predictive discovery LIMITED

Gold- Focused Prospect Generator in West Africa

<u>Disclaimer</u>

This presentation contains only a brief overview of Predictive Discovery Ltd and its associated entities ("PDI or Predictive") and their respective activities. The contents of this presentation, including matters relating to the geology of the projects, may rely on various assumptions and subjective interpretations which it is not possible to detail in this presentation and which have not been subject to any independent verification.

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<u>Competent Person Statement</u>

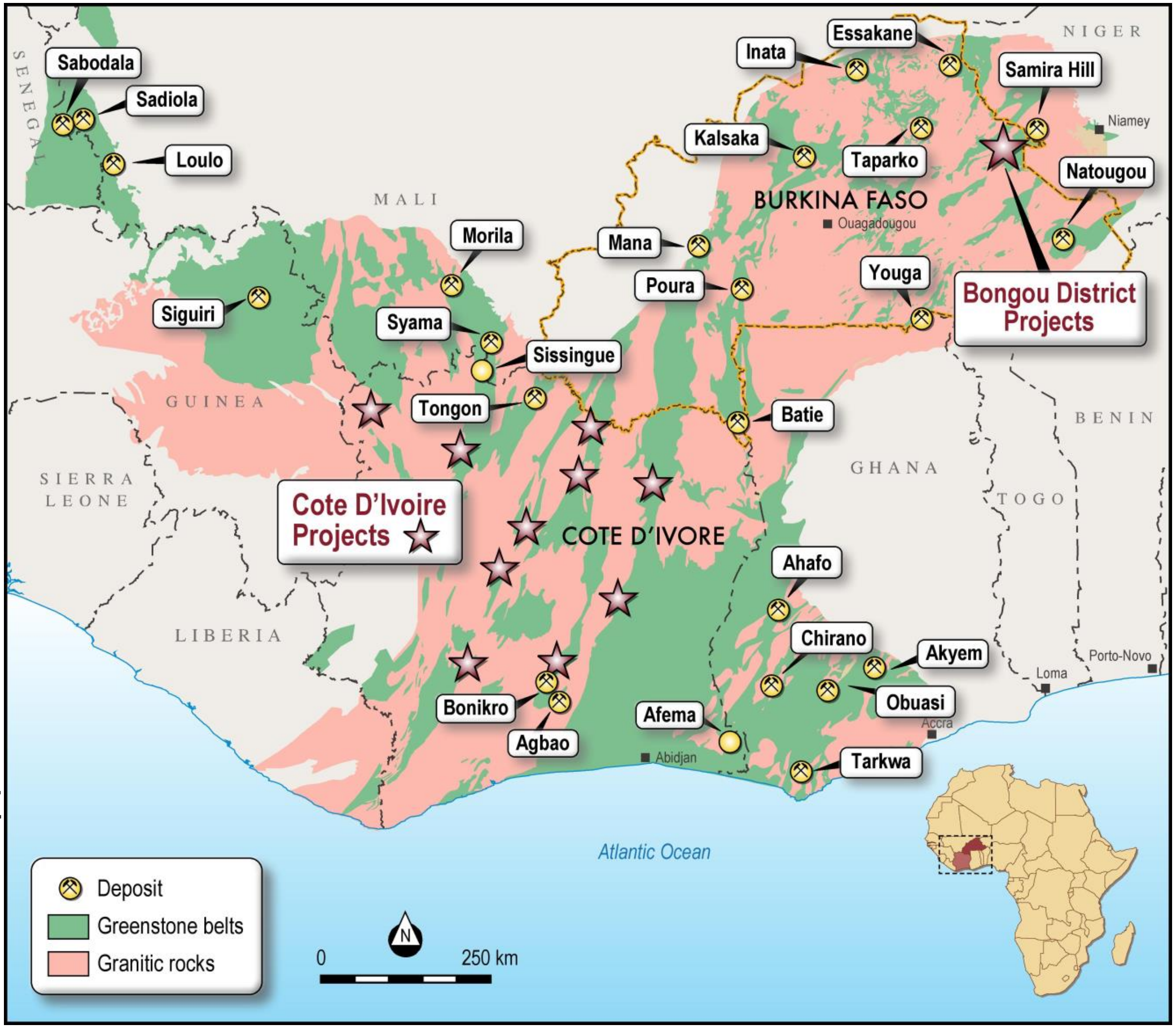
The information in this report that relates to Exploration Results and the near-Bongou Exploration Target is based on information compiled by Mr Paul Roberts who is a Fellow of the Australian Institute of Geoscientists. Mr Paul Roberts is a full time employee of the company and has sufficient experience 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.

The Mineral Resource estimation and classification of Mineral Resources for the Bongou deposit is based on, and fairly represents, information and supporting documentation compiled by Mr Richard Gaze. Mr Gaze is a full-time employee of Golder Associates Pty Ltd and a Member and Chartered Professional of the Australasian Institute of Mining and Metallurgy. Mr Gaze has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (2012 Edition). Mr Gaze consents to the inclusion of the estimates, classification and the supporting information in the form and context in which it appears.

Why Invest in West African Gold?

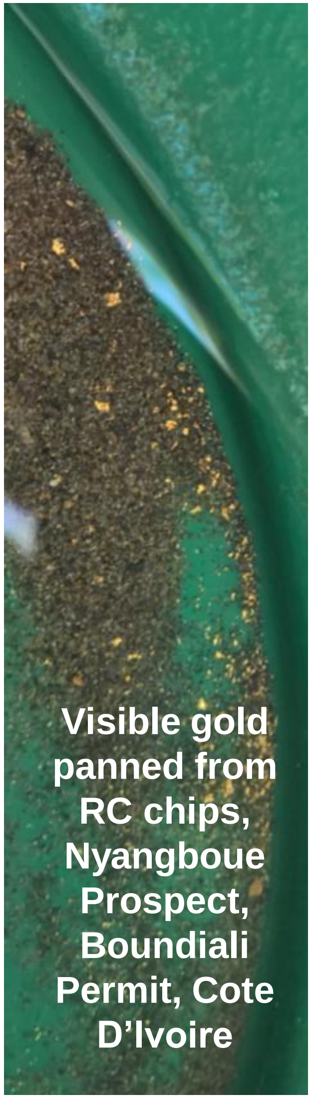
Birimian Belt (green) of West Africa - **best geological terrain on earth to find & develop new gold deposits**:

- Widespread endowment: **>60 million ounce-plus gold deposits**.
- **Under-explored:** new gold discoveries being made and developed right now
- **Investor-friendly**
- **Easy to operate**



Why Invest in Predictive?

