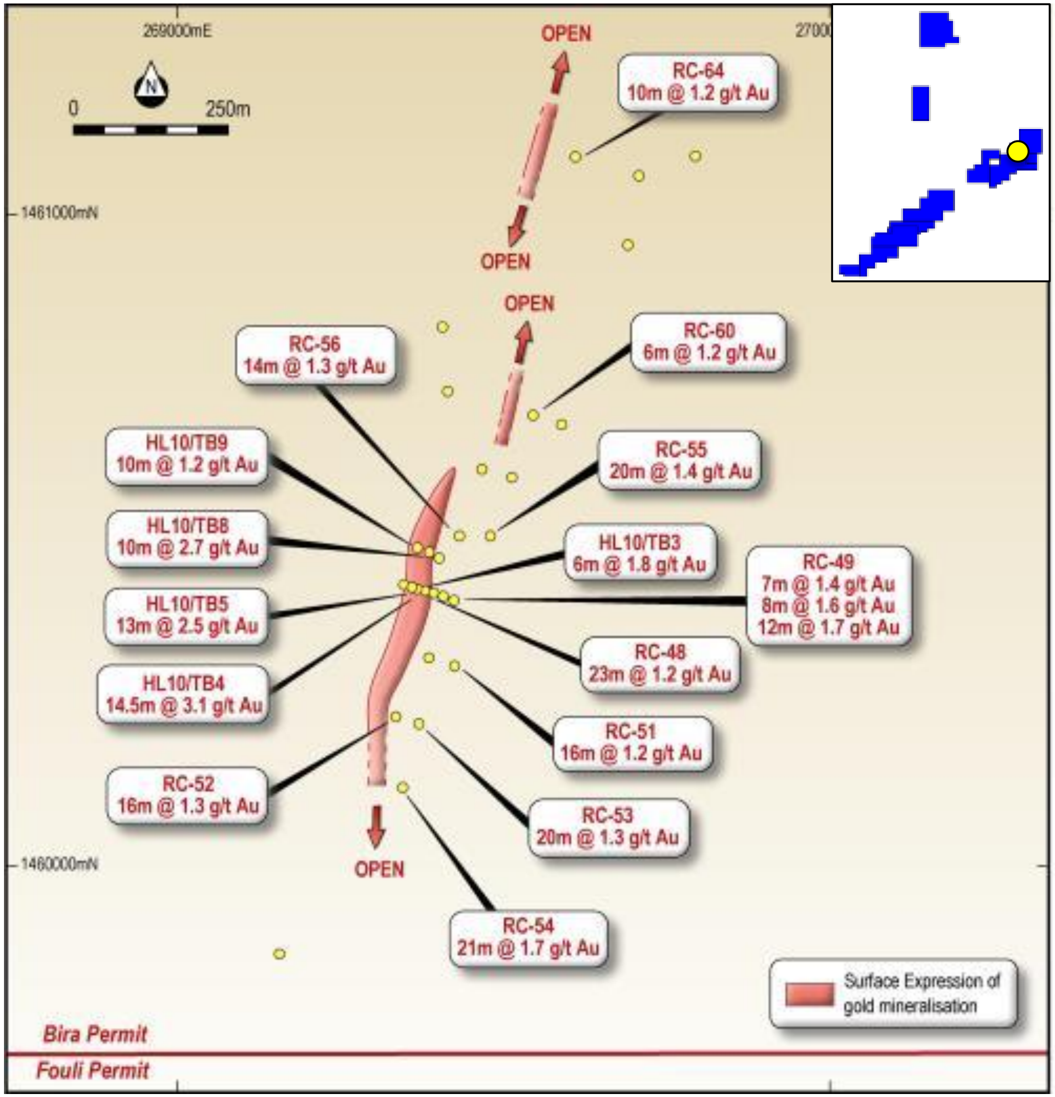


Note: drill results reported to the ASX in Quarterly Reports of September 2011, March 2012, June 2012, September 2012 .

