

# papillon

RESOURCES

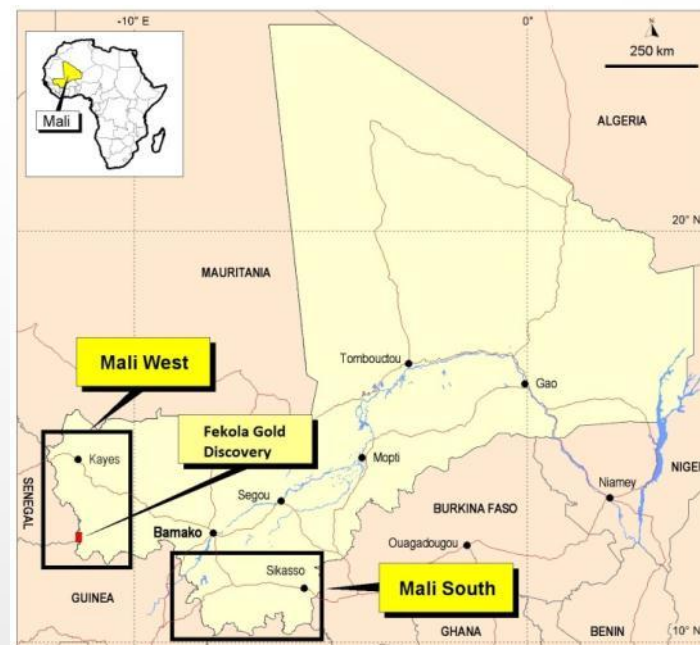


*Advancing the Fekola Gold Project in Mali, West Africa* | ASX:PIR

28 November 2011

# Executive Summary

- Focus on advancing a major new gold discovery at Fekola, Mali West
- Near surface mineralization, with wide and high grade intercepts, extending beyond 1.6km strike
- Encouraging metallurgical test work results
- Extensive A\$10M infill, extension & exploration drilling programme underway
- Experienced Board and Management with proven record of success in Africa
- Large strategic footprint in Mali West and Mali South



# Mining in Mali

- 3<sup>rd</sup> largest gold producer in Africa
- Politically stable
- Internationally competitive mining code
- Favourable fiscal regime for miners
  - Free of corporate tax for first five years of mining
  - Three year moratorium on import duties for miners (full moratorium for exploration period)
  - 3% royalty on revenues
  - 10% government participation at decision to mine and the option to acquire another 10% at market value
- No restrictions on foreign investment
- No restrictions on capital flows in and out of Mali



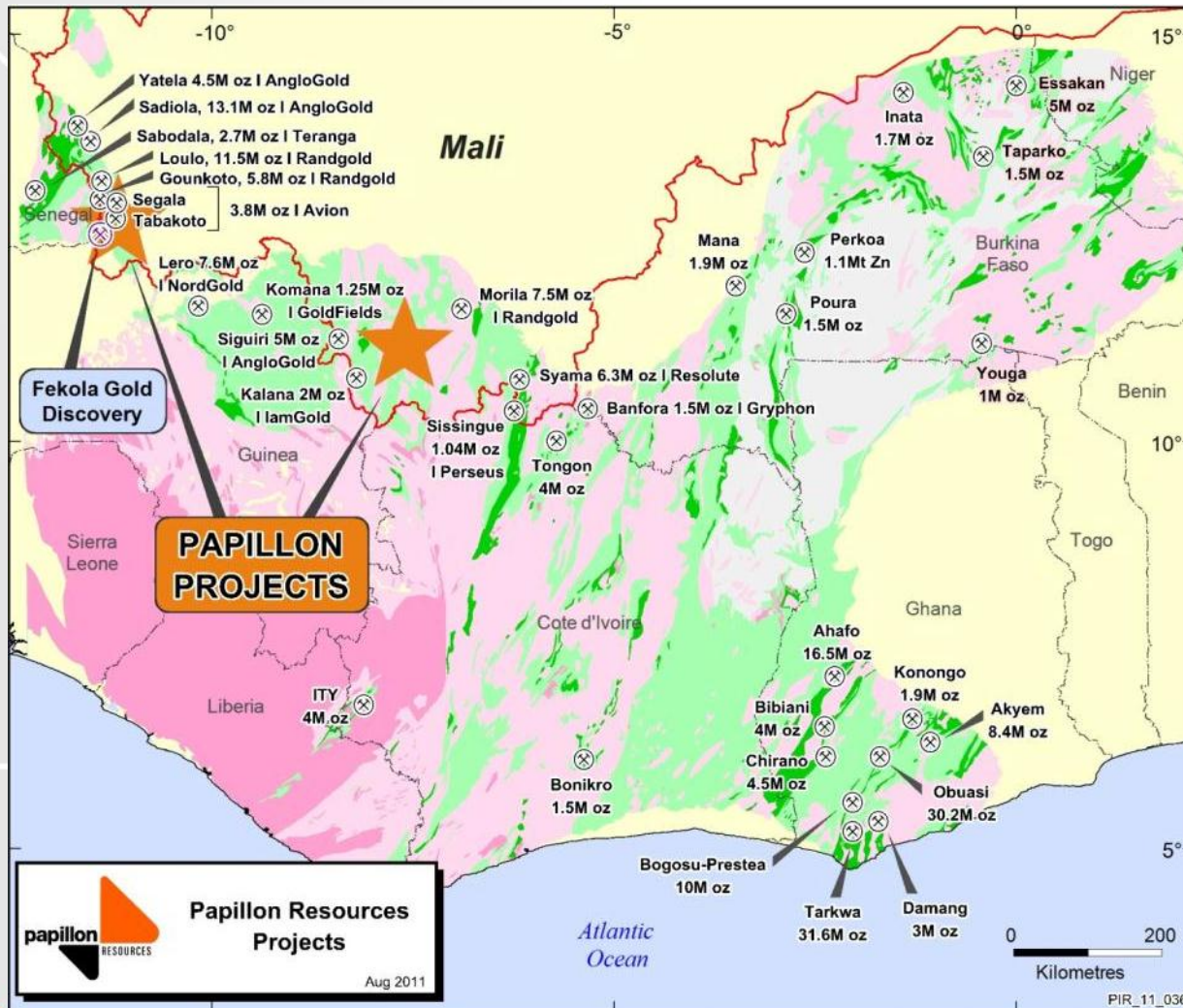
*Papillon Resources Operations Manager, Eric Chantelat, with Mali Mines Minister, Amadou Cisse*