- **"One Stop Shop"** for investment exposure to Birimian gold discovery
- **10 years West African experience** – strong geological knowledge and contact networks
- **Large ground position:** >7,000km^2
- **Pipeline of projects:** greenfields to more advanced (with JORC resource)
- **Gold discoveries made** e.g. Bongou, Nyangboue
- **Joint Venture (Prospect Generator) business model:**
  - PDI - early stage exploration to first drilling
  - JVs with qualified partners with mine development expertise
  - Retain 30-40% equity on better projects, more if results are outstanding
  - Backed by Sprott
- **Low overheads** enable **strong news flow** and multiple catalysts for **share price growth**



ASX:PDI - Corporate Summary

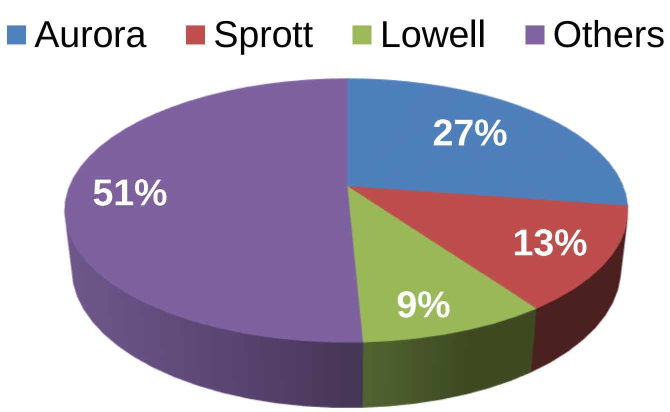
Board Members

Mr. Phillip Jackson	Non-Executive Chairman	Extensive board experience, resources (petroleum/minerals) corporate lawyer. Chairman of Aurora (largest shareholder)
Mr. Paul Roberts	Managing Director	Discovery track record, global exploration experience
Mr. David Kelly	Non-Executive Director	Extensive geological, business development and investment banking experience

Capital Structure

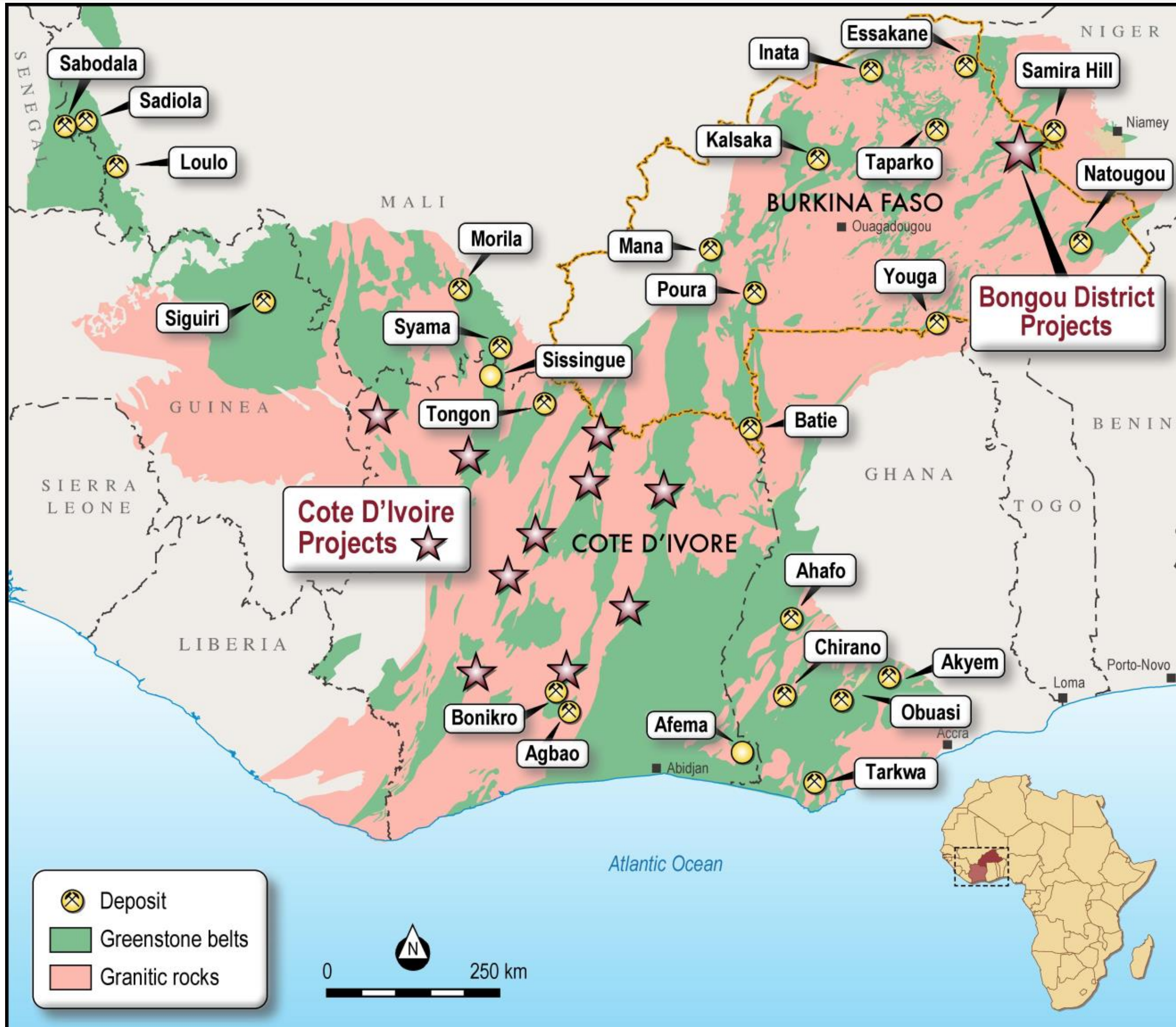
Shares on Issue (ASX:PDI)	236 million
Share Price	A$0.041
Market Cap. (@0.041)	A$9.7 million
Cash Position 31/12/18	A$2.9 million
Enterprise Value	A$6.8 million
Debt	Nil
Top 20 Shareholders (%)	62%

