

**papillon**

**RESOURCES**



***Wings of Gold* | ASX:PIR**

May 2011

# Disclaimer Notice & Competent Persons Statement



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## Competent Persons Statement

Information in this report relates to exploration results or mineral resources are based on information compiled by Mr Stuart Hall who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Hall 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 Hall 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 in-situ Mineral Resource estimates is reported under the Australasian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code, 2004 Edition). The April 2011 estimate was carried out under the supervision Mr. Michael Andrew who is a full time employee of Snowden Mining Industry Consultants Pty Ltd. Mr. Andrew is a Member of the Australian Institute of Mining and Metallurgy (MAusIMM), and 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 by the Code. Mr. Andrew 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.”*

# Goals and Achievements



- 26% increase in resources – 827,500oz Au
- 520,000oz Au of new discoveries at FNE and FSE
- Discovery costs at <USD10 per ounce
- Drilled >70,000m (RC, RAB & Auger)
- Building the Medinandi resource base
- A\$10M exploration programme for 2011
- Building a pipeline of targets in Mali West and Mali South



# Corporate Overview: Structure



## Capital Structure

• Issued shares PIR	190.7M
• Options PIROA @ \$0.20 31/12/12	63.4M
• Unlisted Options	9.7M
• Fully Diluted	263.8M
• 12 month average daily volume	1,011,000
• EV (29/04/2011 @ A\$0.345)	\$52.3M
• Cash (as at 31 March 2011)	\$13.5M
• Debt	nil

## Significant Shareholders

• Goodman Group	9.00%
• BlueGold	5.09%
• Panga Pty Ltd	5.01%
• Top 20 ORD Shareholders	51.68%
• Directors & Management (fully diluted)	10%

## Board & Management

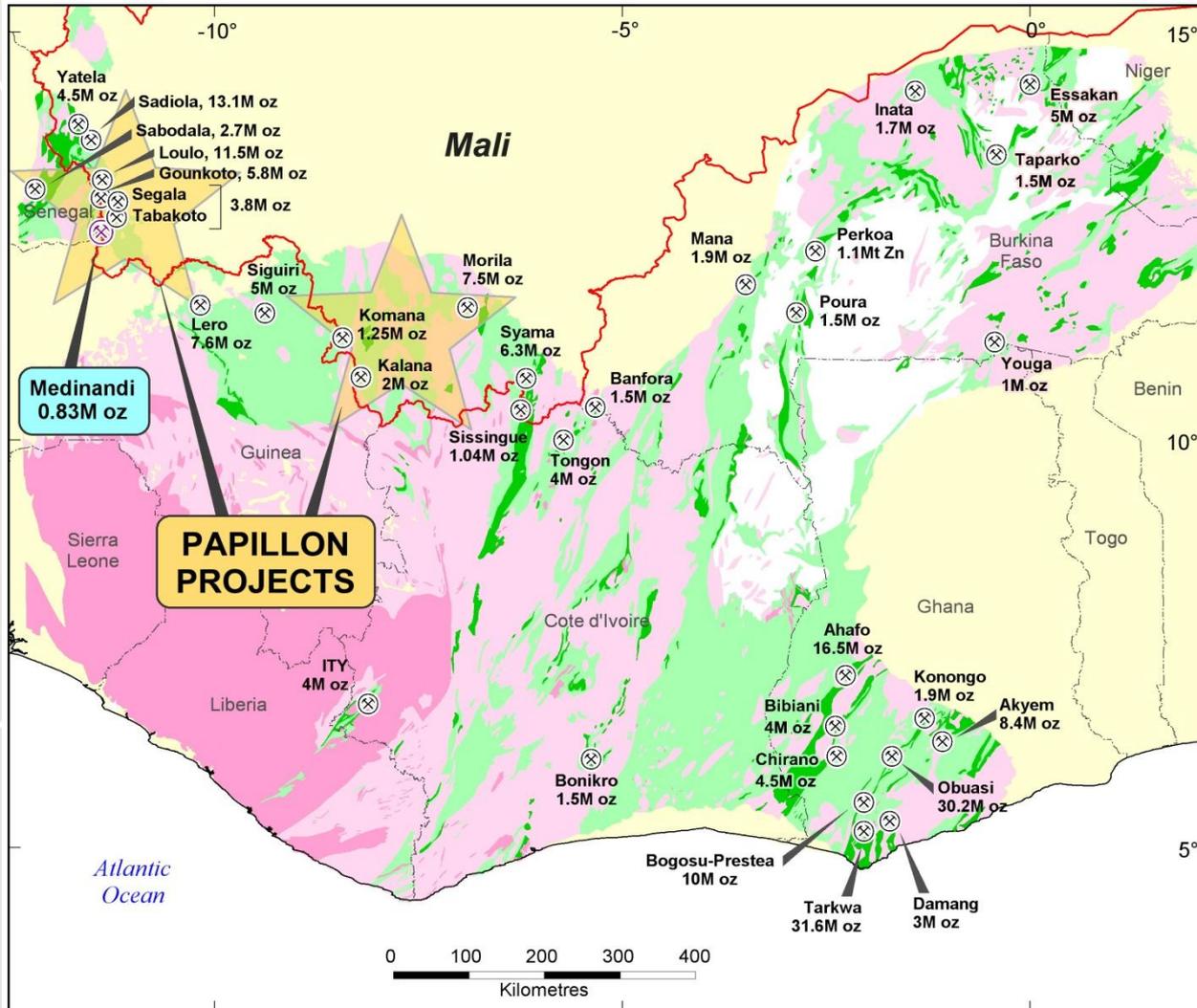
• Jeremy Shervington <i>B.Juris, LLB</i>	Non Exec Chairman
• Alan Campbell <i>B.Sc, MBA</i>	Managing Director
• Alec Pismiris <i>B.Com, ICOSA</i>	Non-Exec Director
• Stuart Hall <i>B.Sc Hons, FAusIMM, FGS</i>	Non-Exec Director
• Richard Dahl <i>Ph.D, M.Sc, Geo (MOGQ)</i>	Exploration Manager – Mali
• Eric Chantelat <i>Grad Econ/Law (LSI Paris)</i>	Operations Manager – Mali
• Huguette Nkashama <i>BBus, CA</i>	Group Financial Controller