## Mining Companies Operating in Mali





# Papillon Project Locations: Target Rich Exploration Package



## Mali Fast Facts

**Area:** 1,240,140 Sq Km

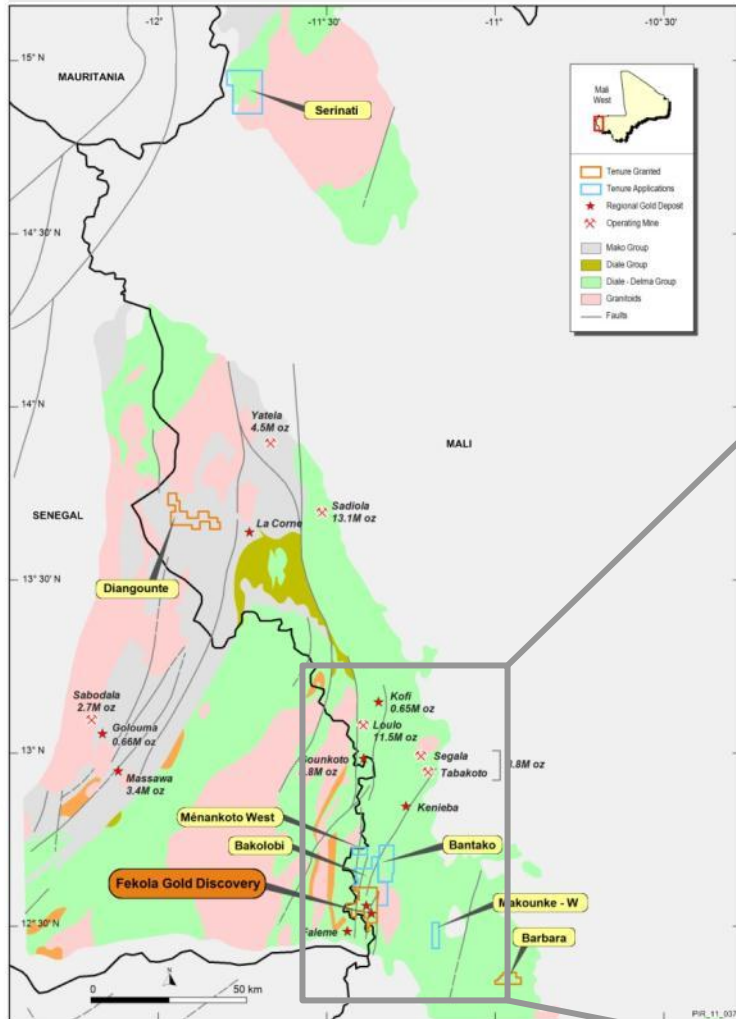
**Capital:** Bamako

**Money:** 1€ = 656CFA

**Population:** 14.7 Million



# Mali West: +22Moz Regional Gold Province

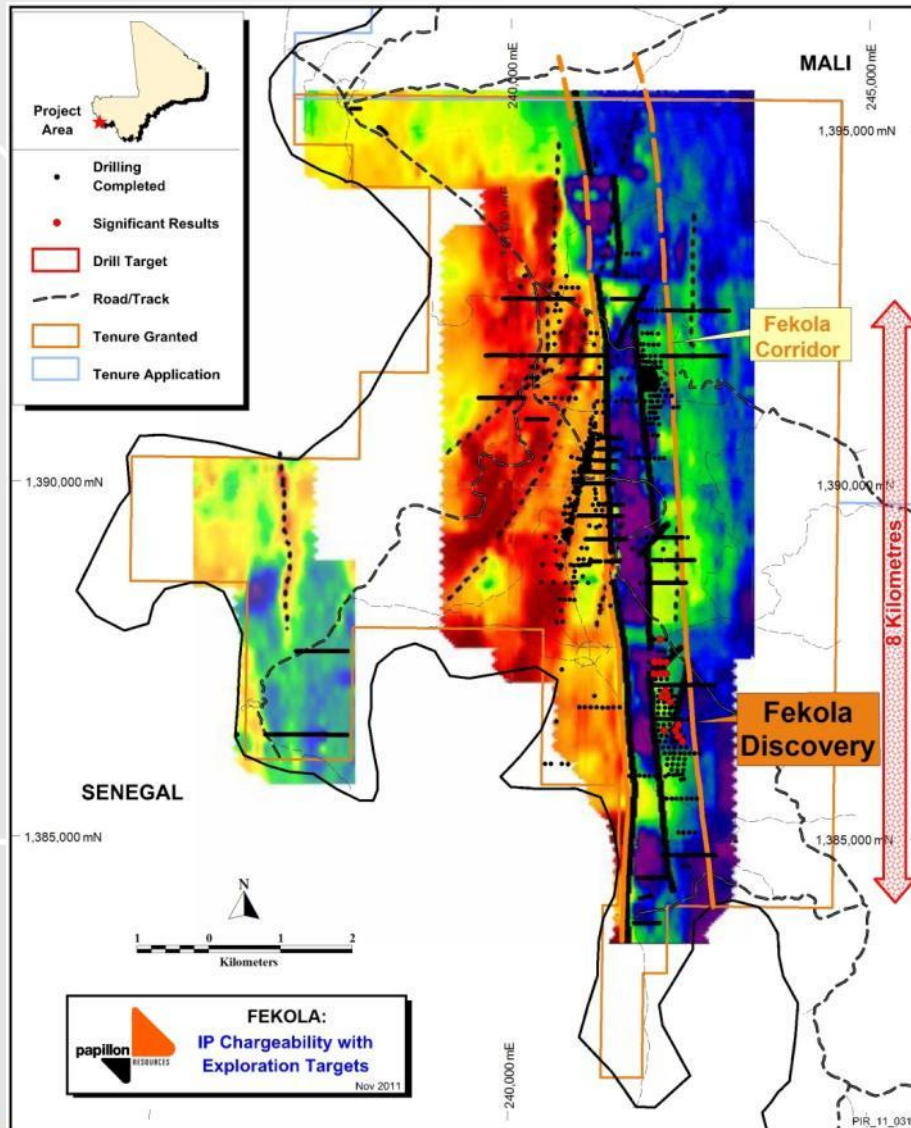


- +22Moz gold within 60km on same structural corridor as Fekola
- Papillon controls, or has applications, covering 25km of strike length in this corridor





