

Disclaimer

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.

This presentation contains a number of forward-looking statements. Known and unknown risks and uncertainties, and factors outside of Predictive's control, may cause the actual results, performance and achievements of PDI to differ materially from those expressed or implied in this presentation.

To the maximum extent permitted by law, PDI does not warrant the accuracy, currency or completeness of the information in this presentation, nor the future performance of PDI, and will not be responsible for any loss or damage arising from the use of the information. The information contained in this presentation is not a substitute for detailed investigation or analysis of any particular issue. Current and potential investors and shareholders should seek independent advice before making any investment decision in regard to Predictive or its activities.

Competent Person Statement

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.



Africa's Golden Triangle

Guinea, Cote D'Ivoire, BurkinaFaso

14 EXCITING GOLD PROJECTS

Across West Africa Birimian Greenstone Belt 6,000km² OF LAND

across Guinea, Cote D'Ivoire and Burkina Faso

Cote D'Ivoire Toro Gold Joint Venture

- 10,000m of RC drilling at Boundiali
- Trenching underway at Ferkessedougou North

3 new 100% owned permits in Guinea

 BLEG stream sediment geochemistry, rock-chip sampling and geological mapping underway

Highly Focused team >10 years exploring for gold in West Africa

Progress Bobosso Project free carry









Increasing Exposure, Mitigating Risk

A Proven Model for Value Creation

Multiple projects
partnered with multiple
partners at any given time

Increases the chance of exploration success and share price increase





Traditional Model vs. Project Generator

Partnering expertise and driving discovery

SCENARIO	TRADITIONAL JUNIOR	PROJECT GENERATOR	
Projects	Few (1-2 Flagships)	Multiple (+5)	
Discover Goal	Single	Multiple	
Risk Profile	low chance of producing single mine	high chance of producing <u>one or more</u> mines	
Team/Expertise	Joint MD/Geo role	Multiple expert teams across numerous partner projects + numerous internal exploration teams coordinated by MD	
Primary Funding	Equity	Equity, Partners: Exploration Expenditures, Cash, Shares, Royalties	
Scenario	100% of a single Discovery	30% of Multiple Discoveries \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc	



Driving Newsflow 2018-19 Field Season Work Program

	AGREEMENT	PREDICTIVE JV EQUITY	MARCH QUARTER	JUNE QUARTER
COTE D'IVOIRE				
Boundiali Project (Boundiali and Boundiali North permits)	Toro JV	30%	Receive infill soil sampling results, trenching and begin 10,000m RC/DD drilling program	Drilling program continuing
Ferkessedougou North Project	Toro JV	30%	Complete trenching, followed by drilling program	Additional drilling - if good results continue
Other JV permits	Toro JV	30%	Review future exploration (enabling focus on	Boundiali and Ferkessedougou North) options
New permit applications (Issia, Tienegboue, Bocanda N)	None	100%	Receive one or more permit grants	BLEG stream sediment sampling, rock chip sampling, geological mapping
Bobosso Project	Progress Minerals	0% (with rights to future mine production payments)	ongoing drilling	
GUINEA				
Current authorisations	None	100%	BLEG stream sediment sampling, rock chip sampling, geological mapping	Soil sampling, trenching
New ground	None	100%	Acquire more ground	BLEG stream sediment sampling, rock chip sampling, geological mapping
BURKINA FASO				
New permits (Kourakou, Laro, Bolle)	None	100%	Commence BLEG stream sediment sampling, rock chip sampling, geological mapping	Ongoing geochemical surveys
Progress JV Projects (Area of Influence - Bira, Bongou and Tambiri Projects)	Progress Minerals	49%	Timing of drilling (15,000m RC program) recommencement undecided	
MALI				
New ground	None	100%	Ongoing discussions with possible partners and	geochemical evaluations of new areas



Cote D'Ivoire Projects

Potential for multiple large gold discoveries with partner funded drilling

2019 JV project focus

BOUNDIALI/ BOUNDIALI NORTH

- 649km² Project Area
- High-grade drilling results
- 20km of gold-in-soil anomalies
- 10,000m of RC drilling planned