## Assets

- +1,460km<sup>2</sup> in Birimian gold belt, Mali, West Africa:
  - ~1,160 km<sup>2</sup> (90% attributable to PIR)
  - ~300 km<sup>2</sup> (80% attributable to PIR)
- 827,500oz Au grading 1.76g/t of indicated & inferred mineral resource (80% attributable to PIR).

# Regional Geology & Medinandi Project Location



**Mali Fast Facts**

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

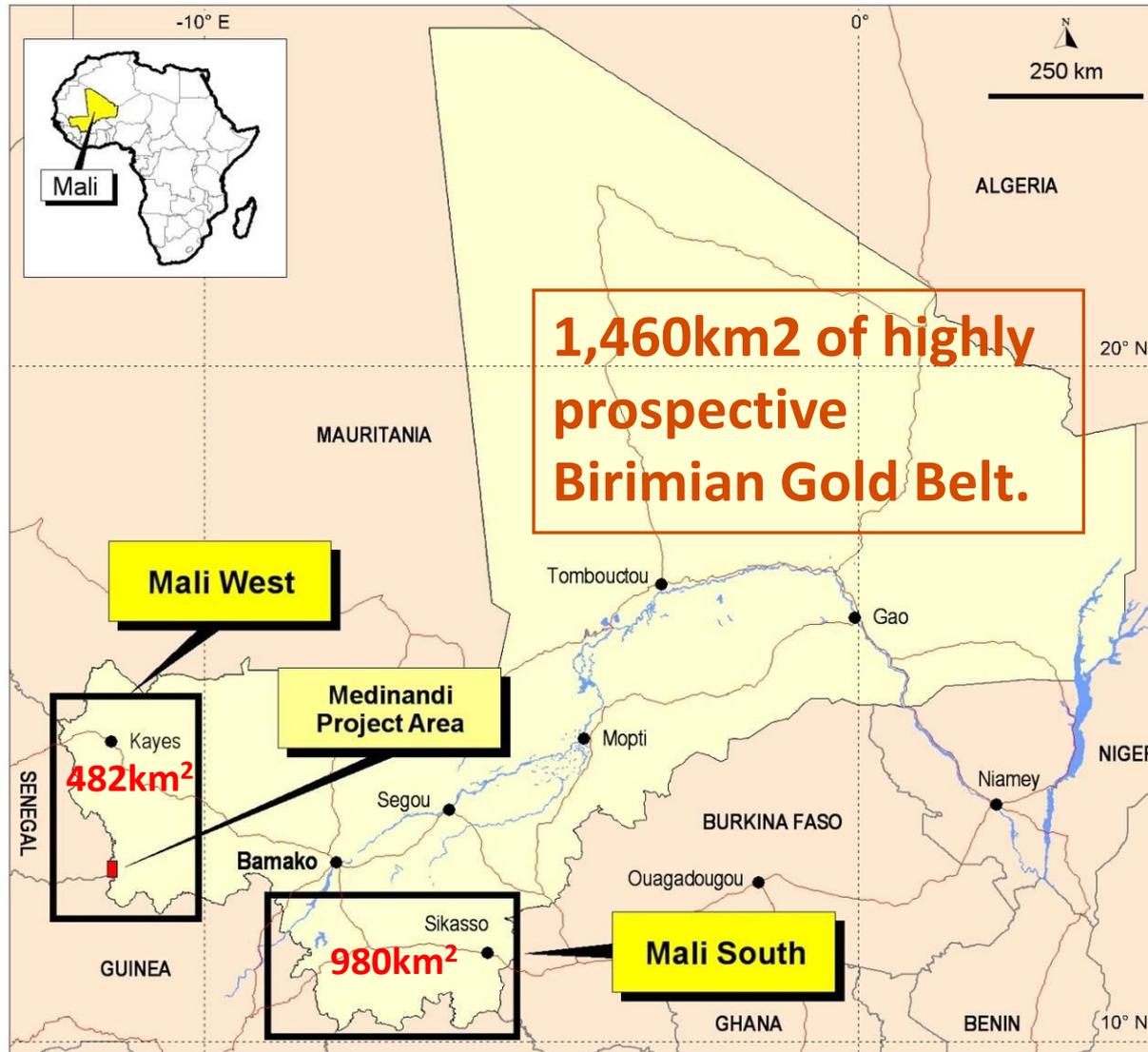
**Capital:** Bamako

**Money:** 1€ = 656CFA

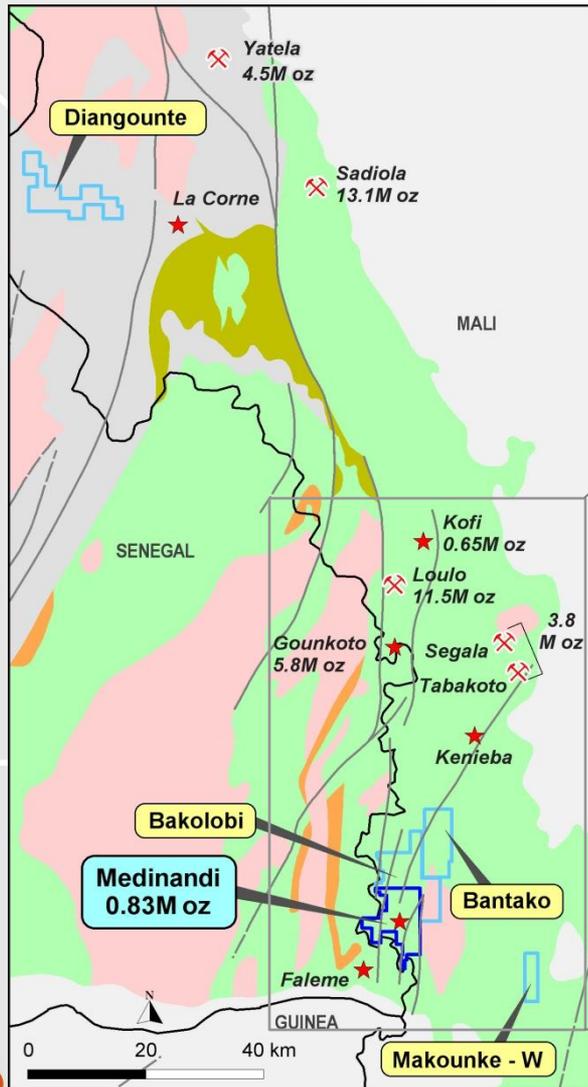
**Population:** 14.7 Million

- Mali - 3<sup>rd</sup> largest gold producer in Africa and 12<sup>th</sup> in the world.
- Birimian Gold Belt: elephant country for Au deposits.

