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16 July 2014

The Announcements Platform  
ASX Limited  
Bridge Street  
Sydney NSW 2000

Dear Sir/Madam,

**Company Presentation**

Please find enclosed an updated company presentation that has been released today.

Yours faithfully,

A handwritten signature in blue ink, appearing to read "Alan Boys", with a long, sweeping flourish extending from the end.

**Alan Boys  
Company Secretary  
Oklo Resources Limited**



## **Delivering Exploration Success at West Africa's Best Gold Address**

**15 July 2014**

# Disclaimer

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# Key Reasons To Invest In Oklo Resources

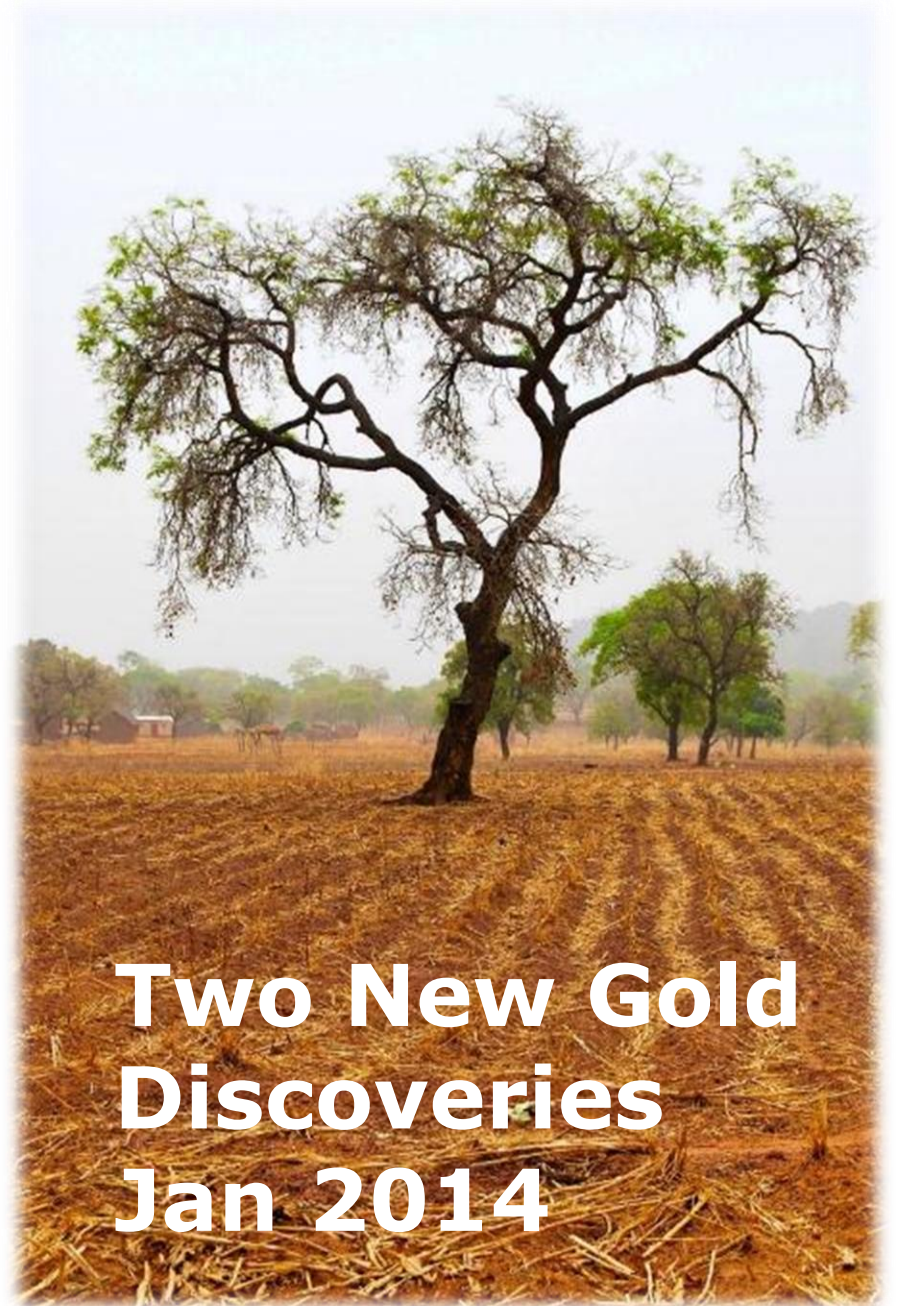
- **Two New Gold Discoveries** at Dandoko, within 30km of the 5.15Moz Fekola deposit (ASX:PIR currently the subject of a takeover). Prospects **now ready for 2<sup>nd</sup> round** of drilling to expand and advance them to resource delineation
- **Outstanding Share Price Leverage Potential to further exploration success.** OKU market cap \$3m, PIR \$636m
- **Key Management: Proven Discovery Track Record (>35Moz now attributed to those discoveries)** have many years experience in Mali's greenstone terrain
- **Multiple, Multi-Million Ounce Discovery Terrain** demonstrated with significant new discoveries within 5-30km of Dandoko (Papillon Resources, Merrex Gold Inc, Robex Resources Inc)
- **Oklo Has An Exceptionally Large Project Portfolio** of highly prospective gold, phosphate and uranium assets capable of unlocking value for shareholders through exploration success from both corporate (JV and M&A) activities and direct funding of exploration



**DISSE DISCOVERY HOLE**  
**20m @2.0g/t incl. 17m @2.3gpt**

# Highlights

- **8 Gold projects** covering 1,389 km<sup>2</sup> in Mali's most prospective gold zones
- **Targeting for multi-million ounce gold deposits**, amongst multi-million ounce deposits
- **Two New Discoveries at Dandoko Project** announced Jan 2014, located 30km E of 5.15Moz Fekola project (ASX: PIR) and 50km SSE of Randgolds 12.5Moz Loulo mine. Second Stage Follow up Drilling Planned for 2014
- **Gold Discovery in 2012 at Yanfolila**, now requiring further drilling & resource development
- **Management history** of large gold discoveries in West Africa (now totaling >35Moz)
- **Mali** is one of the fastest growing low cost gold producing regions in the World (~\$600 - \$900/oz average cash cost)