FERKESSEDOUGOU NORTH

- 400km² Project Area
- 17km-long gold-in-soil anomalous trend
- Highly-encouraging drilling & trenching results
- Further drilling planned

JOINT VENTURE PARTNER TORO GOLD

- Experienced West African Producer (Senegal)
- Funding exploration activity in Cote D'Ivoire





Boundiali Project

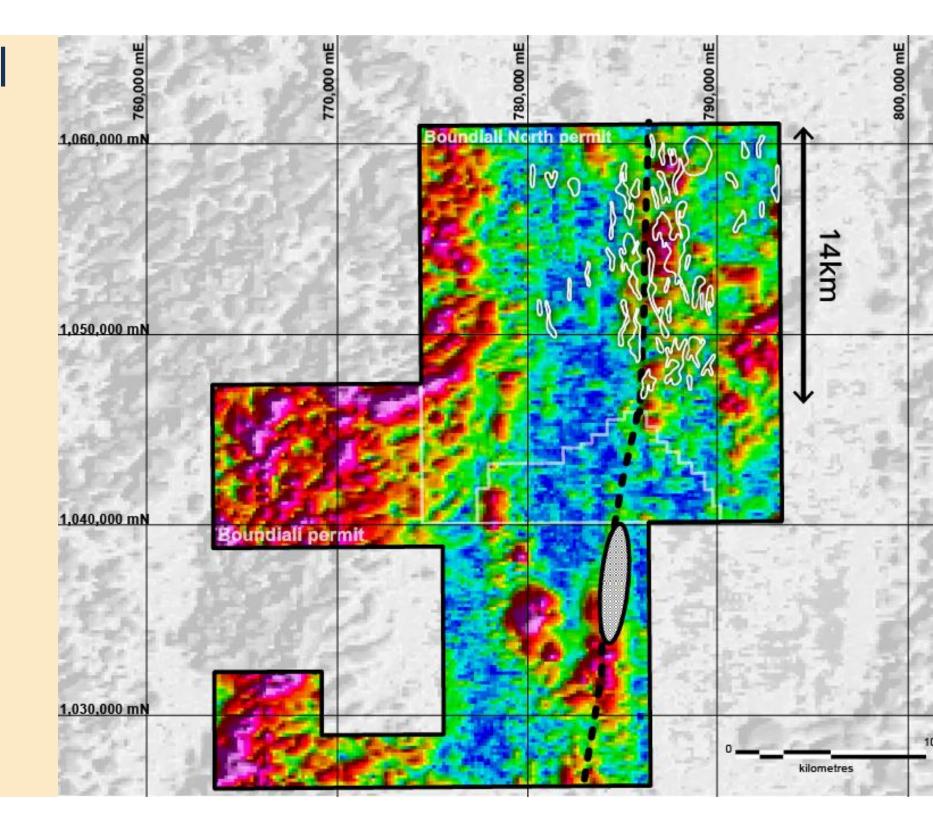
2 Permits - 20km of gold-in-soil anomalies

BOUNDIALI NORTH

- 14km long gold anomaly

BOUNDIALI

- 6km-long Nyangboue gold mineralised zone²
- Multiple opportunities to host large gold systems
- Visible gold in core and RC chips
- 1.2 km long gold mineralised zone with best intercepts (near surface)²
 20m @ 10.5g/t Au,
 30m @ 8.3g/t Au,
 28m @ 4.0g/t Au.