Major Shareholders



PDI'S CONSISTENT FOCUS: WEST AFRICA

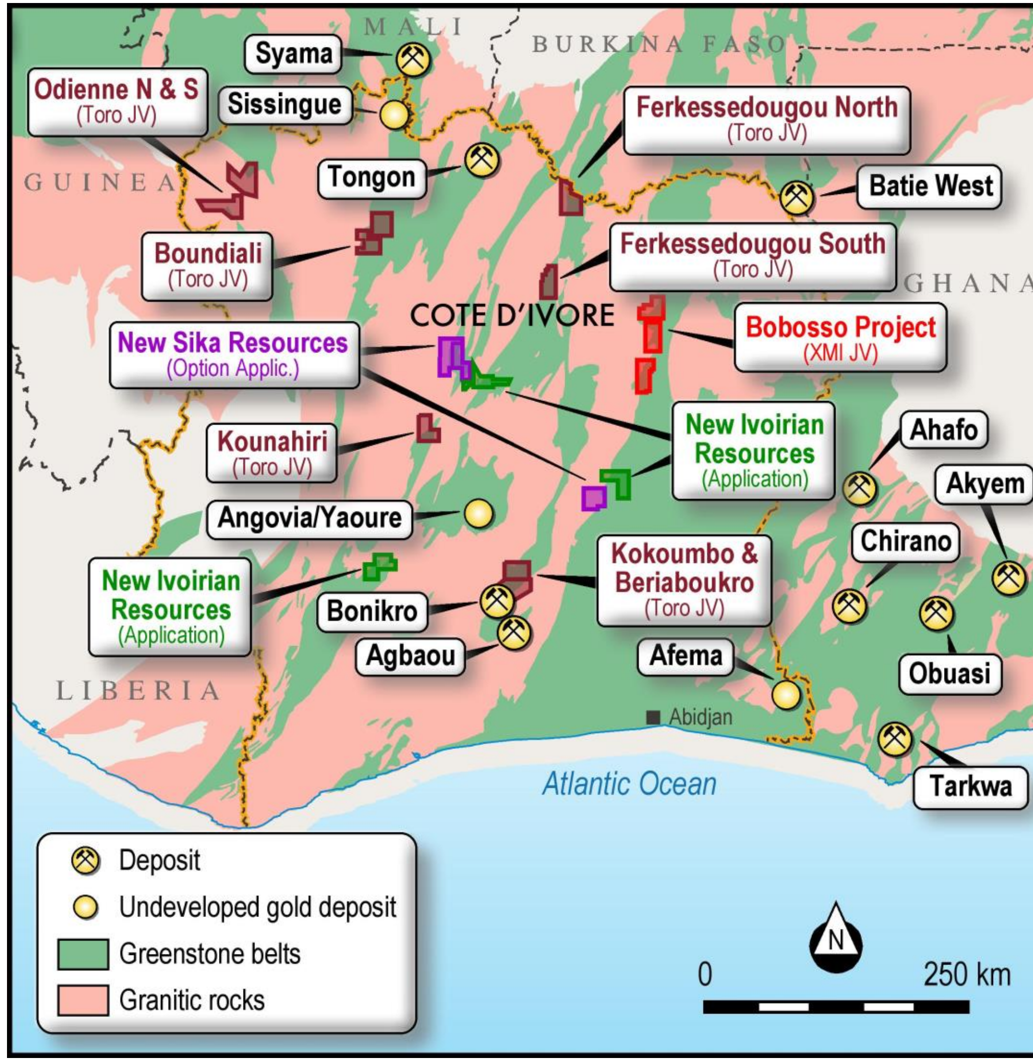
- **Eleven** projects: grass roots to advanced
- Assessing projects throughout West Africa
- Cote D'Ivoire and Burkina Faso:
  - Strong democracies
  - Supportive mining policies and laws
  - >50% of the Birimian greenstones
  - Francophone Africa – common currency (pegged to €) & legal framework, similar mining/taxation laws



Cote D'Ivoire Permits

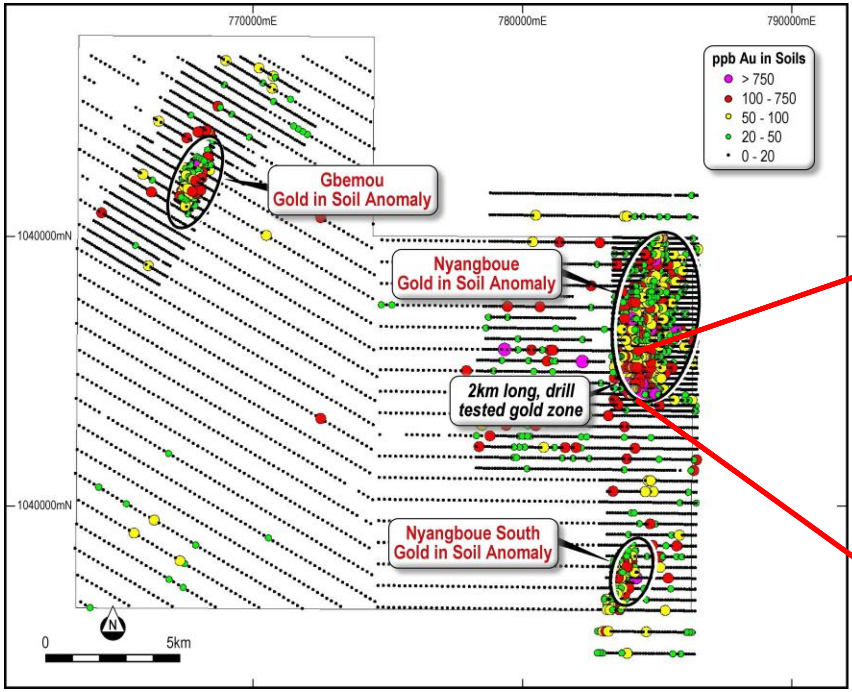
6,000 km² of permits and permit applications

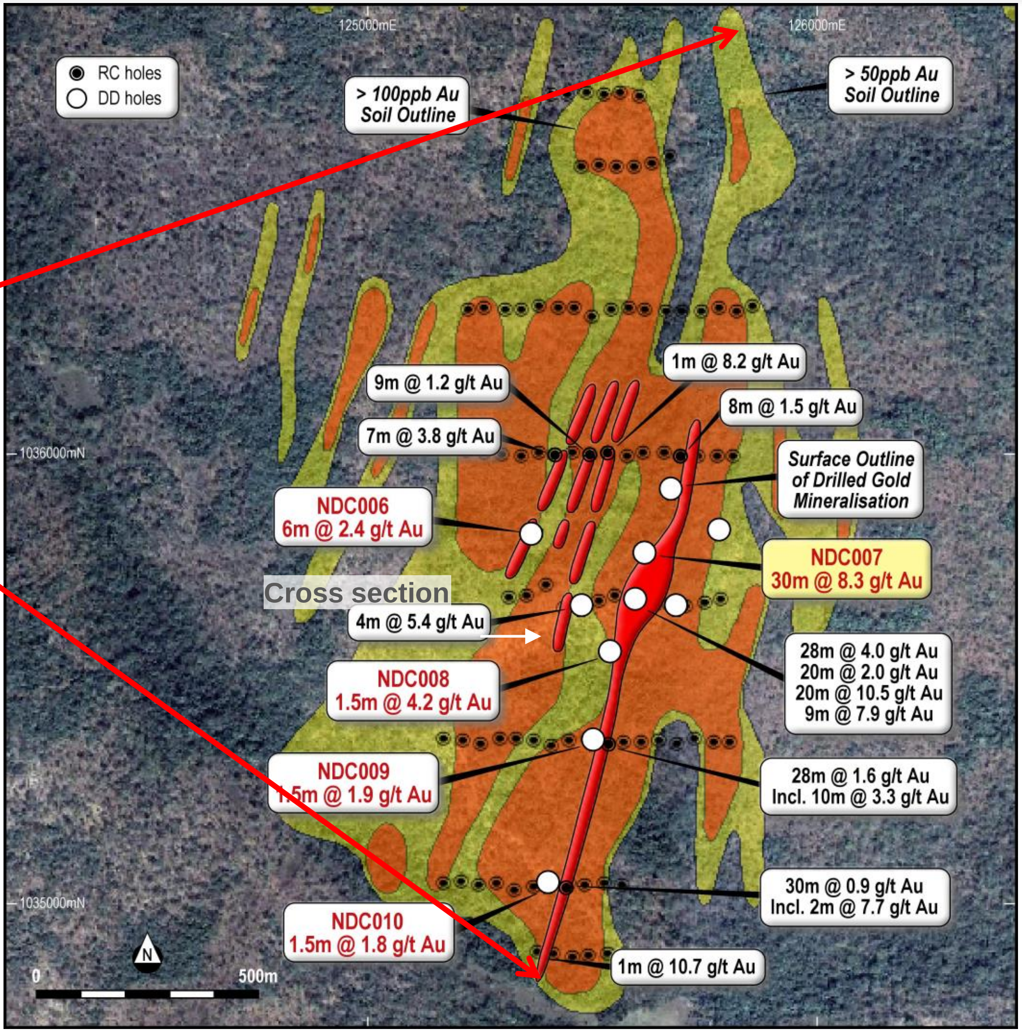
- Toro Gold JV (*brown*):
  - Toro Gold: successful explorer, developing Mako Gold Mine in Senegal
  - Toro:PDI 65%:35%. PDI contributing
  - Excellent results incl. Nyangboue gold discovery
- Bobosso (XMI) JV (*red*):
  - Progress Minerals: Canadian private, substantial mine development expertise
  - Progress investing US$1m for 30%
  - Very large gold mineralised system
  - Encouraging diamond drilling results
- Applications awaiting grant – Sika Resources Options & Ivoirian Resources (100% PDI) - (*magenta* & *green*):
  - All permit areas selected using PDI Predictore target selection system