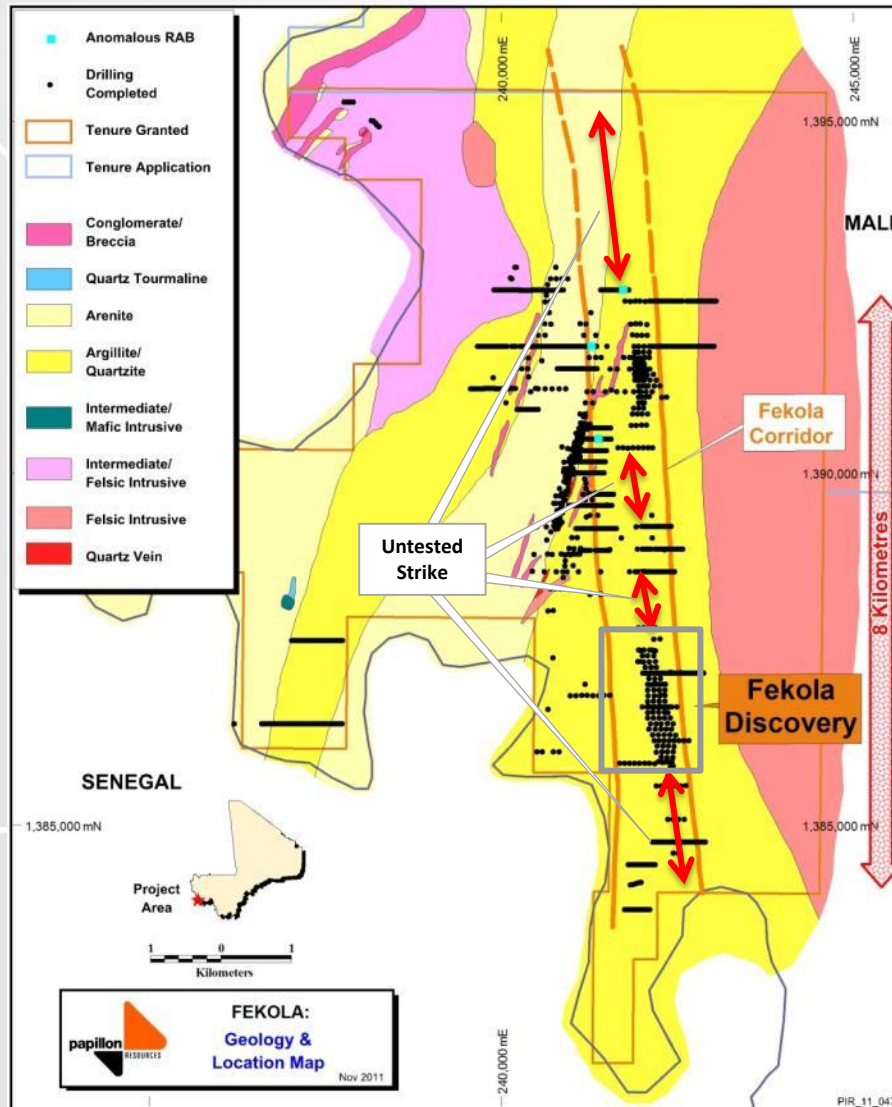
# Focus: Fekola Project



- Fekola structural corridor extends over +8km
- Tenement is 80% owned by Papillon Resources
- Numerous drill targets along the strike of the Fekola Corridor
- Extension and infill drilling underway
- Multiple additional targets identified within the tenement



# Fekola Project: Priority Drill Targets

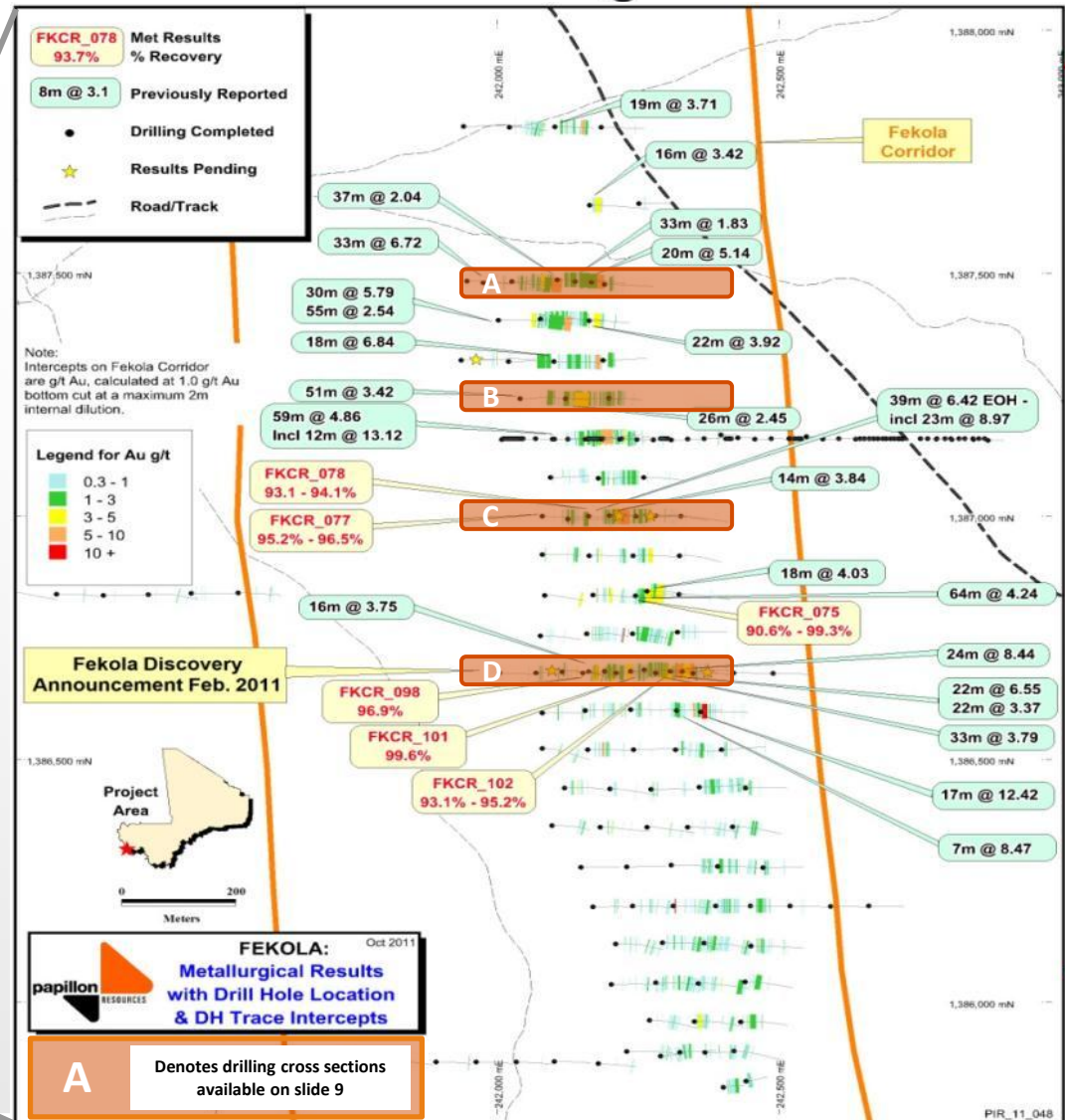
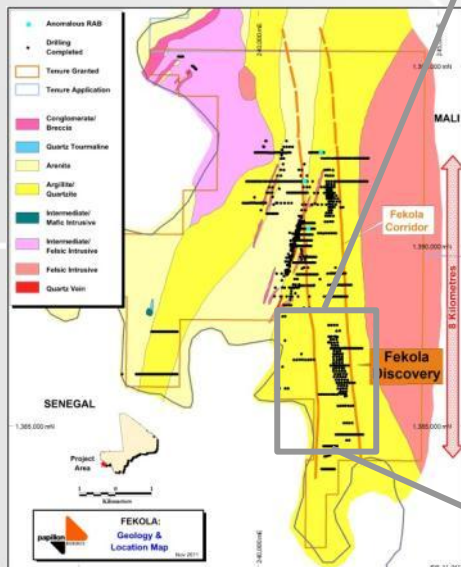


- Infill drilling at the main Fekola Discovery
- Extension drilling of significant untested strike (+8km) north and south of the Fekola Discovery
- Exceptional results received to date from infill and extension drilling
- Extensive near surface mineralization, open at depth
- Significant potential for resource growth