¹ ASX release dated 26/11/18

² ASX releases dated on 23/6/16, 25/7/16, 8/8/16, 12/9/16, 13/10/16, 17/5/17 and 29/5/17

Boundiali North

10,000m of RC drilling

2019 DRILLING PROGRAM

Drill-testing the 14km-long gold anomalous zone including¹:

- Northern Zone: 1.5km long, 900m wide, peak values of 707ppb and 579ppb Au
- Central Zone: 2.7km long, with peak values of 317ppb, 414ppb
- Infill drilling Nyangboue Prospect RC or DD





Ferkessedougou North

17km long gold-in-soil trend

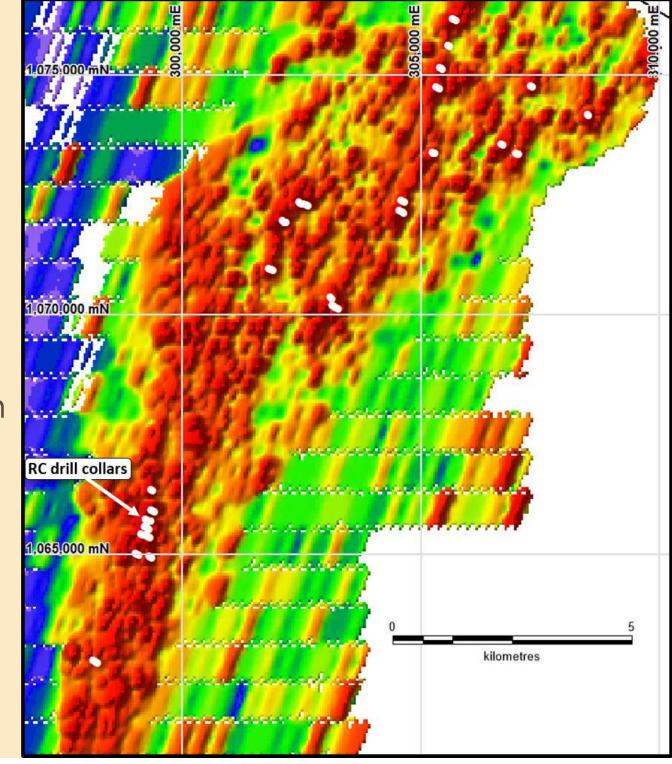
2019 DRILLING PROGRAM

2018 5,000m RC drilling program yielded very-encouraging results

Very limited drilling vs. scale of huge (17km-long) soil anomaly

Best intersections include:

- 25m at 3.06g/t Au from 64m, including 13m at 5.35g/t Au (ended in mineralisation)
- 14m at 1.20g/t Au from 25m,
- 9m at 1.47g/t Au from 39m,
- 2m at 5.44g/t Au from 45m,
- 13m at 0.97g/t Au from 4m,
- 24m at 0.67g/t Au from 22m, and 0.67g/t Au from 0m





Ferkessedougou North

Previous IP survey demonstrates a good correlation between:

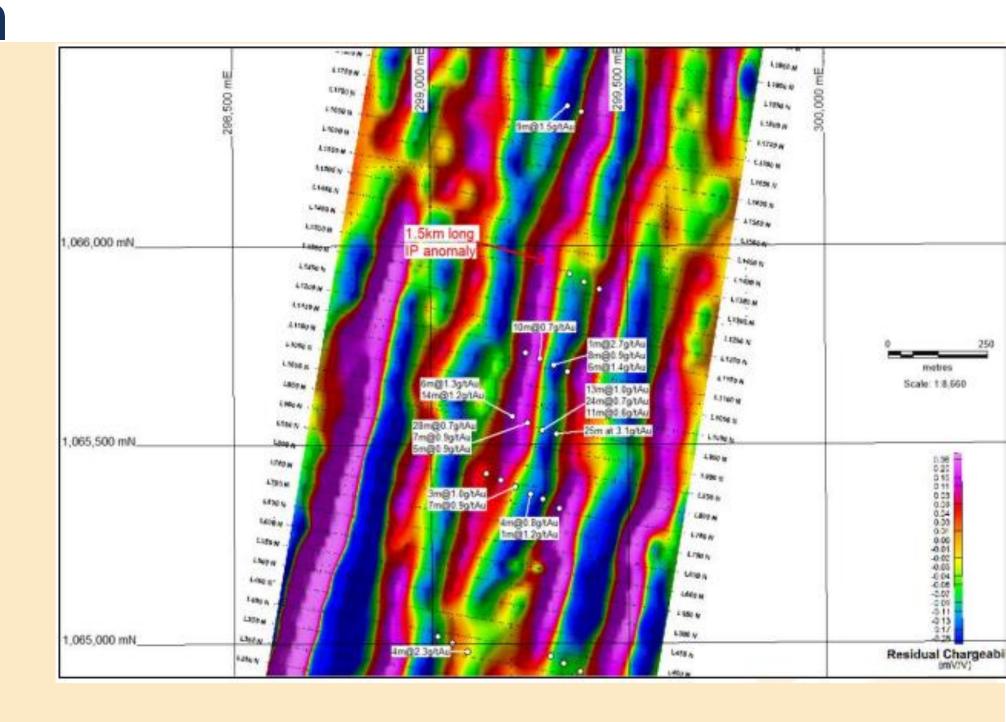
- 1.5km-long chargeable anomaly
- previous drilling intercepts