Cote D'Ivoire Permits

Toro Gold JV – Boundiali permit





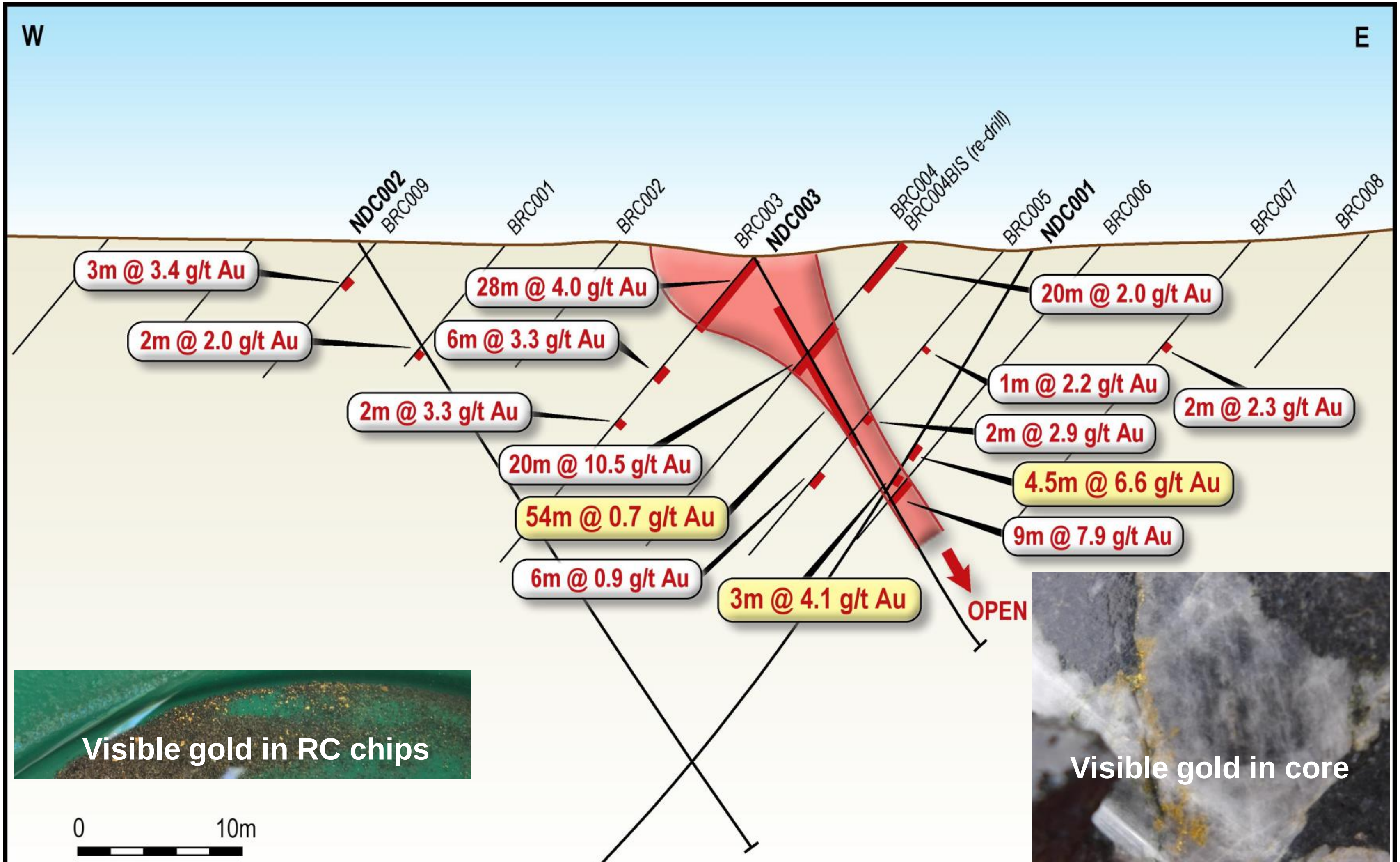
- **NYANGBOUE discovery** – **1.2km long gold mineralised system**.
- Best intercepts (near surface) - **20m @ 10.5g/t Au**, **30m @8.3g/t Au, 28m @4.0g/t Au**
- Large untested soil anomalies defined in NW and SE – drilling in progress

Note: *Black dots - 2016 RC holes, White dots - 2017 DD holes.*

Drill results reported to ASX 23/6/16, 25/7/16, 8/8/16, 12/9/16, 13/10/16, 17/5/17 and 29/5/17

Cote D'Ivoire Permits

Nyangboue Prospect – Cross Section



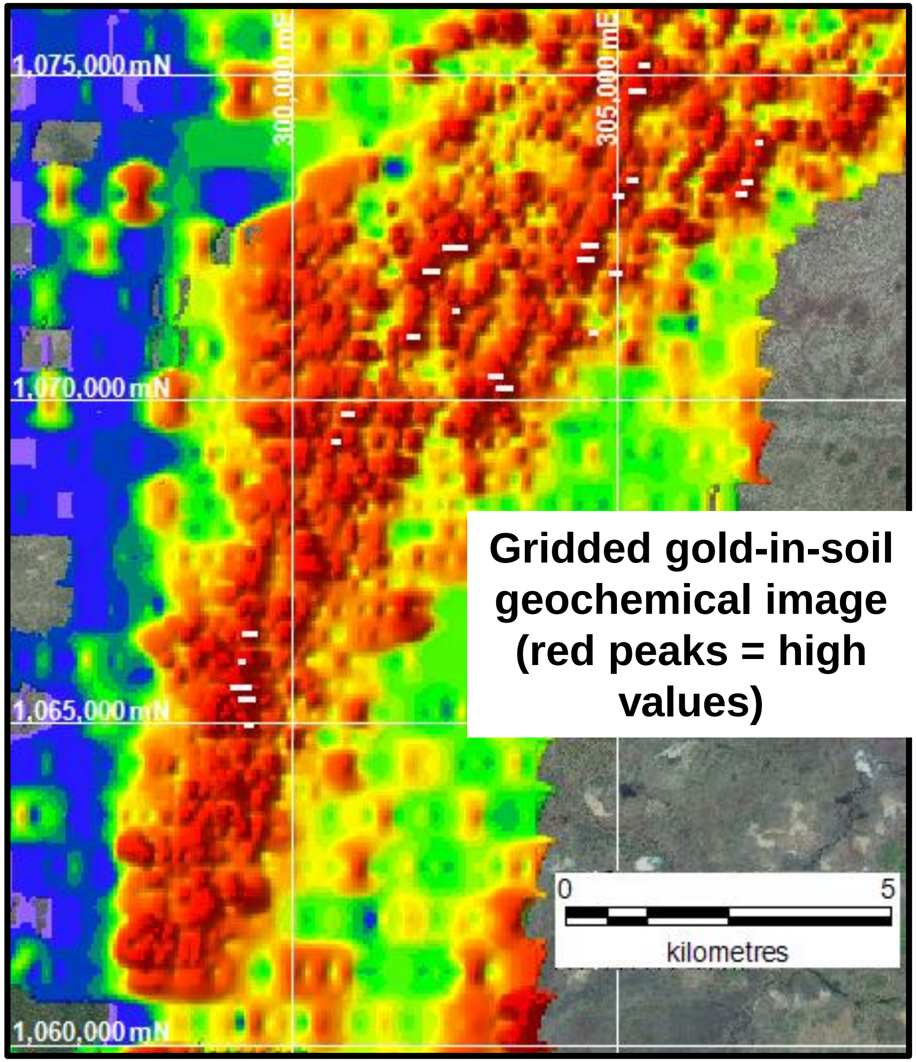
Drill results reported to ASX 23/6/16 and 8/8/16