**Two New Gold  
Discoveries  
Jan 2014**

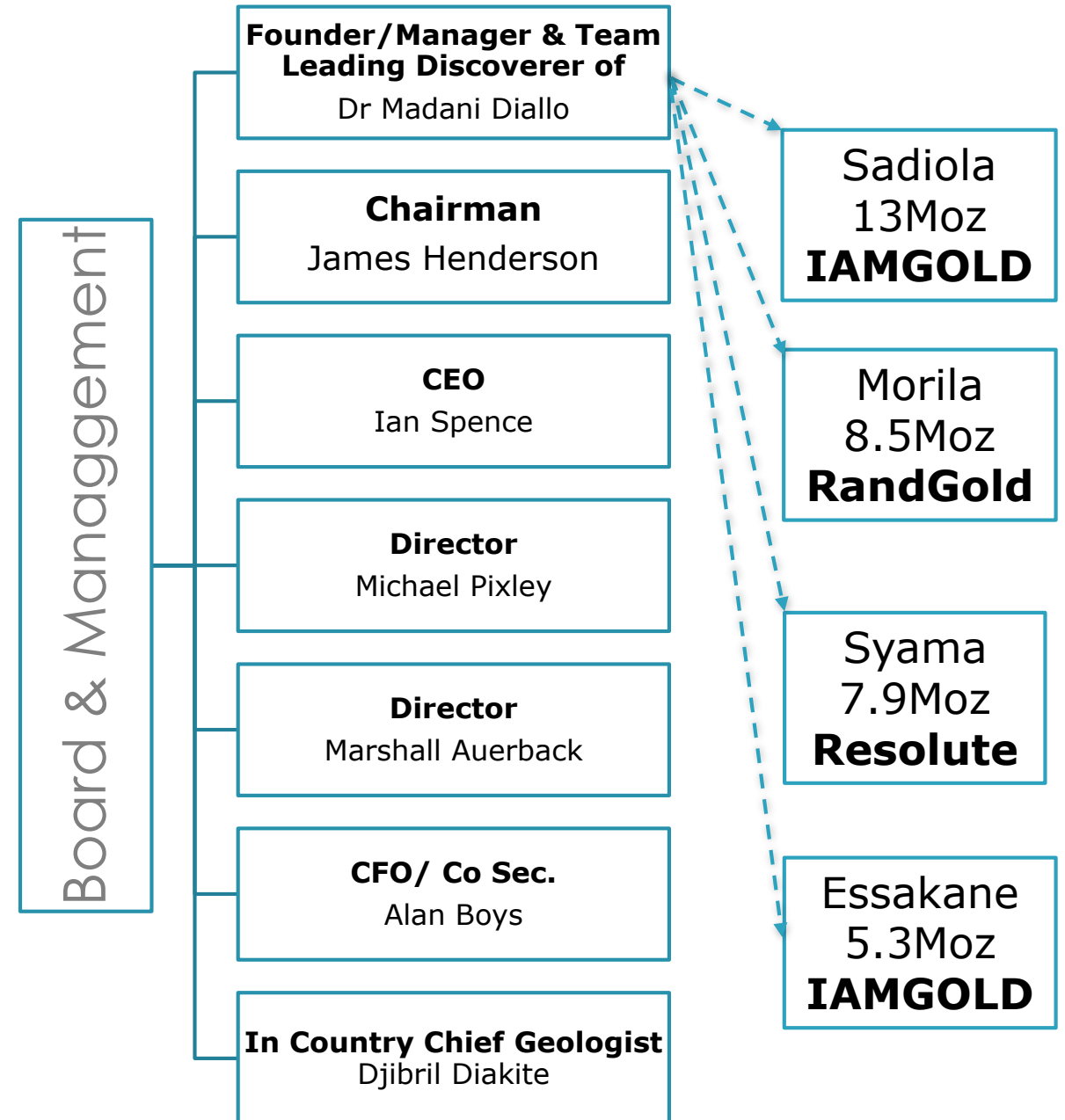


# Corporate

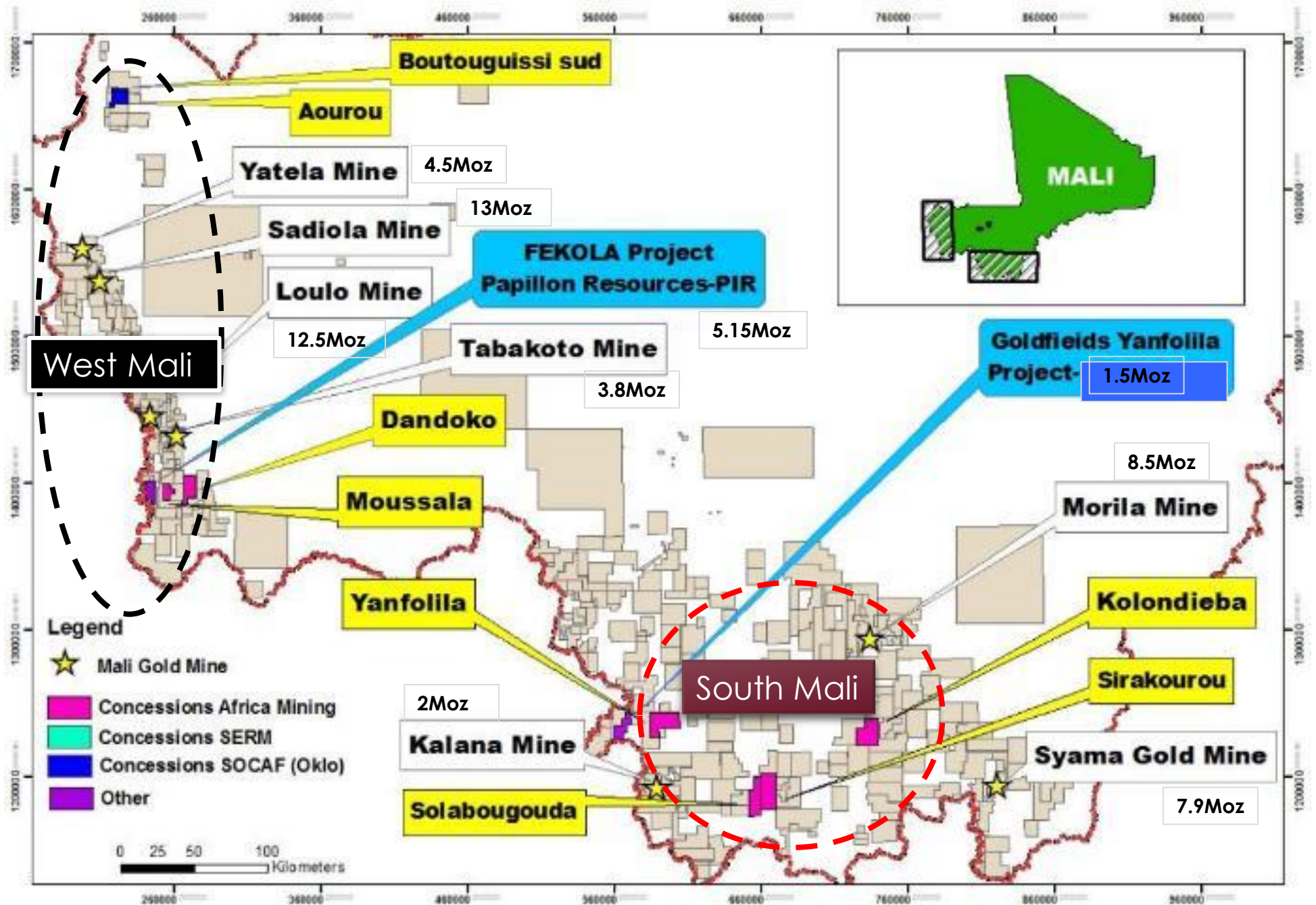
▪ Ticker Code	OKU
▪ Shares On Issue	1,489.7m
▪ Options	84m
▪ Market Cap. (@ 0.3c)	\$4.47m
▪ Cash	\$0.20m
▪ Enterprise Value	\$4.27m