Appendices – 2 Bira Prospect

- Historic drilling results (Anmercosa – an Anglo American subsidiary):
  - 14.5m @ 3.1g/t Au
  - 13m @ 2.5g/t Au
  - 21m @ 1.7g/t Au
  - 20m @ 1.4g/t Au
- Open to north and south and at depth
- New target to west

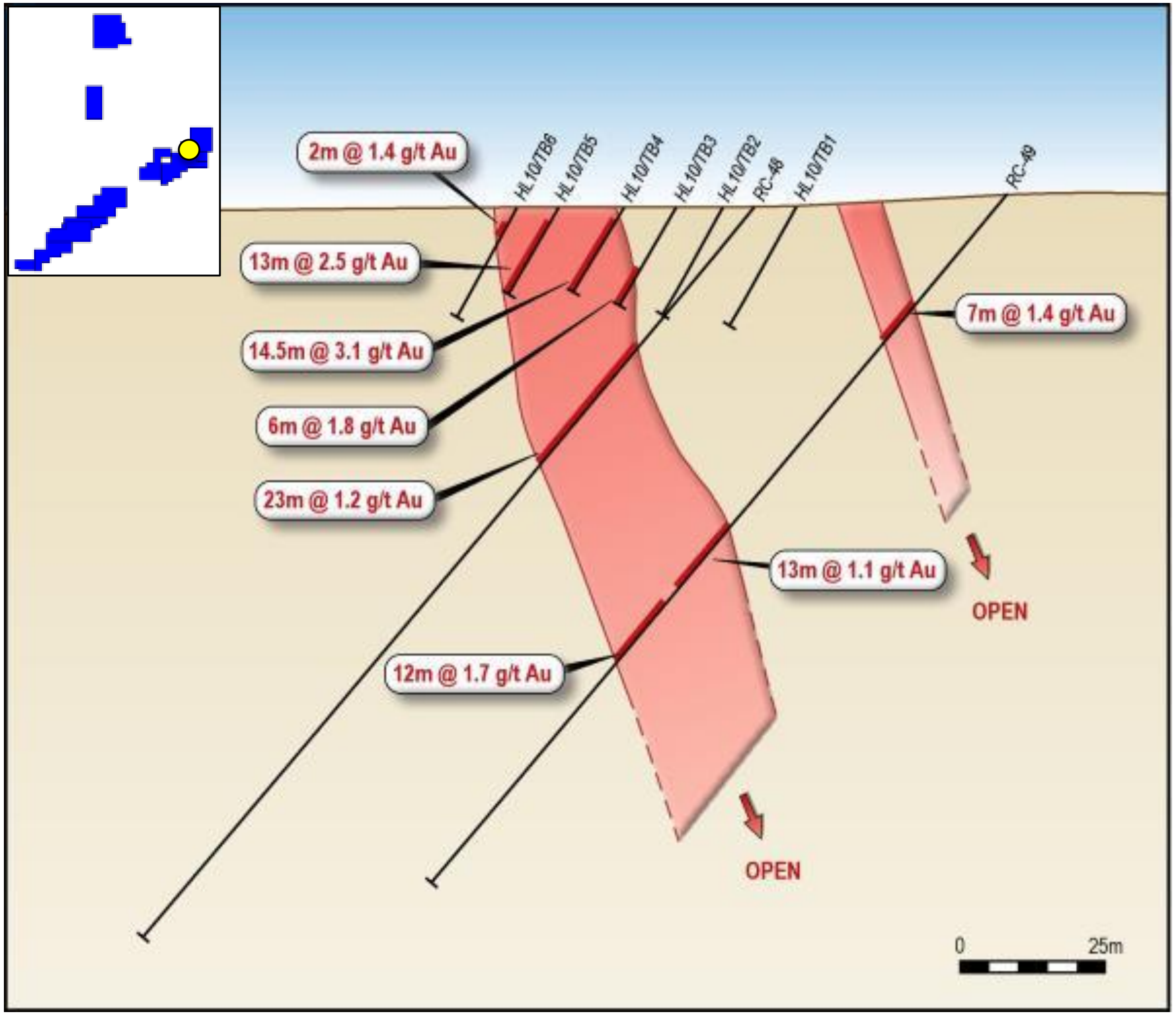
Note: historic drill results reported to the ASX on 25th January 2013.