2018-19 FIELD PROGRAM

Trenching in progress on the new IP anomalies with initial results imminent.

PLAN FORWARD

Trenching results to be assessed in combination with previous drill results to plan next drilling program.





Guinea Projects

Three 100% owned Reconnaissance Authorisations

300km² covering highly-prospective Siguiri Basin within the Birimian gold belt

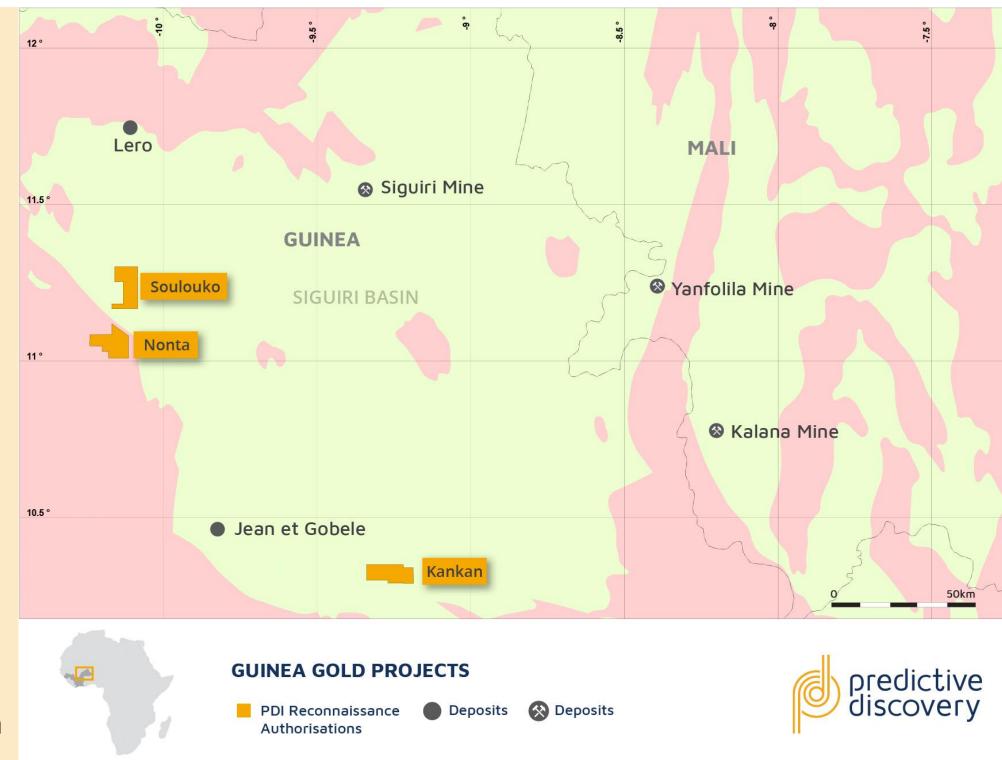
Widespread artisanal workings and nearby Anglogold Siguiri Mine +10Moz