## DR. MADANI DIALLO

- Oklo's Exploration Manager Dr. Madani Diallo has had an outstanding career and track record of success having led the teams that discovered Sadiola, Morila, Syama Essakane and others. Strong relationship with the Mali Government
- Awarded a "Knighthood" for his services to Mali as a pioneer to the Mali gold industry and his leading role in discovery success



# West Africa's Best Gold Address





# One Discovery in 2012 : 2 New Discoveries in 2014

## DANDOKO PROJECT (OKU 100%)

- Located 30km east of 5.15Moz Fekola Project and 50km SSE of Randgold's 11Moz Loulo Mine
- Set in the exceptionally well endowed +40Moz Kenieba Inlier in West Mali
- Drilling in Dec 2013 testing 2 shallow gold bearing structures below artisanal workings resulted in 2 New Gold Discoveries at Disse & Diabarou prospects
- First pass reconnaissance drilling testing the Selingouma prospect has returned encouraging gold intercepts and elevated arsenic levels indicating the presence of a large mineralised system capable of hosting one or more large deposits
- New drilling program planned expanding on Disse and Diabarou discoveries and further testing at Selingouma



## YANFOLILA PROJECT (OKU 100%)

- High-grade gold discovery made in 2012.
- Discovery largely overlooked by the market at that time
- Multiple high-grade intercepts over 700m on the Solona Main prospect
- Gold mineralisation still open at depth & along strike
- Solona structure extends over 3km requiring additional extensional drilling
- Solona only one of 5 gold prospects requiring RC drill testing
- Located 25km of the 1.5Moz Komana Project (Goldfields) and 30-35km north of two 2Moz mines (Kordieran & Kalana)



# Dual Strategy for Value Creation

## Corporate Activity is as Vital to Wealth Creation as Direct Exploration

- For a junior of its size, Oklo holds an unusually large portfolio of projects including: 8 gold projects, a large phosphate project and a uranium portfolio
- The Company recognises the stand out opportunity it has with such a large portfolio to add value for shareholders in two ways:

1) **Organic Growth** through exploration success (i.e. through directly funding the Company's own exploration programs, and

2) **Corporate Activity** in the form of project level Joint Ventures or by M&A activities

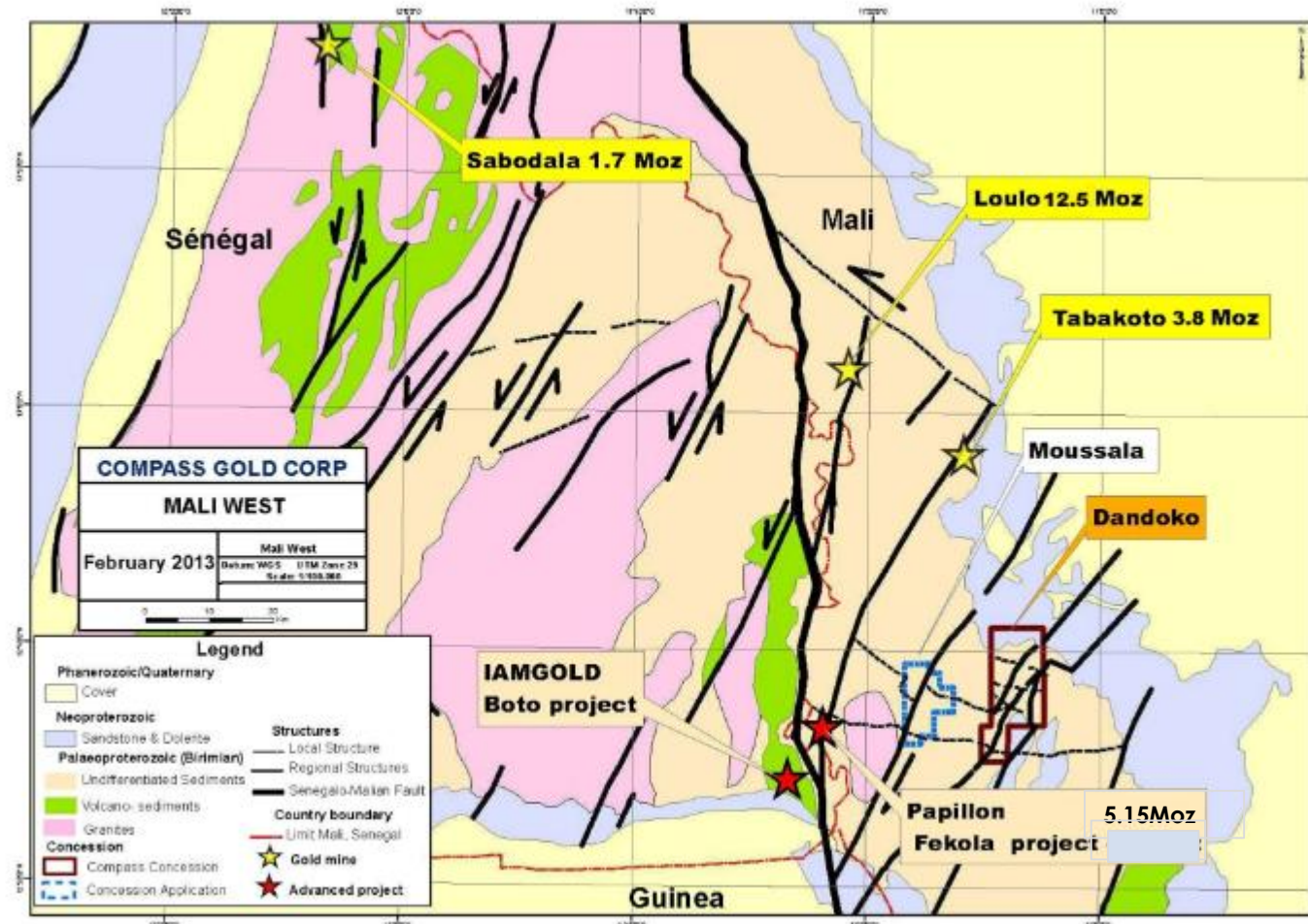
**Oklo plans to remain active (through organic growth) building on its recent exploration success whilst with an "open door" policy is advancing discussion and negotiations with a number of major groups on JV and M&A opportunities**