Cote D'Ivoire Permits

Toro Gold JV – Ferkessedougou North

- **17km long gold-in-soil trend**
- NNE trending gold mineralized shear zones
- 16 soil samples >0.5g/t Au
- 3,000m of trenching completed (white bars)
- **RC drilling underway**

Soil results reported to the ASX on 14/12/16, 2/2/17 and 28/4/17



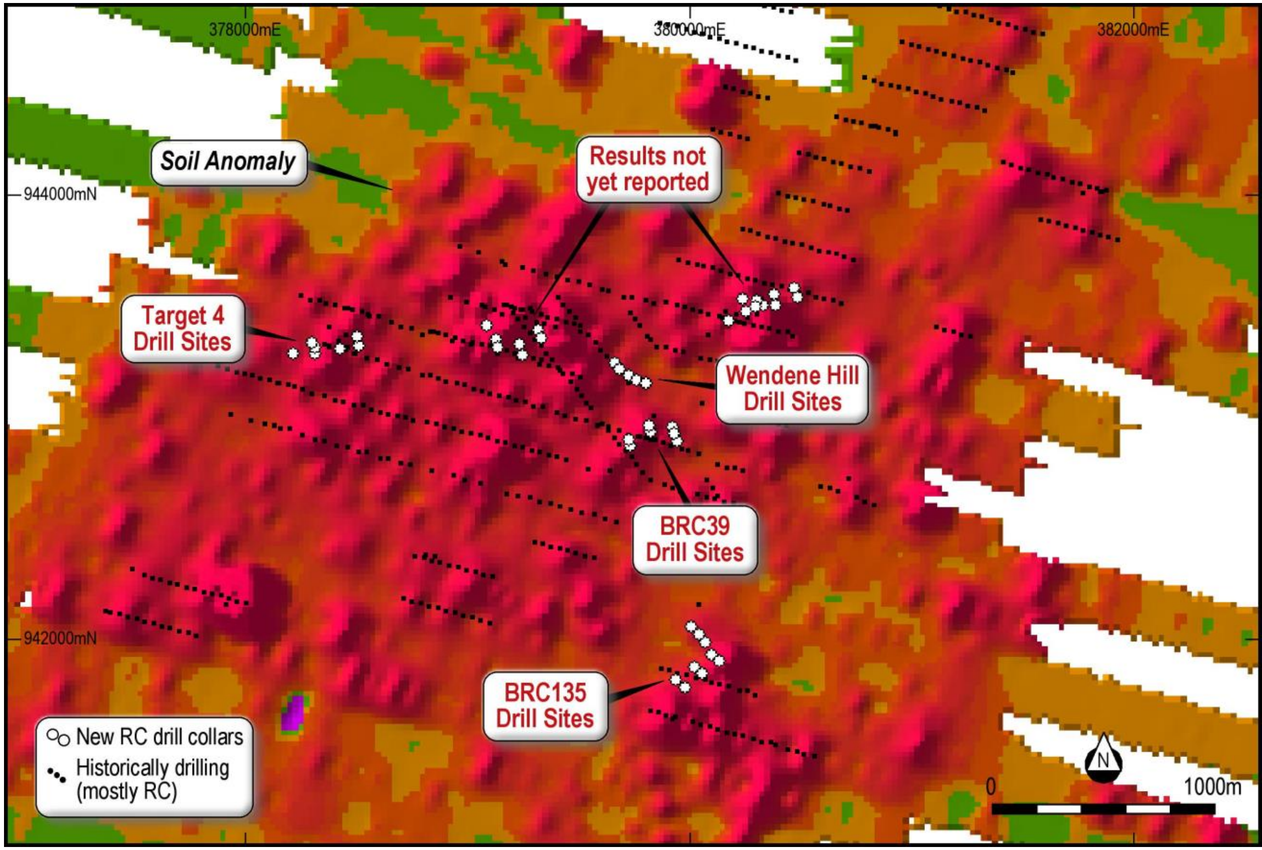
Cote D'Ivoire

Progress-WAVI JV - Bobosso Project

- **Huge gold system - 7km^2** strong soil Au anomaly,
- New drilling shows that historical drilling mostly in wrong direction
- New good RC intercepts (ASX release 16/1/18) incl.:
  - **11m at 4.9g/t Au** from 5m
  - **28m at 2.18g/t Au** from 5m
  - **18m at 2.05 g/t Au** from 9m
  - **19m at 1.28g/t Au** from 73m
  - **19m at 2.13g/t Au** from 3m
  - **21m at 1.59g/t Au** from 61m
- Good widths, mineralisation continuity in 4 prospects
- PDI:Progress:WAVI equities will be 30:30:40 once US$1m spend finalised