# Mali West and Mali South: Target Rich Exploration Package

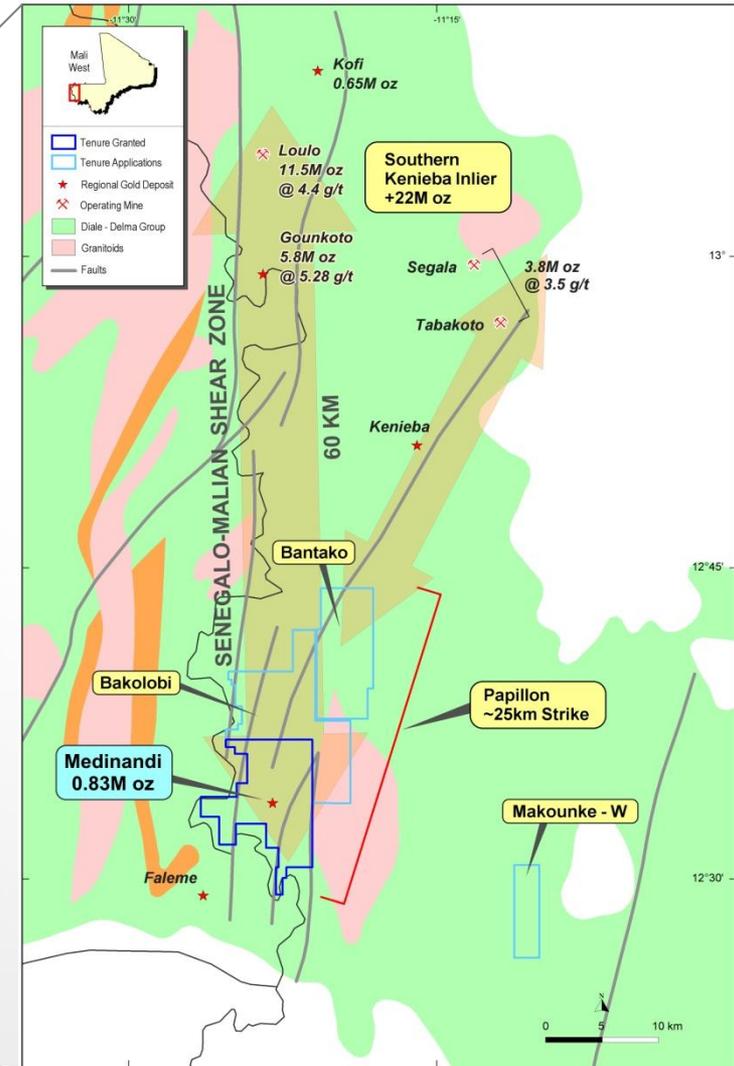


# Southern Kéniéba-Kedougou Inlier: +22Moz Regional Gold Province

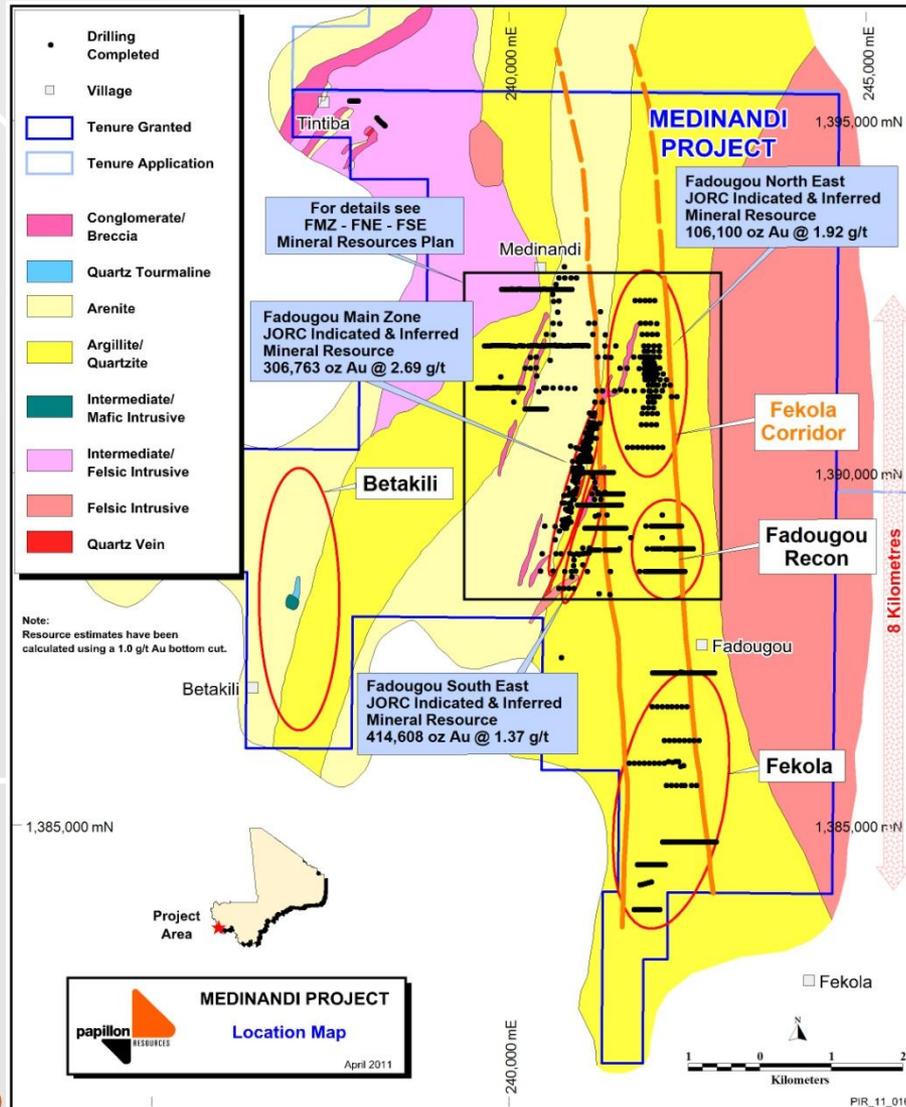


- +22Moz Au within 60km on same structural corridor as Medinandi

- Papillon controls 25km strike length of this corridor

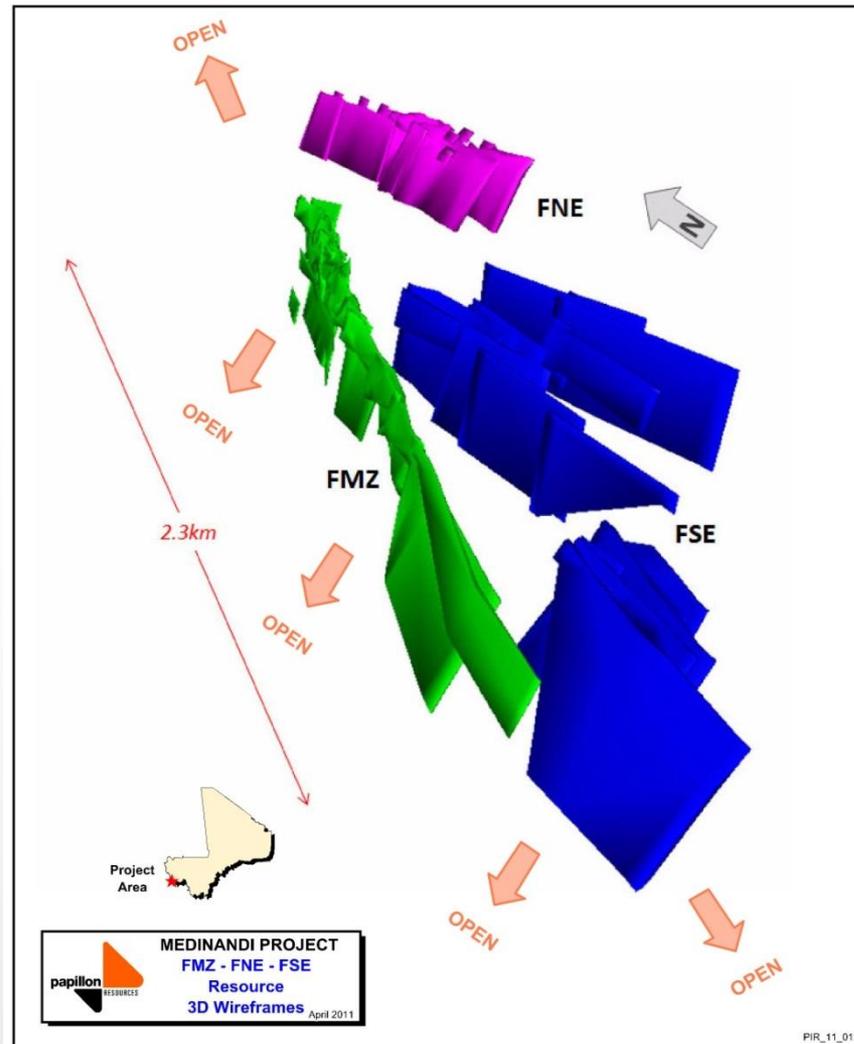
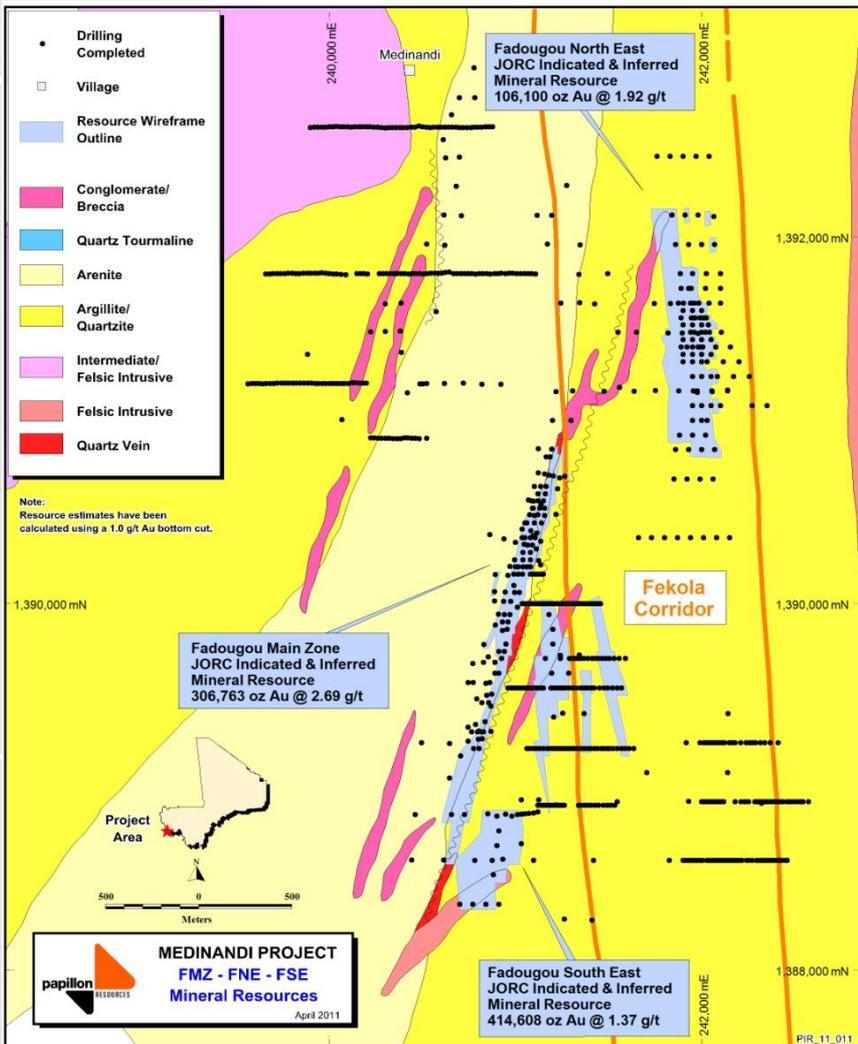


# Medinandi Project: Mineral Resource & Exploration Targets



- **Fadougou Main Zone:**  
307,000oz Au @ 2.69g/t  
Open along strike & at depth – further drilling planned
- **Fadougou North East:**  
106,000oz Au @ 1.92g/t  
Open along strike & at depth – further drilling planned