**Dandoko:** OKU 100%

## Initial Exploration Success : Maiden Drill Program

- 134 km<sup>2</sup> located in **+40Moz West Mali gold province**
- Located **30km from 5.15Moz Fekola deposit** (Papillon Resources )and 50km SSE of 12.5Moz Loulo Mine (Randgold)
- **Multiple Targets** over extensive artisanal workings being tested
- **2 New Discoveries at Disse & Diabarou reported Jan 2014.** Follow up drilling planned
- **Major east-west trending structures** with crosscutting structures in Birimian greenstones

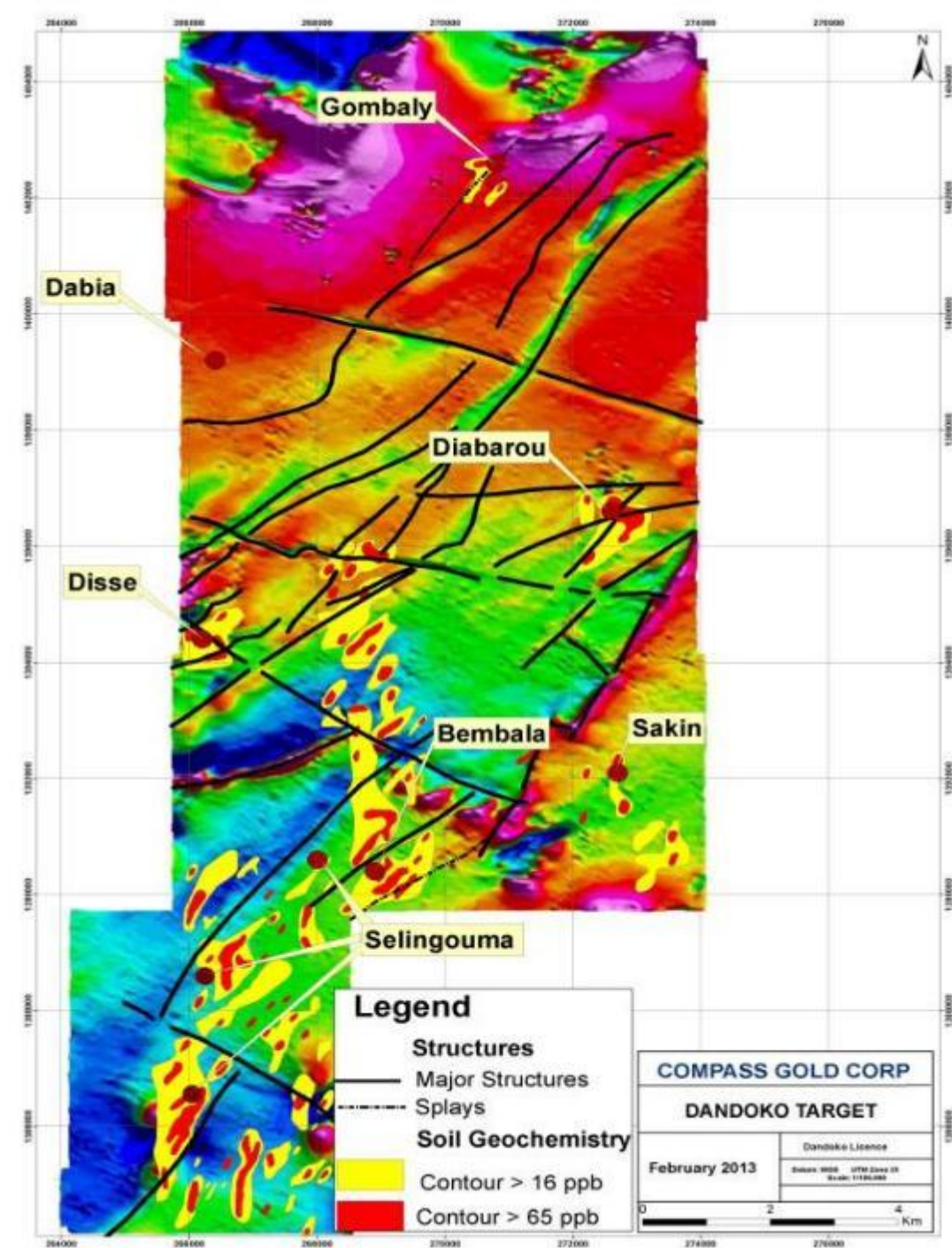




# Dandoko: Maiden Drilling Program

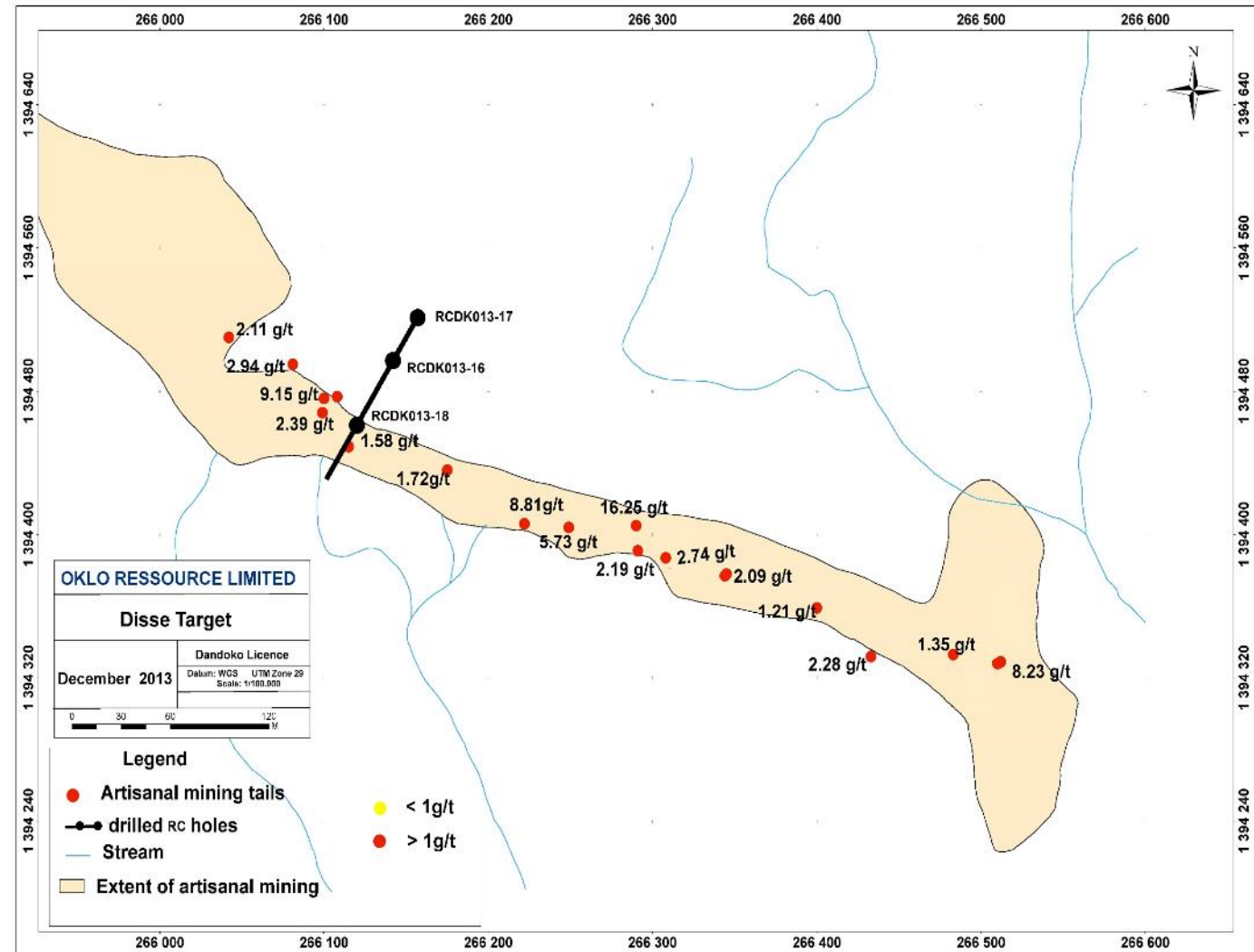
## Two New Gold Discoveries 2014

DRILL TARGETS	TARGET STATUS
Diabarou	<b>NEW DISCOVERY</b> –Maiden Drill hole delivers several zones of high and medium tenure gold mineralisation over 64 metres
Disse	<b>NEW DISCOVERY</b> - Drilling in December 2013 delivers strong 21m wide gold mineralised intercept <b>incl. 17m @2.3g/t</b> .
Selingouma	<b>NEW GOLD MINERALISATION</b> Intercepted in first pass RC & Auger drilling. Second Auger drill program recently completed, awaiting assays