Appendices – 3 Bira Prospect

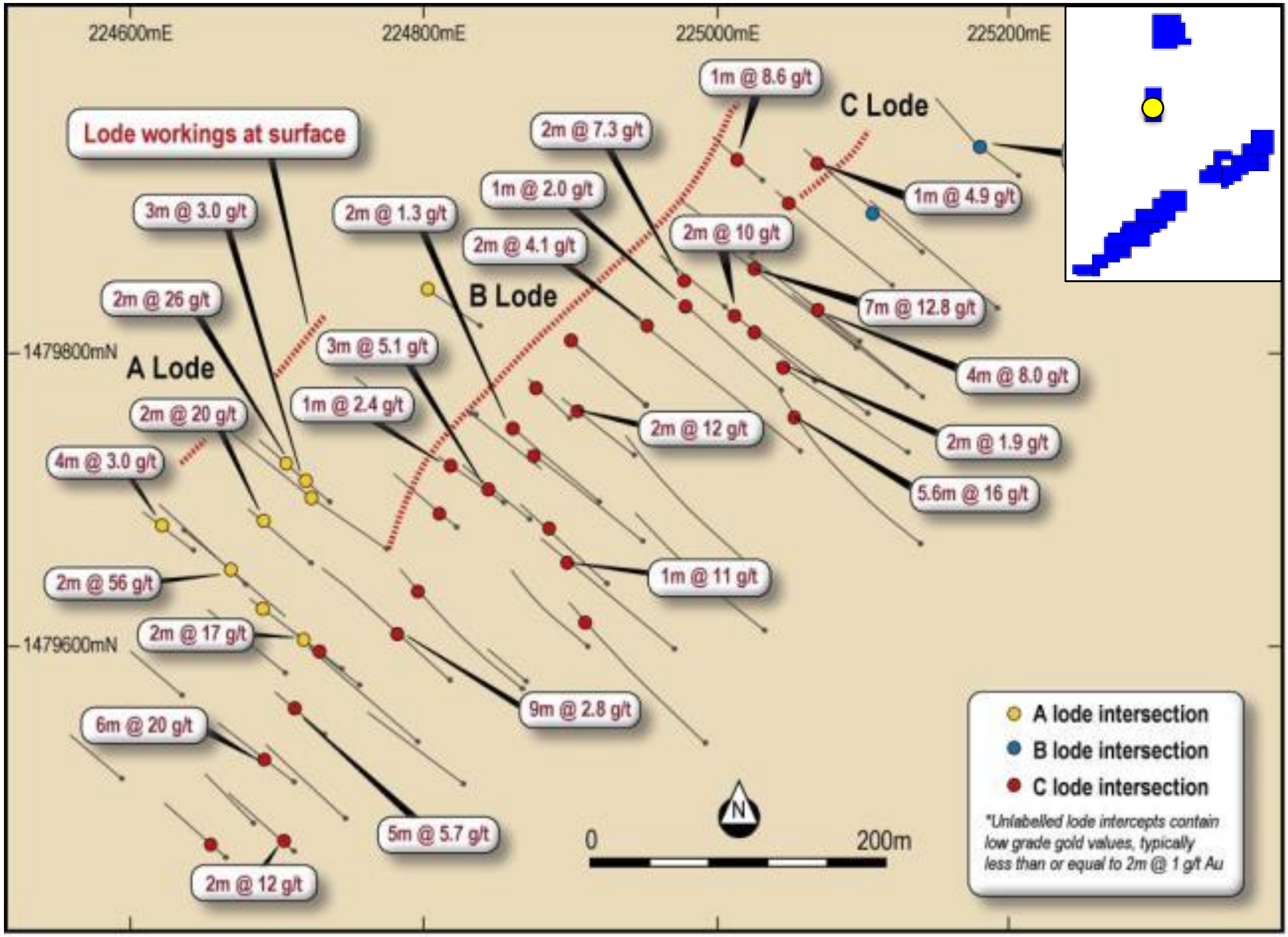
- Historic drilling results (Anmercosa – an Anglo American subsidiary):
  - 14.5m @ 3.1g/t Au
  - 13m @ 2.5g/t Au
  - 21m @ 1.7g/t Au
  - 20m @ 1.4g/t Au
- Good continuity
- Open to depth/along strike

Note: historic drill results reported to the ASX on 25th January 2013.