- **Fadougou South East:**  
415,000oz Au @ 1.32g/t  
Open along strike & at depth – further drilling planned
- **Medinandi Mineral Resource:**  
827,500oz Au @ 1.76 g/t
- **New Discovery – Fekola:**  
33m @ 3.79g/t Au, including 20m @ 5.01g/t Au  
15m @3.30g/t Au  
21m @2.31g/t Au
- **Met Testwork:**  
Free milling ore; up to 92.3% Au CIL and 83.8% Gravity
- **Exploration Prospects:**
  - Tintiba** – structure & geochem target
  - Betakili** – geochem and structural target
  - Recon** – targets defined by geochem and geophysics

# Medinandi Project: Mineral Resource Wireframe 827,500oz Au



# Medinandi Resource: 2011 Estimate



## Mineral Resource Statement for Medinandi Project: Fadougou Main Zone (FMZ), Fadougou South East (FSE) and Fadougou North East (FNE)

April 2011		Tonnes	g/t Au	Total oz Au	PIR's attributable oz Au (80%)
FMZ	Indicated	1,050,500	2.65	89,426	71,541
	Inferred	2,496,500	2.71	217,337	173,870
	Sub Total	3,547,000	2.69	306,763	245,410
FSE	Indicated	0	0	0	0
	Inferred	9,390,000	1.37	414,608	331,686
	Sub Total	9,390,000	1.37	414,608	331,686
FNE	Indicated	922,000	2.10	62,143	49,714
	Inferred	797,000	1.72	43,957	35,166
	Sub Total	1,719,000	1.92	106,100	84,880
Total	Indicated	1,972,500	2.39	151,569	121,255
	Inferred	12,683,500	1.66	675,902	540,722
	<b>Total</b>	<b>14,656,000</b>	<b>1.76</b>	<b>827,471</b>	<b>661,977</b>