Gombaly	<b>NEW GOLD MINERALISATION</b> Intercepted in first pass RC drilling
Bembala	<b>DRILLING PLANNED</b> later in 2014 to follow up on Compass Gold's 2012 intersections of <b>2m @ 19.90g/t, 2m @ 2.3g/t from 10m, 12m @ 1.02g/t from 76m and 6m @ 1.14g/t from 40m.</b>



# Dandoko: Disse : New 2014 Discovery

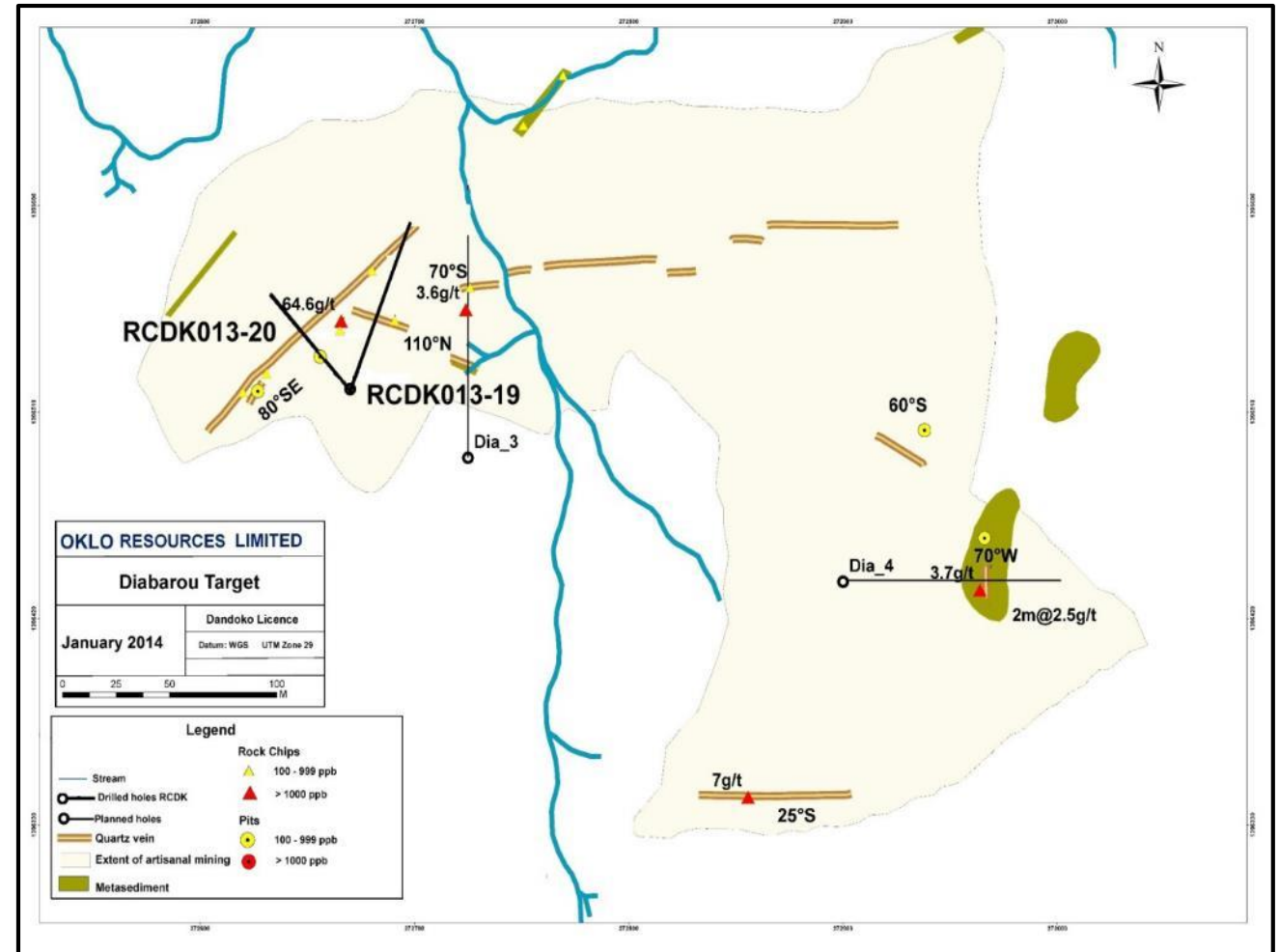
- Artisanal workings extending > 880m striking SE-ESE coincident with original gold-in-soil anomaly & structure
- Discarded tailings sampled have returned up to 70g/t
- Rock chip sampling quartz veins & host rock contact has returned up to 64g/t
- RC Drilling in Dec 2013 has demonstrated presence of WIDE high-grade mineralisation:
  - **17m @ 2.30 g/t gold from 155m downhole (incl. 4m @ 5.46 g/t gold from 171m downhole)** (Drill hole RCDK013-17)
  - **3m @ 3.88 g/t gold from 137m downhole** (Drill hole RCDK013-16)
- **Mineralisation recognised as similar to 12.5Moz Loulo Mine Sequence** (hosted in silicified quartz tourmaline sandstones)
- Follow up drilling planned for 2H 2014