# Fekola Discovery: Drill Hole Location Map & Trace Intercepts



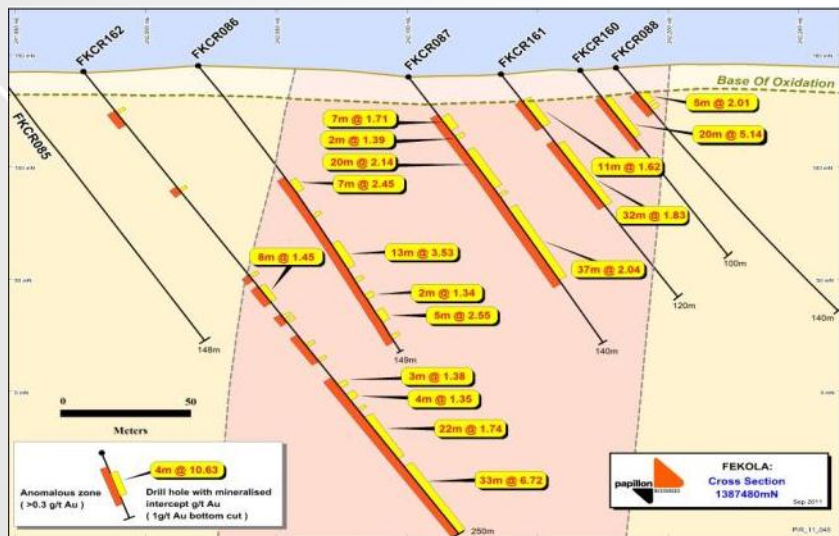
- Strike extends beyond **1.6km**
- Mineralisation remains **open at depth and along strike**
- Preliminary **metallurgical test work** returning a mean recovery >95% across all sample