2019 FIELD PROGRAM

Low-cost field work:

- BLEG stream sediment geochemistry
- Rock-chip sampling
- Geological mapping
- Soil sampling

Aiming for December 2019 Qtr RC drilling program





Burkina Faso

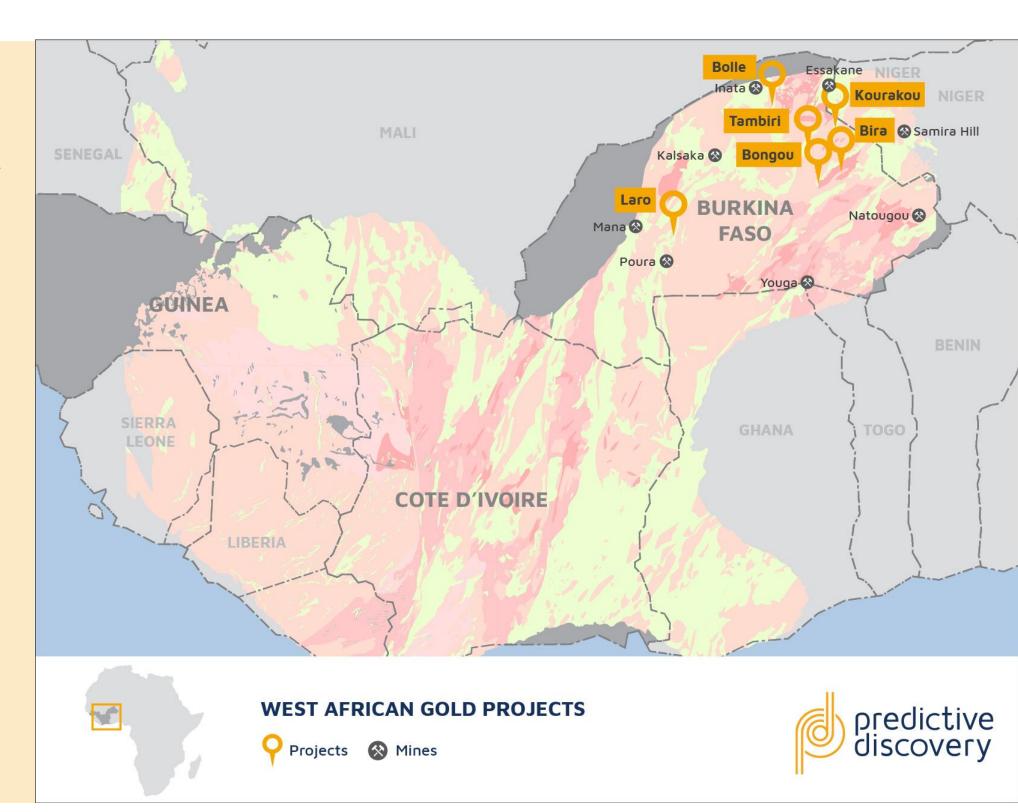
90km of strike of gold mineralised Samira Hill Belt

JV with Progress Minerals (within AOI)