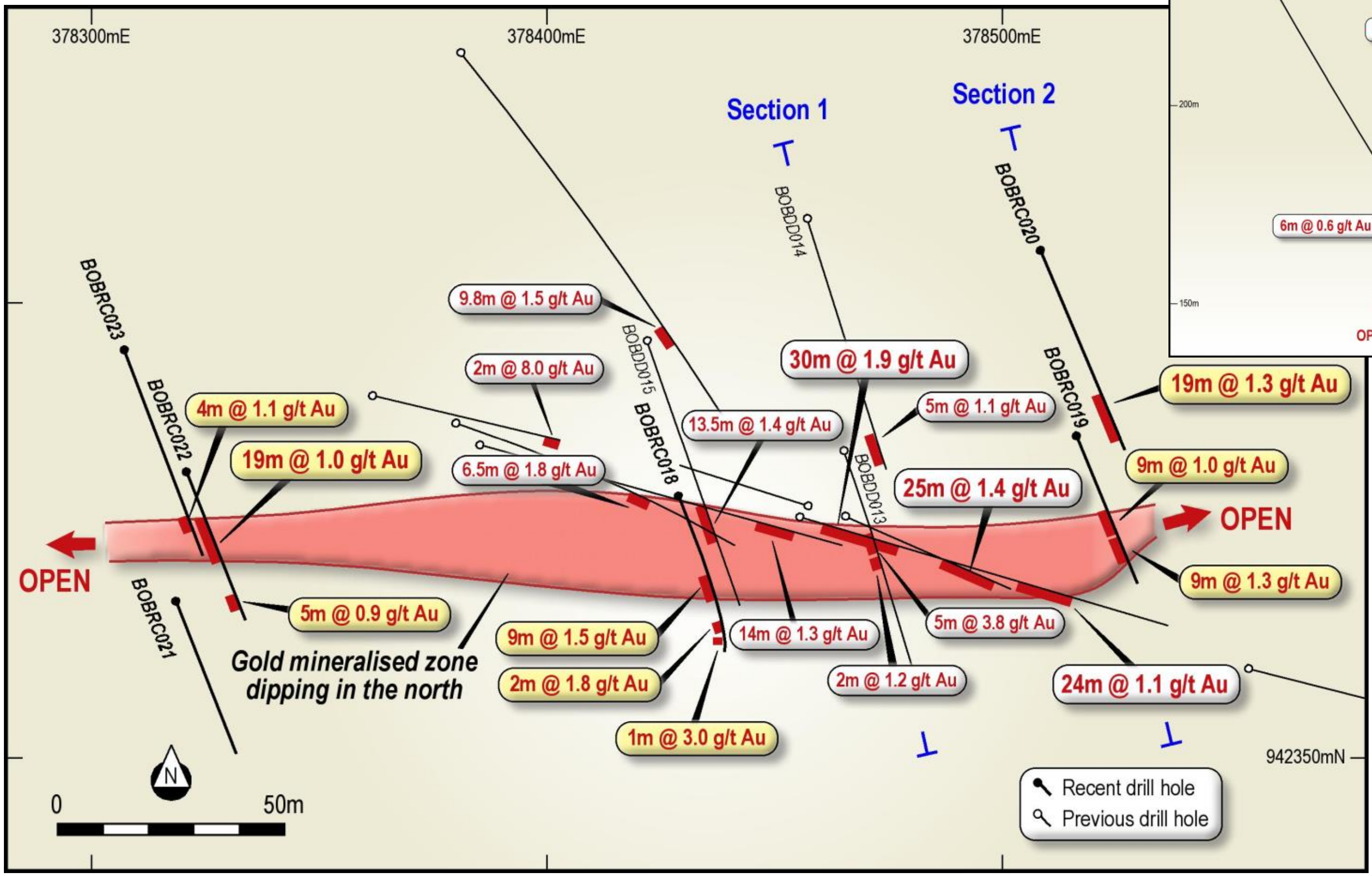
Gridded gold-in-soil geochemical image and drill locations

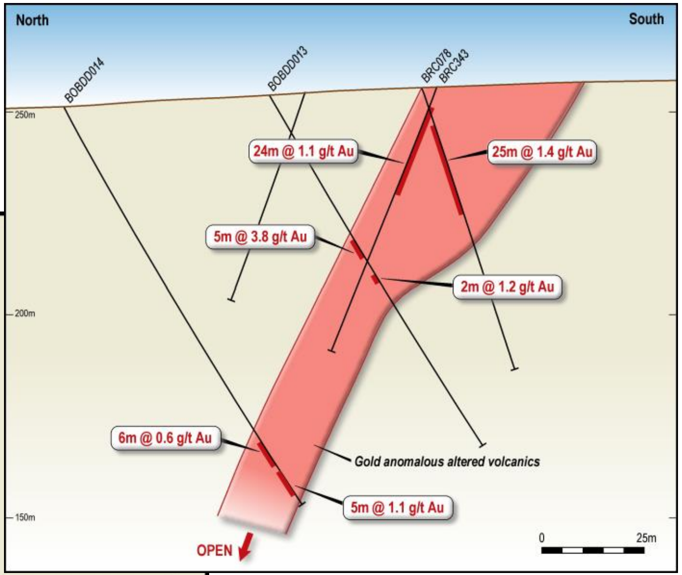
(red peaks = high values)



Cote D'Ivoire
New Bobosso Drill Results

East-west mineralised zone tested previously by ESE oriented drilling. New results demonstrate mineralisation continuity