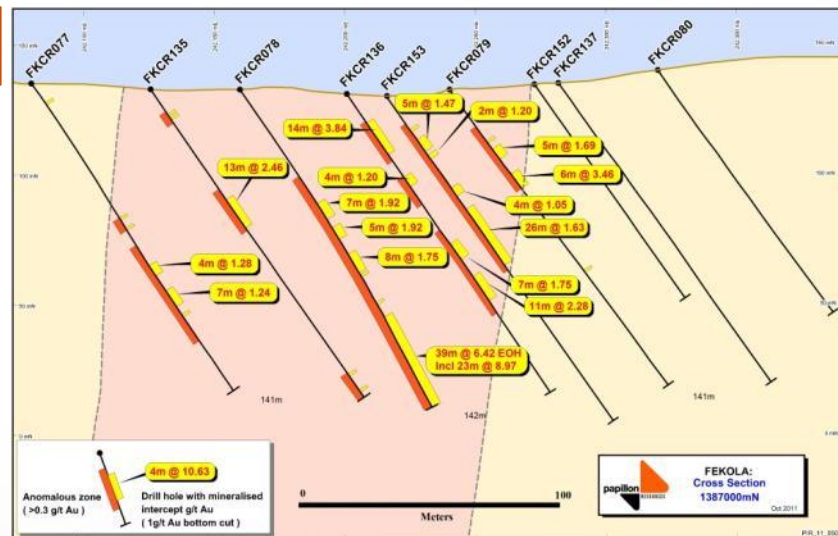


# Fekola Discovery: Selection of Cross Sections over 800m of Strike

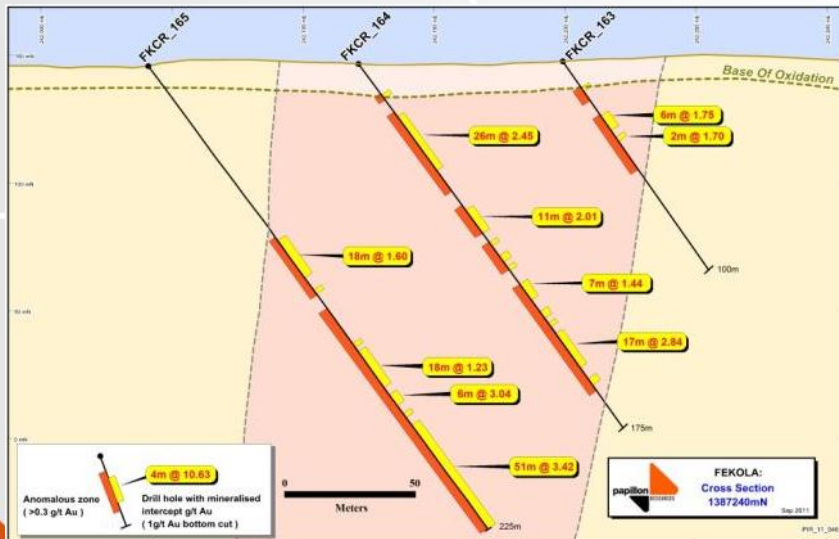
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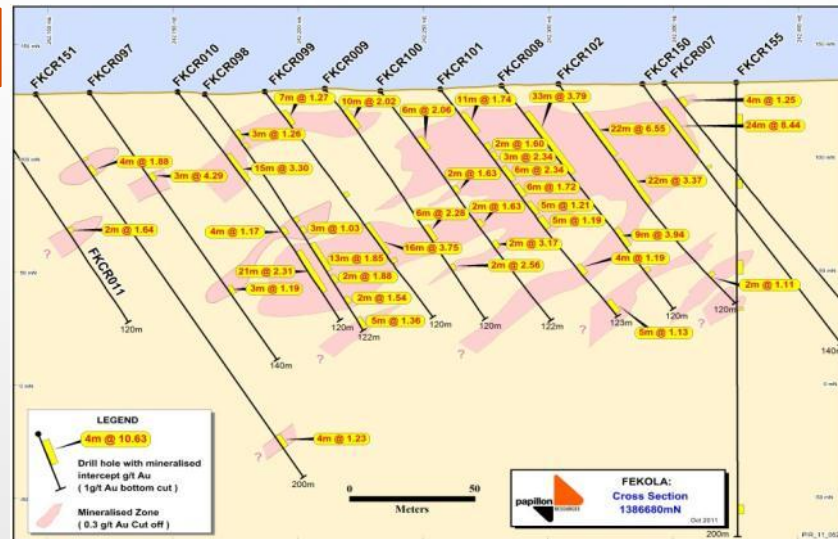
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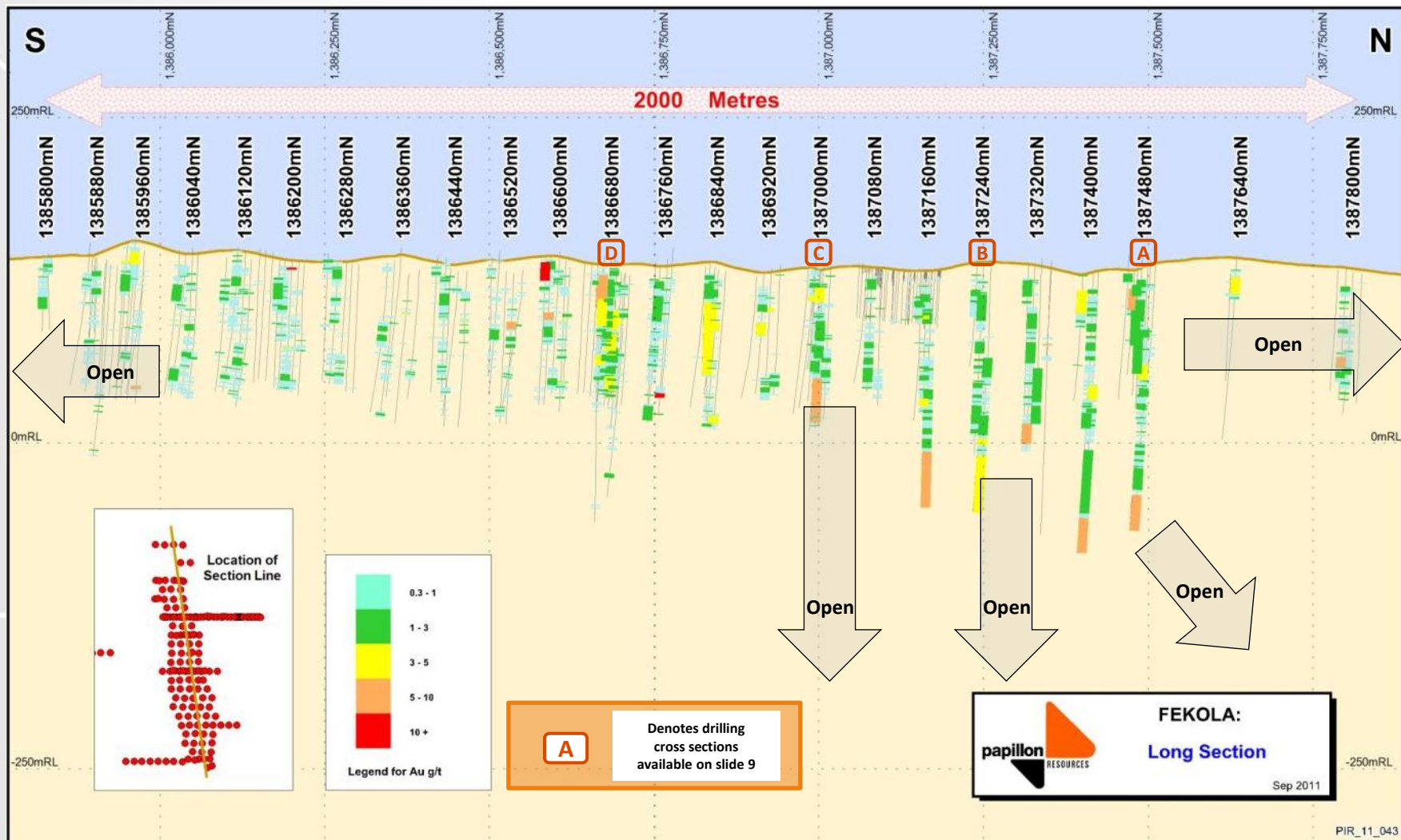
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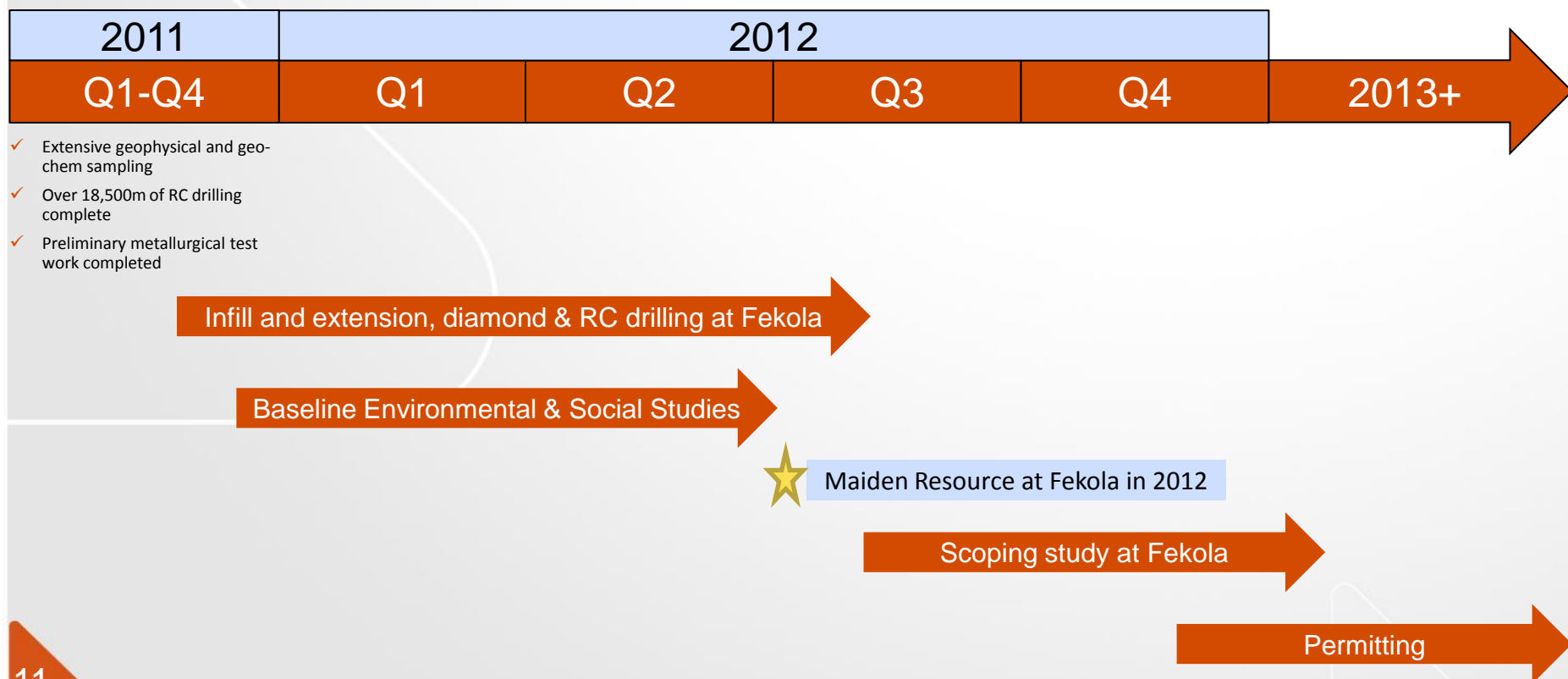
# Fekola Discovery: Long Section



# Fekola Discovery: Indicative Timeline of Potential Development Milestones



- Considerable progress made since discovery in February 2011
- Aggressive infill drilling program being undertaken at Fekola to delineate resource
- Maiden Resource at Fekola in 2012





# Corporate Overview: Structure



## PAPILLON RESOURCES LTD (ASX:PIR)

### Capital Structure

Fully Paid ordinary Shares	209.2 million
Options (A\$0.20 expiry 31 Dec 2012)	58.1 million
Unlisted Options (various expiry and exercise prices)	26.3 million
Market Capitalisation Undiluted (@ A\$0.60)	A\$125.5 million
Cash (as at 30 September 2011)	A\$14.7 million
Debt	Nil