# Dandoko: Diabarou : New 2014 Discovery

- Artisanal workings present over 600m strike
- Individual quartz veins up to 3m wide at or close to surface have returned up to 64g/t
- **Single Maiden drill hole** testing shallow mineralisation beneath existing workings returned **MULTIPLE WIDE INTERVALS** of gold mineralisation including:
  - **12m @ 1.50 g/t gold from 49m downhole**  
(incl. 3m @ 3.72 g/t gold from 50m)
  - **3m @ 3.38 g/t gold from 68m downhole**
  - **20m @ 1.44 g/t gold from 96m downhole**
  - **6m @ 1.91 g/t gold from 119m downhole**
- **Multiple zones of gold mineralisation total 64m in that single hole**
- **Host geology recognised as being similar to the 12.5Moz Loulo Mine Sequence**
- Follow Up drilling is planned 2H 2014



# Dandoko: Selingouma 2014 Gold Intercepts Confirm Large Mineralised System in Place

- Open ended 6km zone of gold-in-soil anomalies striking NNE-SSW defined prior to arrival of artisanal mining
- Dec 2013 Auger drilling confirmed elevated gold levels
- First Pass RC Drilling at Selingouma South (3 holes) and Selingouma North (1 hole) has returned:

## **Extensive alteration over wide zones –**

Confirming the presence of a large mineralised gold system

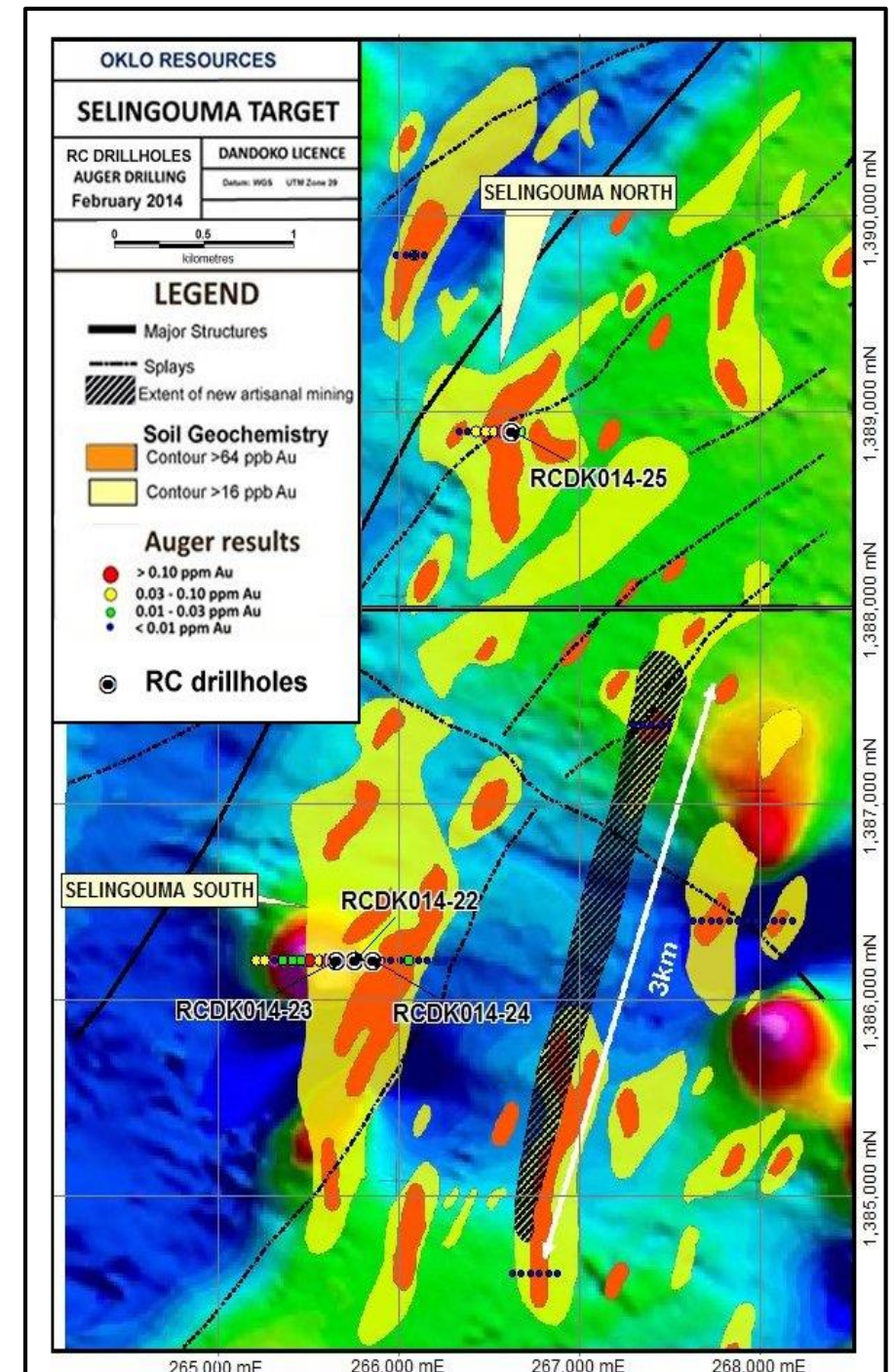
## **Encouraging Low-Med Grade Gold**

**intercepts** – Confirms the prospectivity of Selingouma for the discovery of high grade gold

## **Highly Elevated Arsenic levels** (Arsenic

has a strong pathfinder association with gold)\*