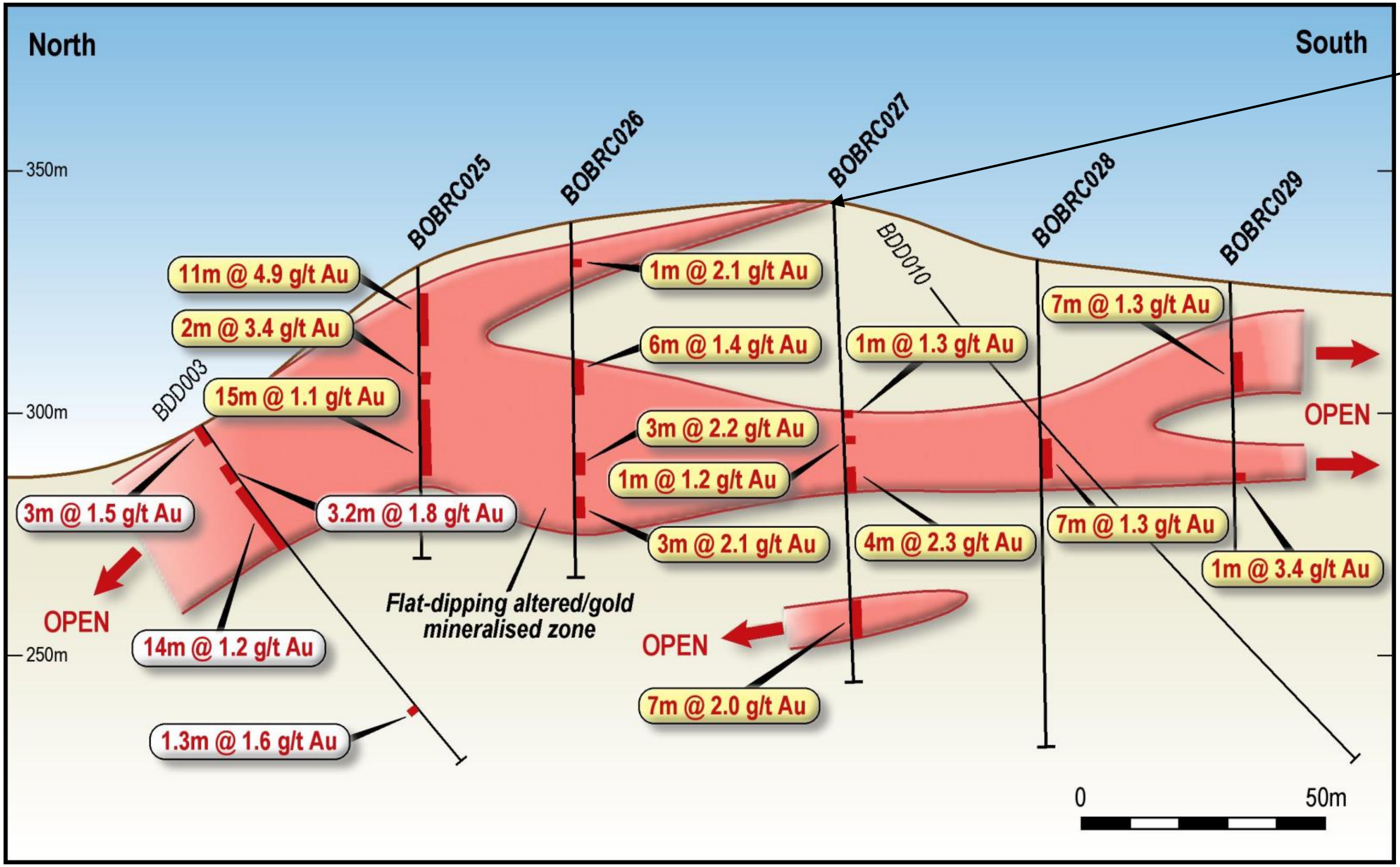


Section 1

Drill results released to the ASX on 28/10/15, 20/7/17 and 16/1/18

Cote D'Ivoire

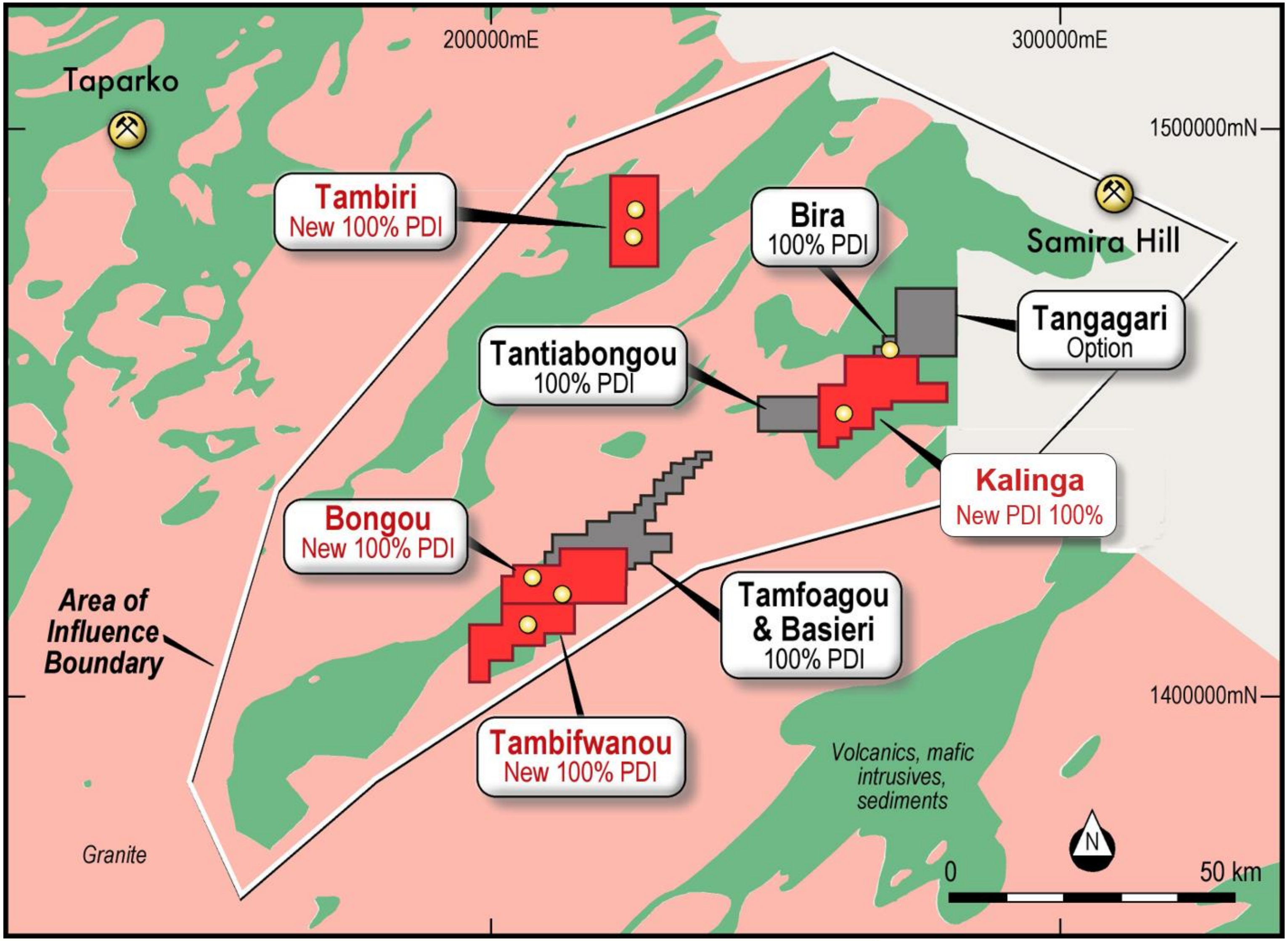
Bobosso Project – Flat gold mineralisation



Drill results released to the ASX on 28/10/15 and 16/1/18

Burkina Faso – Major ground position, advanced project

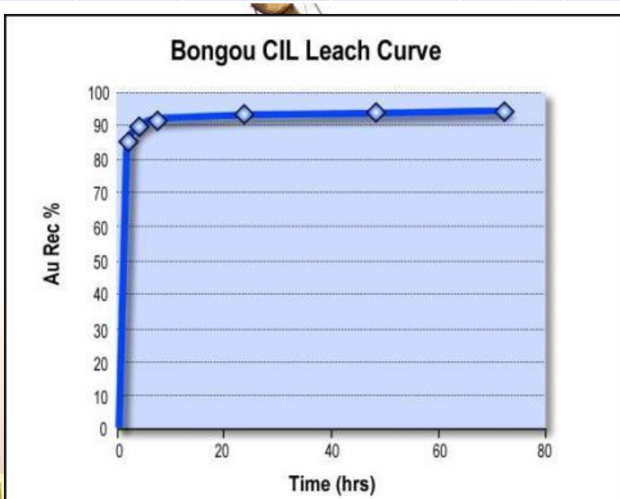
- 90km of strike of gold mineralised Samira Hill Belt
- JV with Progress Minerals (within AOI)
- Progress earning 70% by spending US$5m
- Bongou discovery, many other prospects, Bira current drilling focus