### Significant Shareholders

Top 20 Ordinary Shareholders	60.1%
Directors and Associated entities	12.8%
Goodman & Company	8.6%
Highland Park	5.6%
Other Institutions	17.5%

# Experienced Board of Directors and Management Team



**Ian Middlemas**  
Non-Executive Chairman

- Highly respected resource company executive with significant experience in company building in Africa
- Currently Chairman of a number of ASX listed natural resource companies

**Alan Campbell**  
Managing Director

- Highly experienced geologist with over 20 years of experience in the mining industry in Africa, Asia and Australia
- Previously Managing Director of ASX listed and unlisted natural resource companies

**Peter Woodman**  
Non-Executive Director

- Highly experienced geologist with over 20 years of experience in exploration, development and operations in the natural resources sector
- Currently Managing Director of WCP Resources Ltd

**Richard Dahl**  
Exploration Manager

- Geologist with over 25 years of exploration and mining experience across a wide range of commodities and mineralization styles
- Most recently Country/Exploration Manager for Central African Gold in Mali

**Eric Chantelat**  
Operations Manager

- Business strategy and operations focus with skills in international relationship management
- Previously business owner and operator with exposure to the mining industry

**Hayden Locke**  
Business Development  
Manager

- Focus on business strategy and investor relations
- Previously worked in investment banking, leveraged finance and private equity in both London and Sydney

# Investment Proposition



- Focus on rapid advancement of the major new gold discovery at Fekola
- Aggressive infill and extension drilling programme underway
- Significant strategic land holding located in prolific gold bearing belts
- Consistently identifying new and exciting targets in Mali West and Mali South
- The right team to quickly delineate a resource at Fekola and build the company





# APPENDIX

# Mali: Political History

The most politically stable country in West Africa?



1960

- Mali achieves independence from France, 20 June 1960
- Modibo Keita elected inaugural President and establishes a one party state closely aligned with the communist eastern bloc

1968

–

1990

- Bloodless military coup, led by Moussa Traore, now commemorated as “Liberation Day”
- Devastating drought from 1968 to 1974 was seen as a catalyst for rising support against the incumbent government through the 1980s
- Ethnic violence following the return of the nomadic Tuareg to the remote north of Mali in the late 1980s and 1990

1991

–

1992

- Anti-government protests lead to a bloodless coup, a transitional government and a new constitution for the Republic of Mali
- The transitional government, led by General Amadou Toure, hands over power to first democratically elected government
- Alpha Oumar Konare first elected President of the Republic of Mali

1997

- Konare elected President for a second five year term, pushes through economic reforms and fights endemic corruption

2002

- President Konare steps down as President at the end of his constitutionally limited two terms in office
- Amadou Toure, an independent, is elected President by popular vote

2007

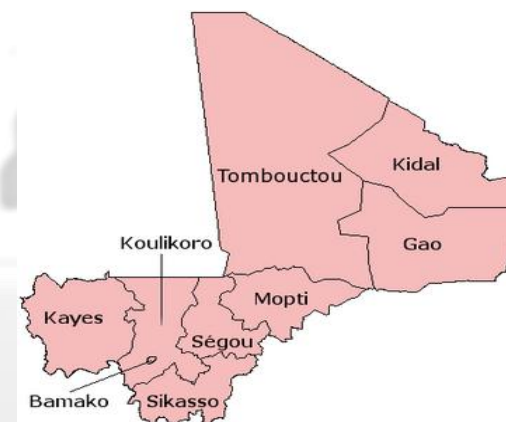
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2011

- Amadou Toure re-elected for his second term by popular vote in 2007
- Announces his intention to stand down as required by the constitution, at the end of his second five year term

- ✓ Mali is generally considered one of the most politically stable West African nations – nearly 20 years of stability
- ✓ The northern Tombouctou and Kidal regions, traditionally home of the Tuareg, have historically been the centres of violence
- ✓ Free democratic elections held every five years since 1992
- ✓ Next elections to be held in April 2012
- ✓ UN already engaged to act as an observer to 2012 elections to ensure freedom and impartiality
- ✓ Malians recognise importance of international investment to develop vast natural resource wealth

## Regions of Mali



# Fekola Discovery: Detailed drill intercepts



## Fekola - Major New Discovery

59m @ 4.86g/t Au from 152m to EOH

64m @ 4.24g/t Au from 37m

39m @ 6.42g/t Au from 103m to EOH  
(including 23m @ 8.97g/t Au from 103m)

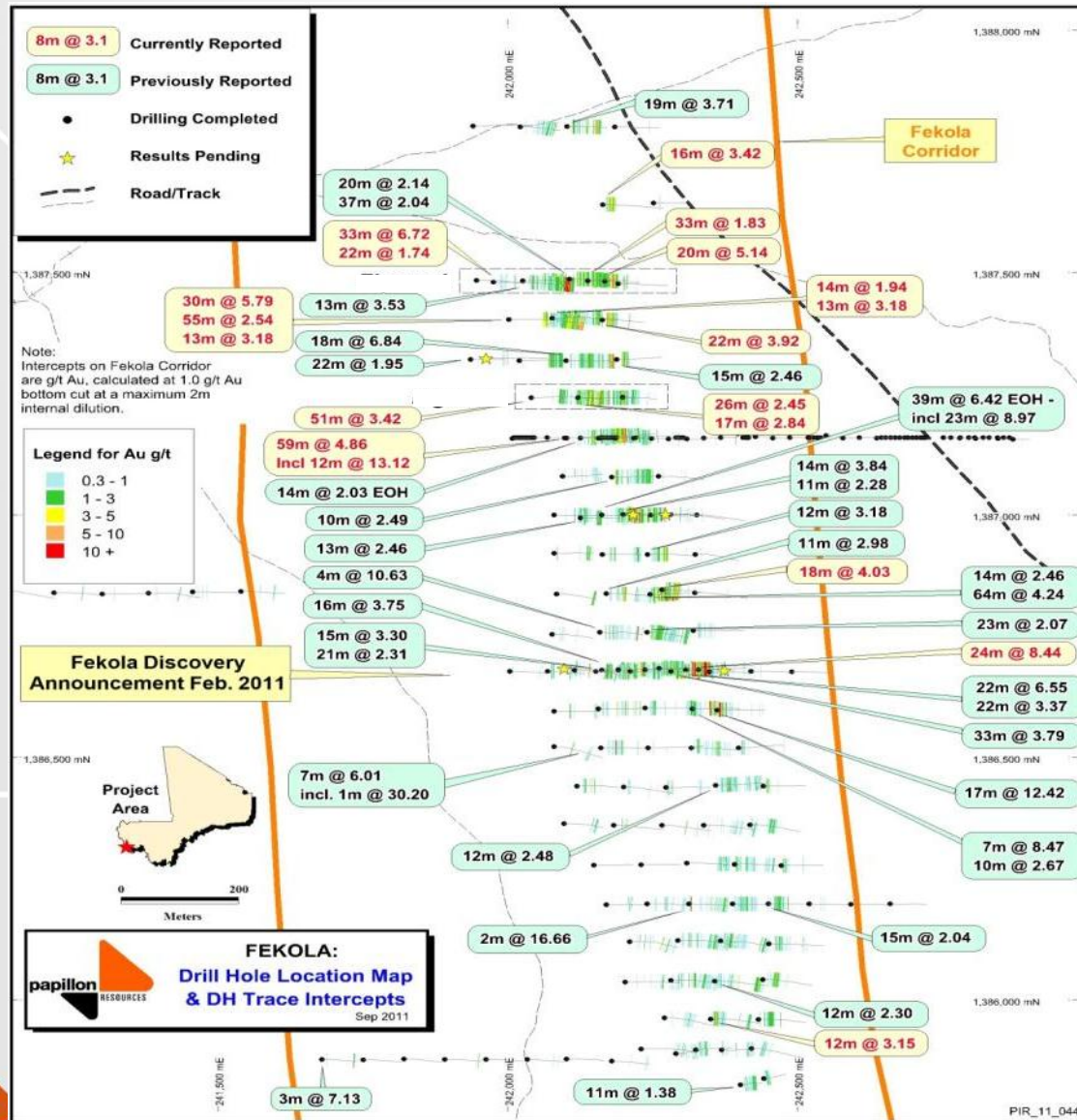
24m @ 8.44g/t Au from 14m (including  
9m @ 15.28g/t Au from 18m)