More rigorous parameters than previous resource estimations:

- Refined geological constraints
- Better understanding of the mineralisation
- Appropriate SG's (densities) and top cut-off grades
- Validation drilling removed bias from some historical data

Reported in accordance with JORC Code for mineral resource statements:

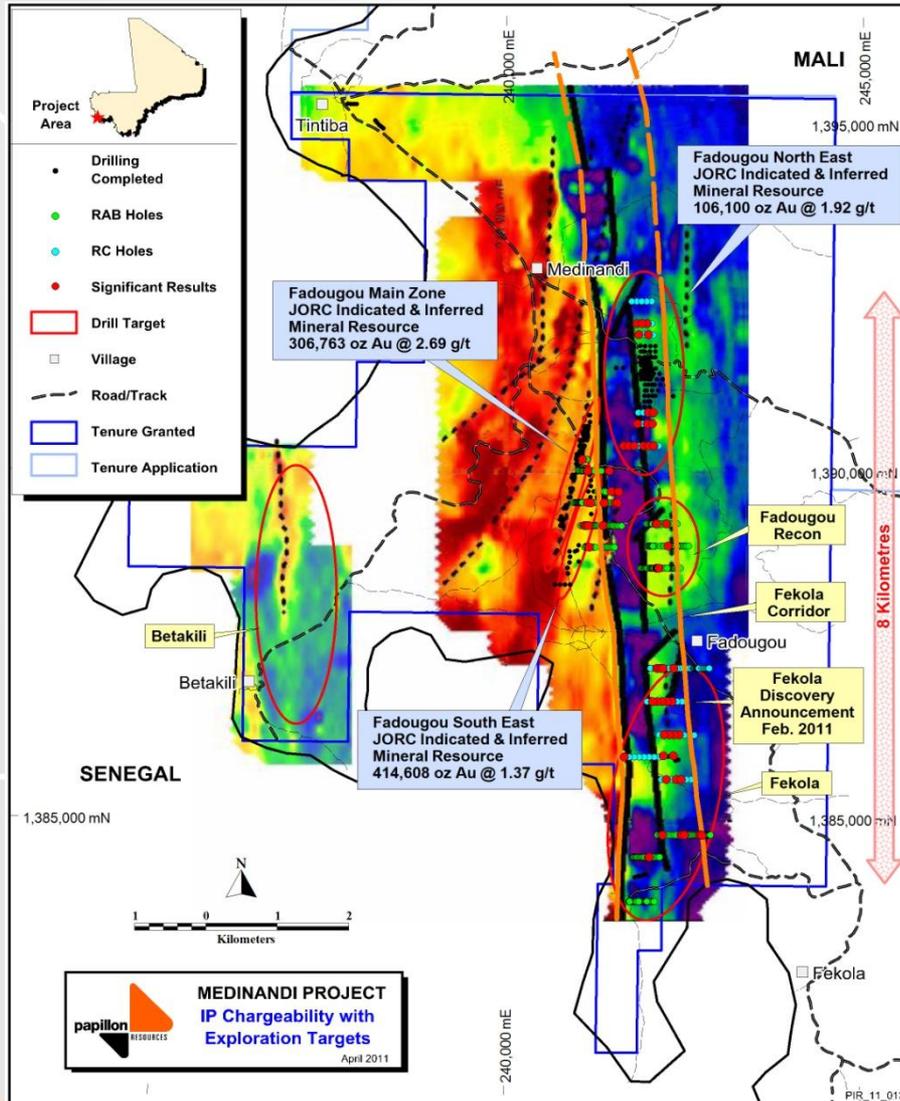
Calculated at a bottom cut-off grade of 1.0 g/t and a top cut-off grade of 25 g/t for FMZ & FSE and 20 g/t for FNE