- \*The unusually highly elevated arsenic levels is seen analagous with arsenic levels encountered during the discovery phase of the 8.5Moz Morila gold deposit;
- First Pass Maiden Drilling considered a success. Follow up Auger drilling recently completed (awaiting assays) aiming to refine later 2014 RC targeting





# Artisanal Mining At Dandoko



DIABAROU



DISSE

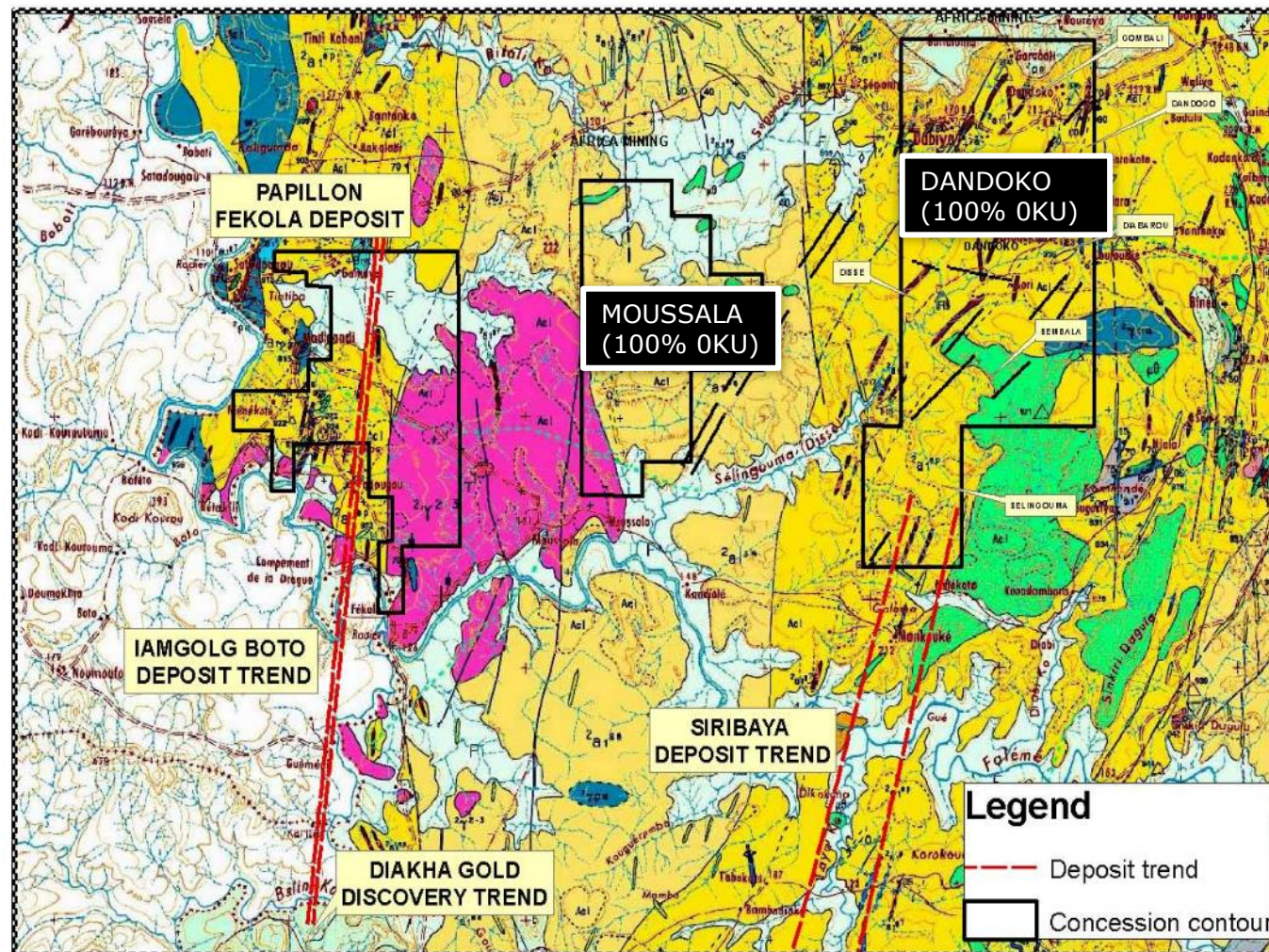


SELINGOUMA



# Discovery 10km to SW Further Demonstrates Strong Prospectivity Potential of Dandoko

- On 2<sup>nd</sup> July 2014: MERREX GOLD INC. (TSX-V:MXI) announced a new gold discovery at Diakha at its Siribaya Gold Project located only 10km to the SW of Oklo's Dandoko project
- This significant discovery includes gold intercepts: **34m @ 3.22 g/t, 16m @ 2.06 g/t, 30m @ 2.58 g/t, 26m @ 3.03 g/t and 10m of 3.88 g/t gold**
- In-house projections based on Oklo fieldwork and Merrex's press releases interprets the Siribaya mineralised trend potentially continuing into the Dandoko project through Selingouma 10km to the NE





# Timing of Drilling at Dandoko

- Follow up “Second Round” of RC drilling planned at Disse & Diabarou discoveries in the coming dry season (2H 2014)\*
- Second Round drilling into Disse and Diabarou prospects to better delineate and expand on previously intersected high grade mineralisation and will count towards resource delineation drilling
- Assay results from the recent Auger drilling program at Selingouma are expected July through to August 2014