22m @ 6.55g/t Au from 17m

17m @ 12.42g/t Au from 4m

33m @ 6.72g/t Au from 217m to EOH  
(including 16m @ 10.35g/t Au from  
222m)

- Strike extends beyond 1.6km
- Mineralization remains open at depth and along strike
- Encouraging preliminary metallurgical test results

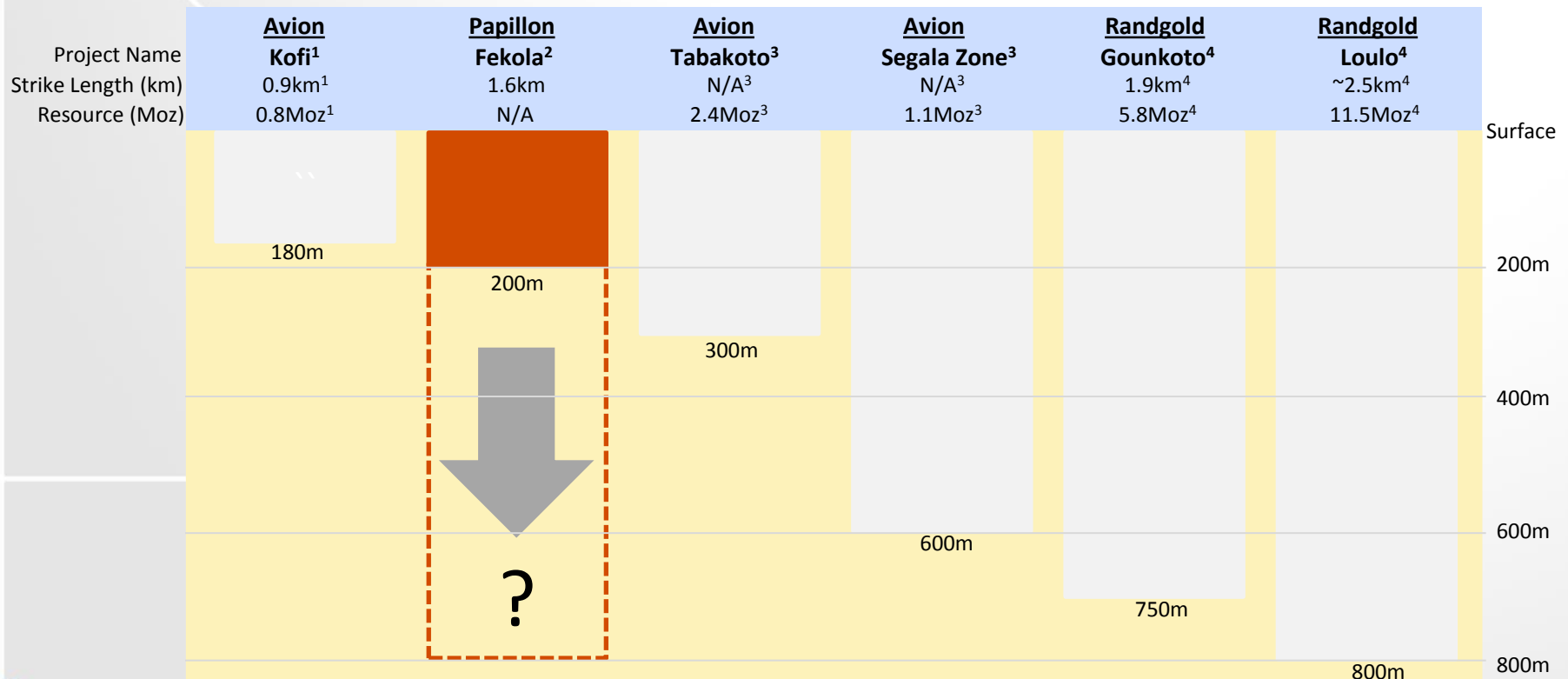




# Fekola Discovery: Mineralisation at Depth?



- Major discoveries along the Senegalo Malian Shear Zone have encountered mineralisation at depth
- All are located within 60km of the Fekola Discovery
- A number of drill intercepts at Fekola ended in mineralisation



Note: All depths are approximate maximum vertical depth drilled. All resource figures are gross ounces attributable to the project.