Estimated with SG 2.1 for Oxide and SG 2.6 for Fresh

Minor inconsistencies due to rounding of figures



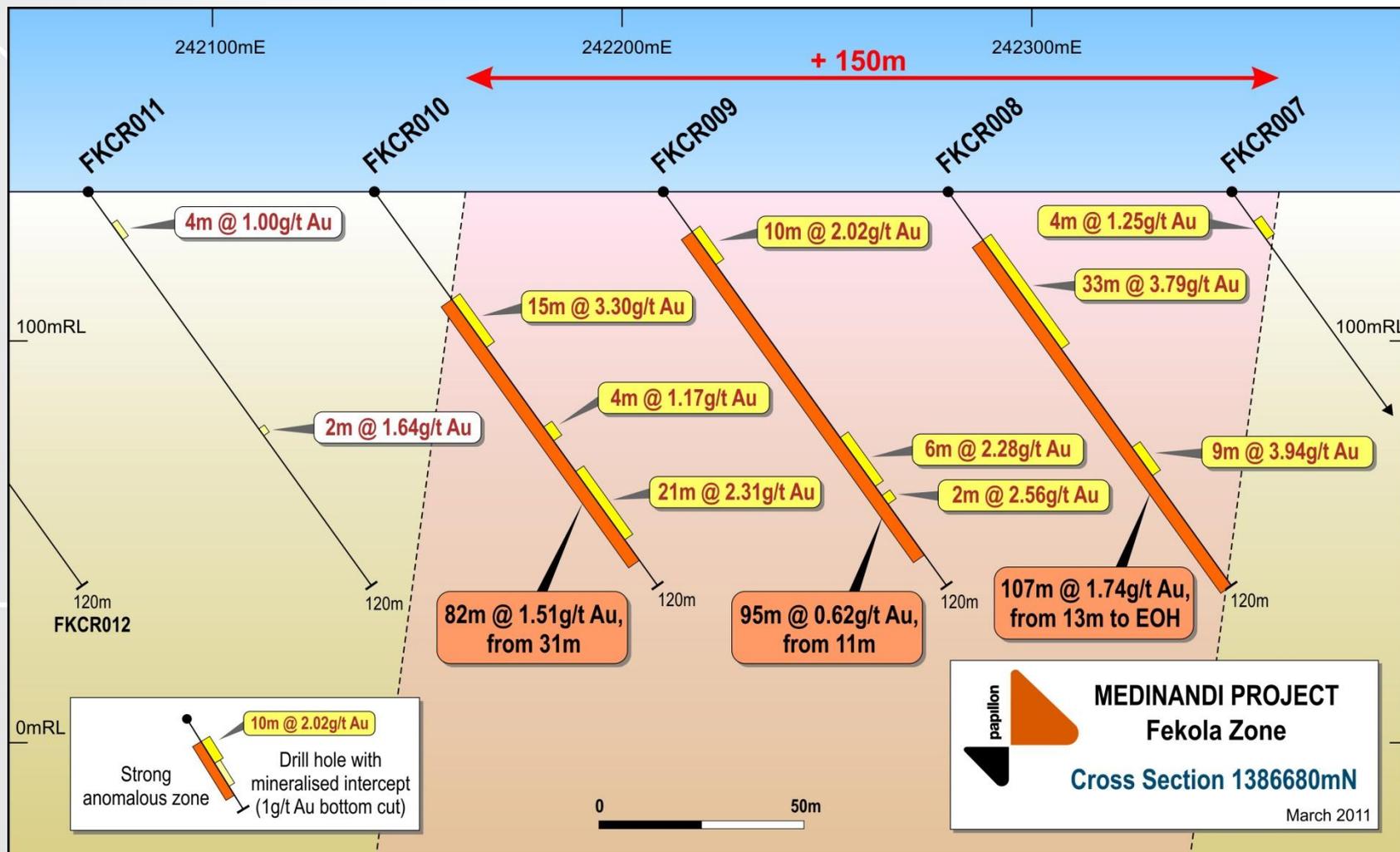
# Medinandi Project: Focus – Fekola Corridor



- Fekola structural corridor extends over +8km
- Multiple targets identified from IP survey and drilling
- Extensive mineralisation
- Resource Growth Potential