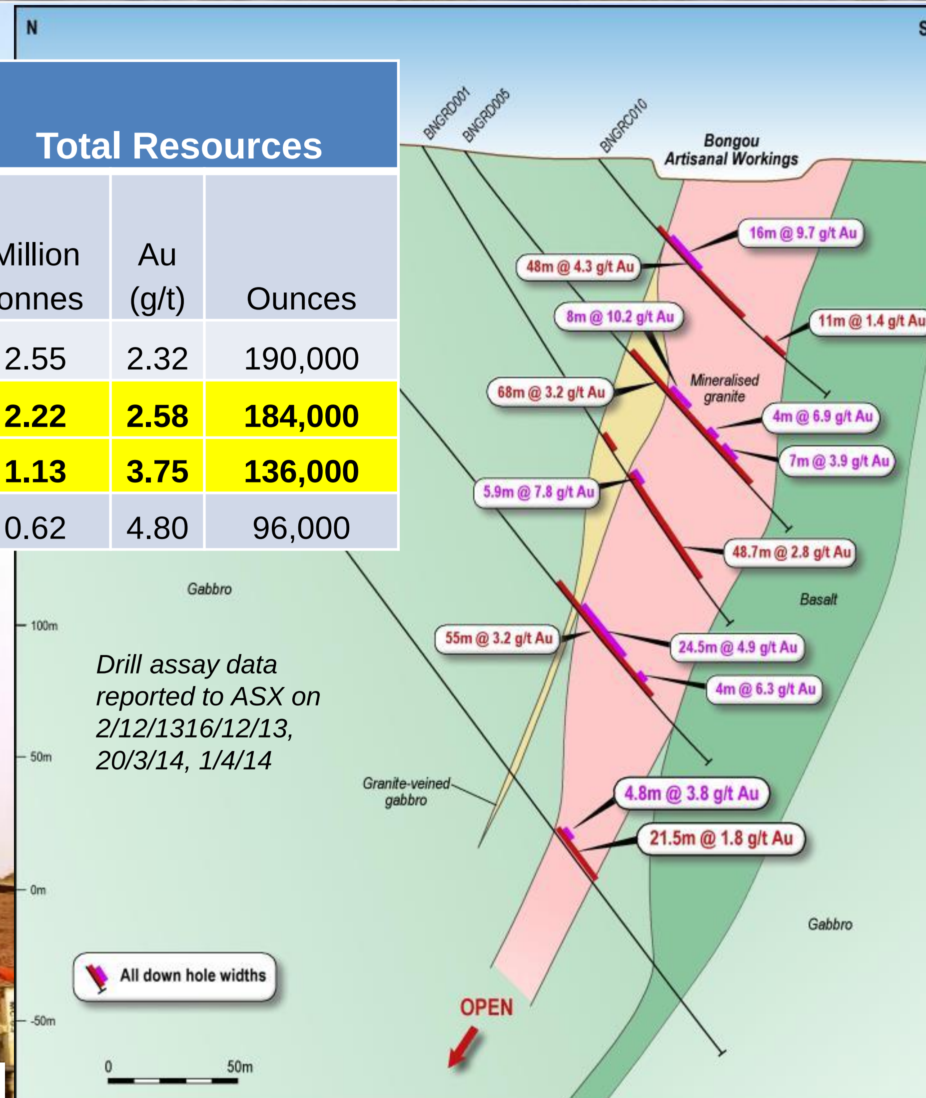
Bongou Gold Discovery

Mineral Resource Estimate (Reported to ASX on 4th Sept 2014)

	Indicated Resources			Inferred Resources			Total Resources		
Cut-off grade	Million tonnes	Au (g/t)	Ounces	Million tonnes	Au (g/t)	Ounces	Million tonnes	Au (g/t)	Ounces
0.4	1.21	2.54	99,000	1.33	2.13	91,000	2.55	2.32	190,000
0.8	**1.14**	**2.67**	**98,000**	**1.09**	**2.48**	**86,000**	**2.22**	**2.58**	**184,000**
2.0	**0.64**	**3.64**	**75,000**	**0.49**	**3.90**	**61,000**	**1.13**	**3.75**	**136,000**
3.0	0.34	4.68	52,000	0.28	4.95	45,000	0.62	4.80	96,000

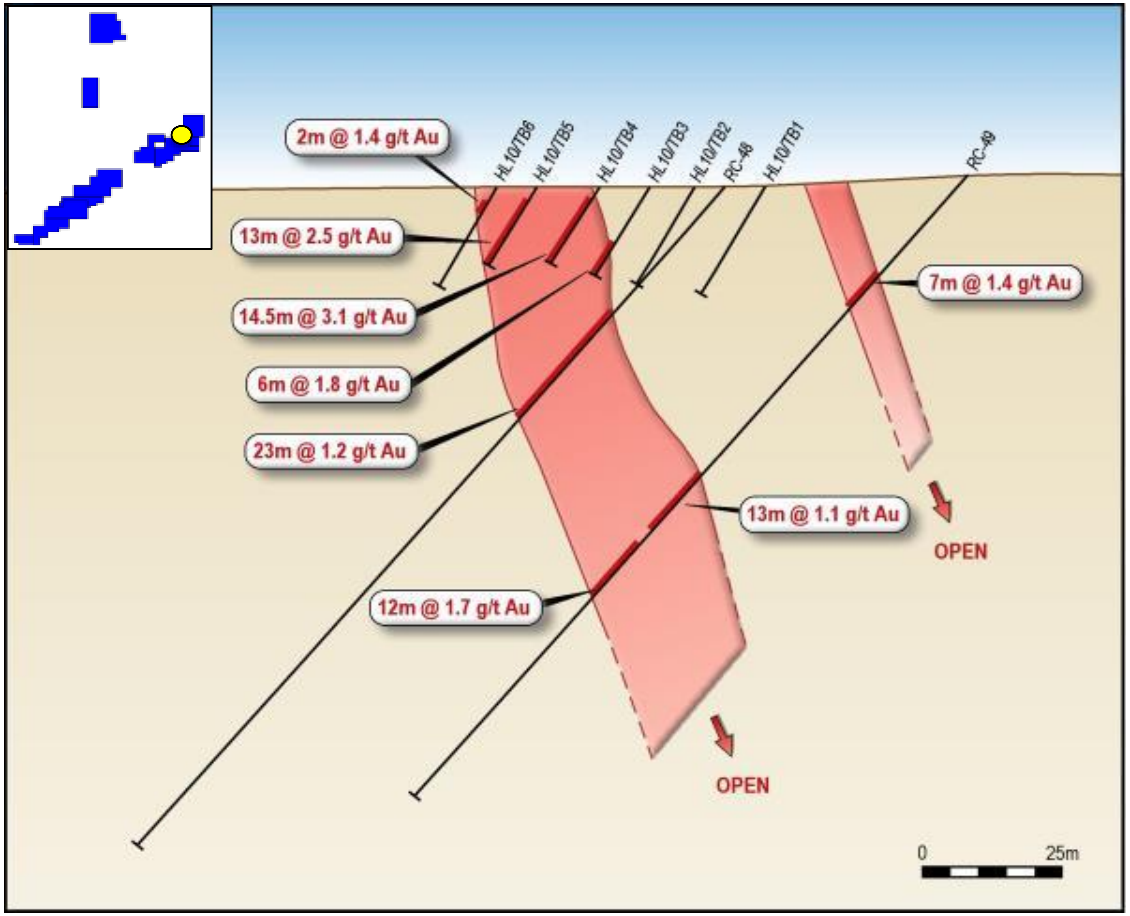


Note: These metallurgical results were reported to the ASX on 14 May 2013. This information was prepared and first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported



Bira Prospect
Focus of current RC drilling

- 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. This information was prepared and first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported

Expanding Footprint & Increased Drilling in W Africa

News flow/share price catalysts

Item	2018
Burkina JV (Progress)	Power auger & **RC drilling** on Bira and Kalinga permits, leading towards **resource estimation**. Geochemistry and drilling elsewhere in Burkina package.
Ferkessedougou North and Ferkessedougou South	**RC drilling** on both areas, Trenching also on Ferkessedougou South
Boundiali, Cote D'Ivoire (Toro)	Soil geochemistry on new Boundiali North permit (on grant) followed by **RC drilling**
Kokoumbo-Beriaboukro, Cote D'Ivoire (Toro)	.Geological review followed by **RC/DD drilling**
Bobosso, Cote D'Ivoire (Progress-WAVI)	Review new drill results**, preliminary metallurgy**, regional exploration incl. Dabakala permit (to north).
New West African projects	6 new gold-focused permit applications in Cote D'Ivoire; commence geochemistry/geology work on grant. **New projects** in Burkina Faso/Mali, possibly Cote D'Ivoire.

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West African Gold Explorer

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