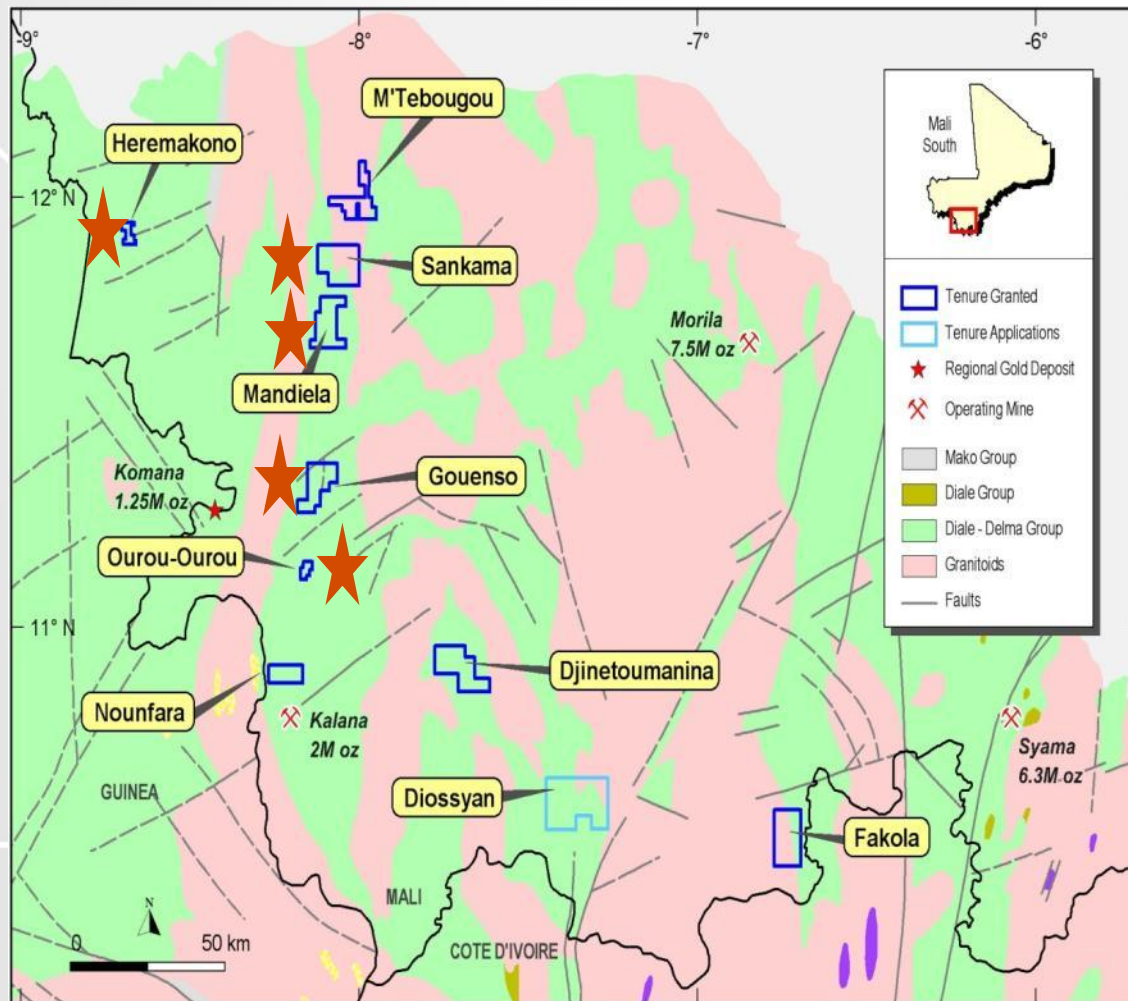
1) As per Avion release, 10 Oct 2011

2) Approximate maximum vertical depth

3) As per Avion Reserve Statement, 5 Jul 2011. Tabakoto and Segala are made up of multiple small strike lengths, thus we have omitted strike lengths

4) As per Randgold Quarterly Reports 31 Mar 2011, 30 June 2011. Exploration Report Dec 2010. Strike lengths are approximate and based on mined reserves

# Mali South: New Horizons



- Extensive 980km<sup>2</sup> land holding
- 8,000 soil geochemical samples analyzed, with numerous anomalous results
- Auger drilling program +36,500m in 2011★

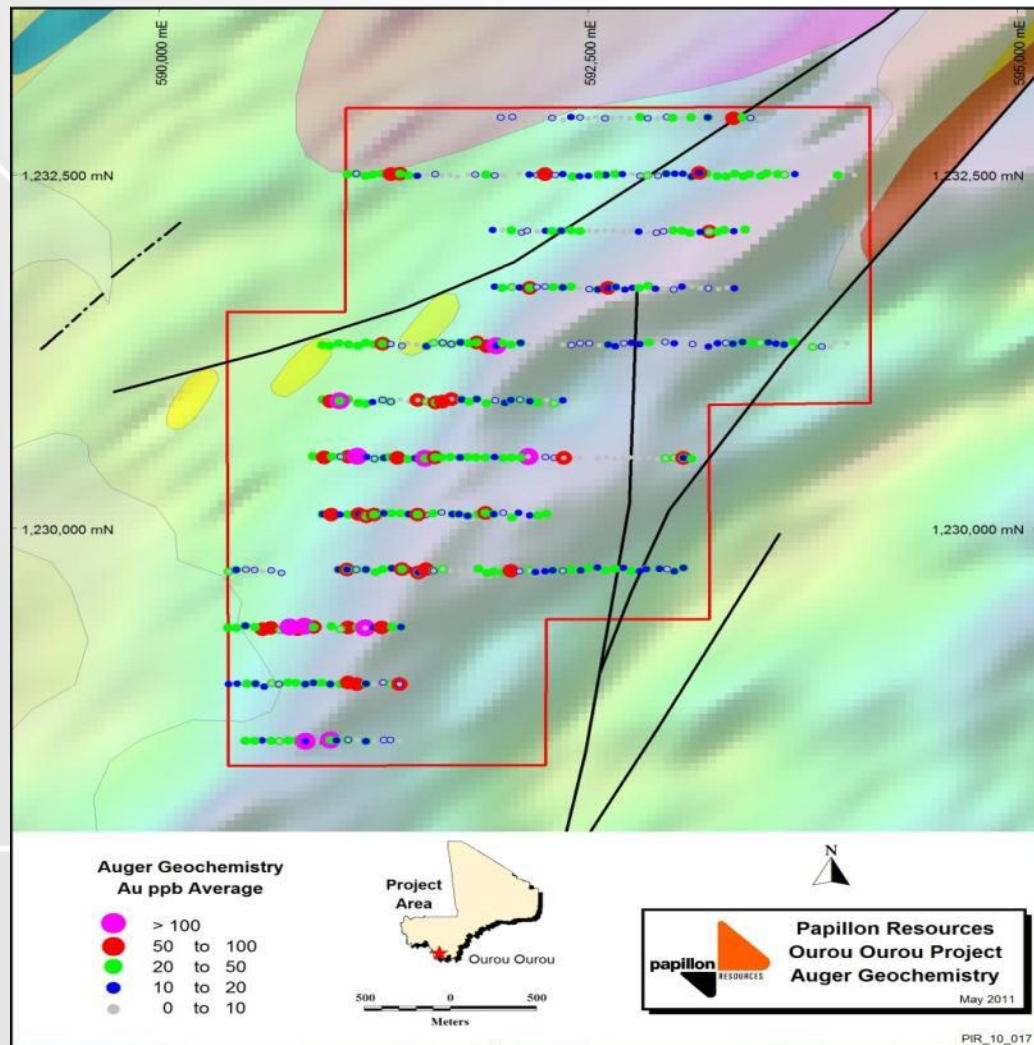


**Generating pipeline of new opportunities**

# Mali South: Ourou-Ourou



- Several areas >100ppb Au anomalism
- Strong anomalous zone coincident with regional magnetics
- 4,460m - 2011 Auger drilling completed



The first of many new prospects



# Disclaimer Notice & Competent Persons Statement



## Disclaimer Notice

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Actual results and developments may differ materially from those expressed or implied by these forward looking statements depending on a variety of factors.

## Competent Persons Statement

Information in this report relates to exploration results or mineral resources are based on information compiled by Mr Peter Woodman who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Woodman has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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'. Mr Woodman consents to the inclusion in the report of the statements based on his information in the form and context in which it appears.

Information in this report that relates to mineral resource estimation of the Fadougou Gold Deposit is based on work completed by Mr Nicolas Johnson who is a full time employee of Hellman and Schofield Pty Ltd and a member of the Australasian Institute of Geoscientists. Mr Johnson has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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'. Mr Johnson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

*"Please note with regard to exploration targets, the potential quantity and grade is conceptual in nature, that there has been insufficient exploration to define a Mineral Resource and that it is uncertain if further exploration will result in the determination of a Mineral Resource."*

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