Progress earning 70% by spending US\$5m

Existing Bongou resource

Bira excellent initial drill results





Burkina JV - Bira Prospect

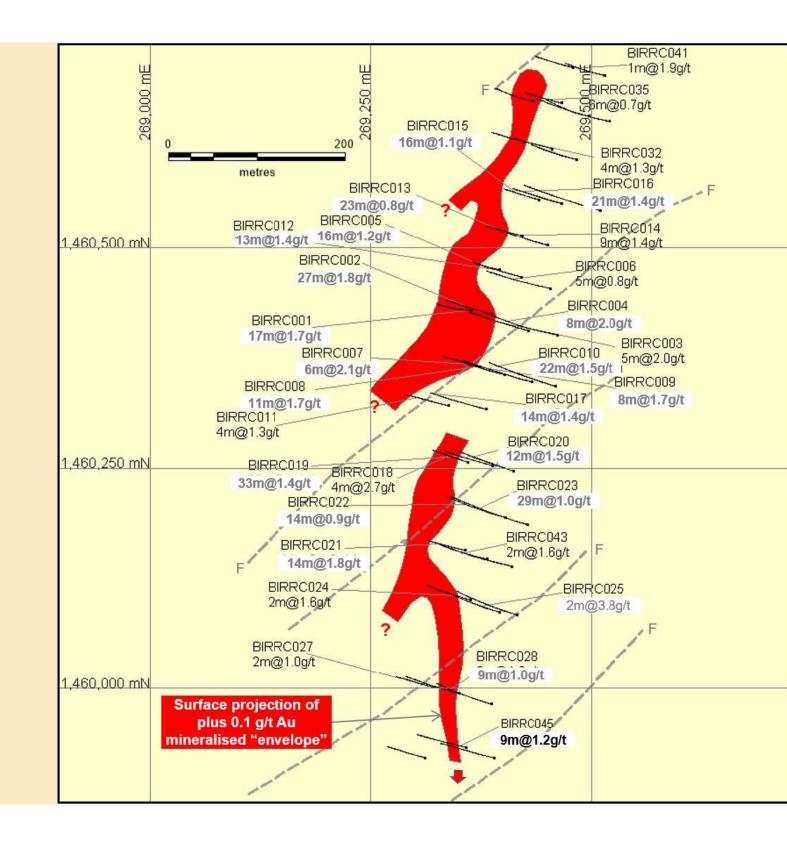
20km - zone of gold anomalies

Best Results¹:

- 27m at 1.8g/t Au from 23m 33m at 1.4g/t Au from 51m
- 17m at 1.7 g/t Au from 2m 22m at 1.5g/t Au from 115m
- 21m at 1.4g/t Au from 72m 14m at 1.8g/t Au from 45m
- 14m at 1.4g/t Au from 98m
- 29m at 1.0g/t Au from 79m

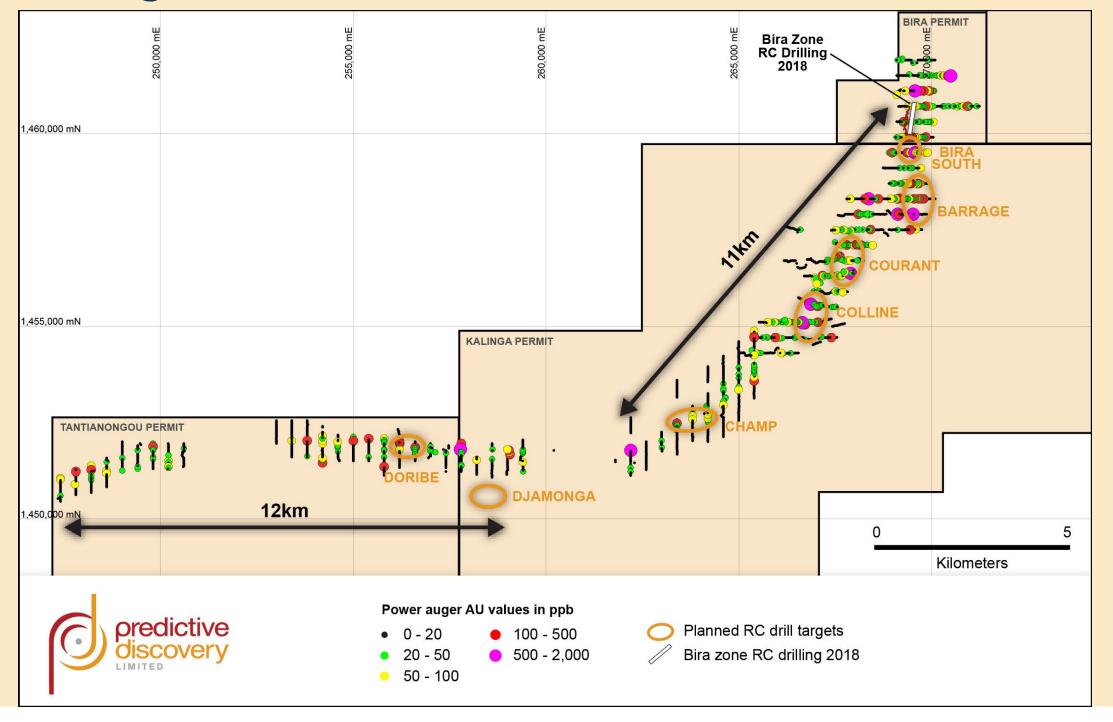
Excellent continuity, open to depth/along strike