Appendices – 4 Solna Prospect

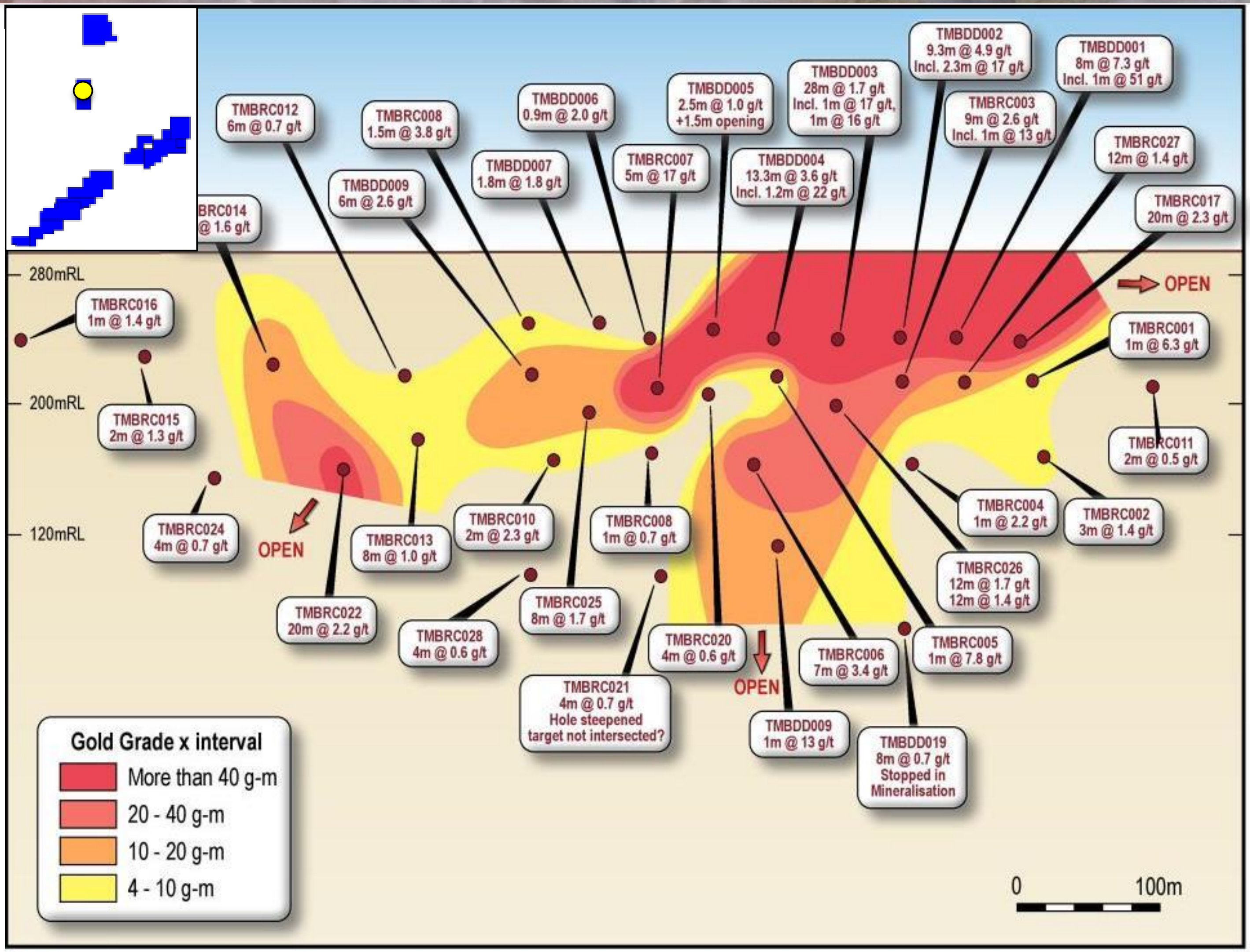
- Multiple high grade intercepts:
  - 6m @ 20g/t Au
  - 5.6m @ 16g/t Au
  - 7m @ 13g/t Au
  - 2m @ 56g/t Au
- Some continuity issues – requires close spaced drilling
- Excellent preliminary metallurgy (96% recovery in primary ore)



Note: drill results reported to the ASX in Quarterly Reports of June 2011, December 2011, March 2012, June 2012, March 2013 and the preliminary metallurgical results were reported to the ASX on 14th May 2013.

Appendices – 5 Tambiri Prospect

- Good grades & widths:
  - 5m @ 17g/t Au
  - 9.3m @ 4.9g/t Au
  - 8m @ 7.3g/t Au
  - 28m@ 1.7g/t Au
- Good continuity
- Open along strike
- Good preliminary metallurgy (92% recovery)



Note: drill results reported to the ASX in Quarterly Reports of June 2011, December 2011, March 2012, June 2012 and the preliminary metallurgical results were reported to the ASX on 14th May 2013.