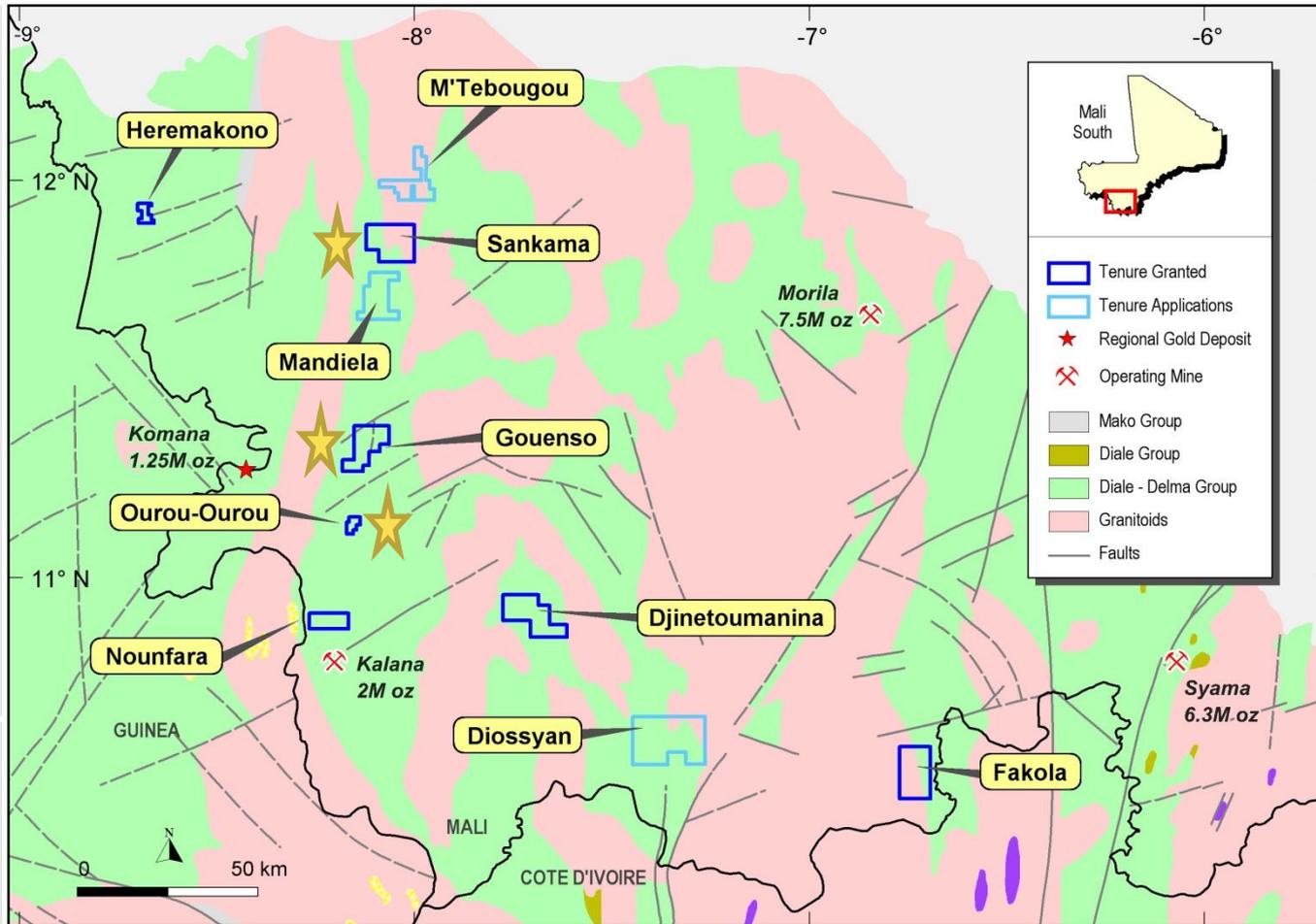


# Medinandi Project: Fekola Cross Section 1386680mN



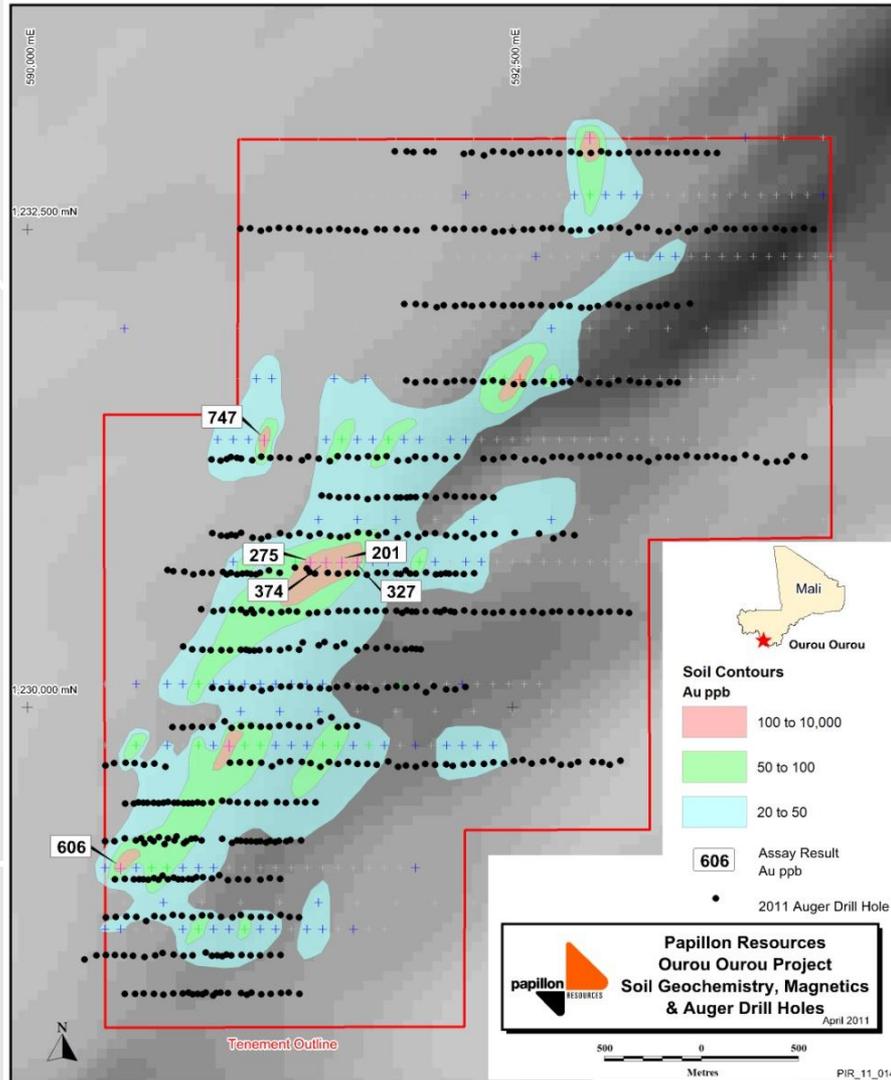
**MEDINANDI PROJECT**  
**Fekola Zone**  
**Cross Section 1386680mN**  
 March 2011

# Mali South: New Horizons



- Extensive 980km<sup>2</sup> land holding
- 8,000 soil geochem samples analyzed, with numerous anomalous results
- Auger drilling program ★  
+24,500m in 2011

# Mali South: Ourou-Ourou



- Several areas >100ppb Au anomalism
- Strongly anomalous zone
- 4,458m - 2011 Auger drilling completed



# Investment Proposition



- Two high quality West African gold projects located in prolific gold bearing belts
- On-going exploration drilling and news flow
- Identifying a pipeline of new and exciting targets in Mali West and Mali South
- Resource base of 827,500oz Au at 1.76 g/t, excludes new Fekola discovery
- Building the right team to build the resource and build the company





**Alan Campbell** | **Managing Director**

**Papillon Resources Ltd**

**T:** +61 8 9225 5485 | **M:** +61 406 244 687 **F:** +61 8 9225 4599

**E:** [alan.campbell@papillonresources.com](mailto:alan.campbell@papillonresources.com) | **Skype:** alanncampbell

Level 21, Allendale Square, 77 St Georges Terrace

Perth WA 6000 AUSTRALIA | <http://www.papillonresources.com>

**PAPILLON RESOURCES LTD | ASX:PIR**