Excellent indicative metallurgy¹





Burkina JV - Bira Prospect 20km - zone of gold anomalies





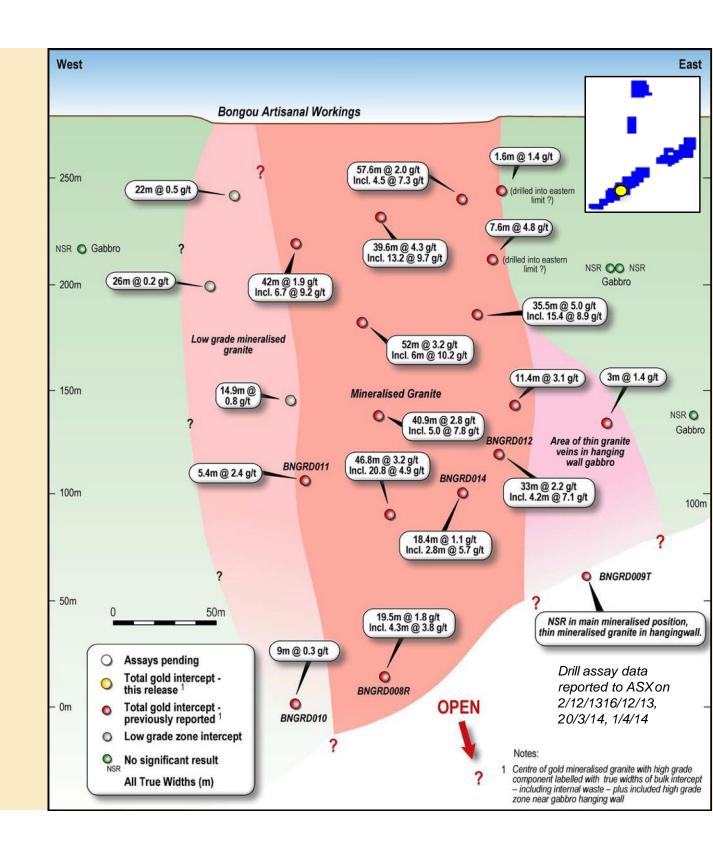
Bongou Gold Discovery

Mineral Resource Estimate

(Reported to ASX on 4th Sept 2014)

Tatal	Docolikooc	lodicataa	& Inferred
lolat	RESOURCES	moncareo	
	TACOCALCCO		

Cut off grade	Million tonnes	Au (g/t)	Ounces
0.40	2.55	2.32	190,000.00
0.80	2.22	2.58	184,000.00
2.00	1.13	3.75	136,000.00
3.00	0.62	4.80	96,000.00





Generating Opportunity Leveraging partnerships to explore West Africa

Investment exposure to world class gold opportunities

Prospect Generator potential plus millionounce projects across numerous projects, with limited downside risk

Expansive holdings in West Africa's golden triangle

6,000km² across multiple projects in Cote D'Ivoire, Mali and Burkina Faso

Multiple partner-funded drill programs in West Africa

Drilling imminent at Boundiali and Ferkessedougou North with multiple opportunities to host large gold systems

Leveraging partner expertise to pursue growth

Partner teams expanding the growth opportunities across projects



Notes