\* Drilling planned subject to securing funds or gaining access to capital through Joint Venturing with a major group





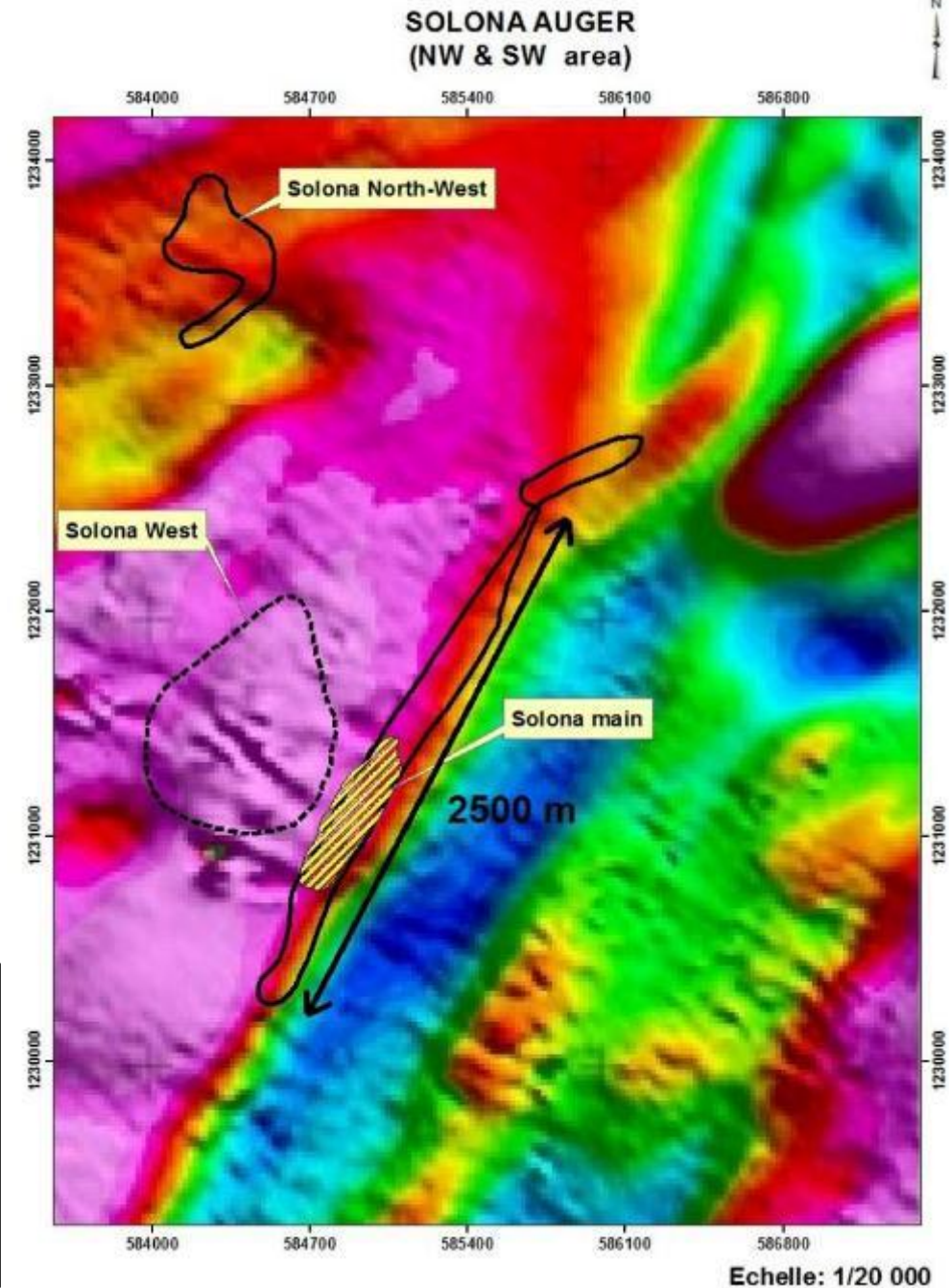
# Yanfolila – 2012 Solona Gold Discovery

## Significant Intercepts

- 9m @ 3.0g/t from 18m
- 26m @ 7.17g/t uncut, 26m @ 1.62g/t using top cut of 30g/t
- 6.30m @ 2.15g/t from 25.20m
- 2m @ 2.17g/t from 5m
- 26.5m @ 3.59g/t from 5.4m including 18.0m @ 5.15g/t from 13.9m
- 15.6m @ 2.01g/t from 0m
- 4.65m @ 2.54g/t from 40m
- 1m @ 9.16g/t within 3.95m @ 1.15g/t from 9.05m
- 2.7m @ 3.17g/t from 131.1m within 6.70m @ 1.87g/t from 129m
- 10.9m @ 3.79g/t from 37.4m within 52.4m @ 1.30g/t from 21.3m
- 10.0m @ 2.96g/t from 68.0m within 23.0m @ 1.74g/t from 55.0m
- 6.80m @ 1.15g/t from 64.32m
- 7.5m @ 1.16g/t from 10.5m
- 5.0m @ 1.89g/t from 73.0m
- 10m @ 0.5g/t from 12m
- 5m @ 0.55g/t from 17m
- 2m @ 1.03g/t from 47m

• Only 700m of 3km strike of Solona Main prospect drill tested to date

• Large gold bearing cross cutting structure identified at Solona West requiring drilling after anomalous auger drill results.





# Yanfolila – Building on Exploration Success

- 2012 Diamond drilling of *Solona Main* target lead to the **discovery of a large open gold system**
- **Advantageously unusually deep level of oxidisation** with soft, easy-to-mine and to process material extending to a vertical depth of 180m would see a potential open pit mining operation “free dig” to those depths
- **12km of untested gold-in-soil anomalies**
- **Yanfolila is located 35km north of 2Moz Kalana & Kodieran deposits, and 25km east of 1.5Moz Komana deposit (Goldfields)**
- Located **along one of the largest faults** in South Mali (500 km strike length)

Close Proximity to  
**infrastructure,  
water and  
electricity...**





## Contact

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## Additional Information





# Mali

- Africa's **3<sup>rd</sup> largest gold producer** (~1.5Moz in 2013)
- Internationally **competitive mining code**
- Excellent track record for **facilitating mineral exploration and mine development**
- Mali gold mines rank historically as some of **the lowest production cost mines in the World** (\$600-\$900/oz average cost)
- No restrictions on **foreign investment**
- No restrictions on **capital flow (in or out)**
- Population = **14.5M**





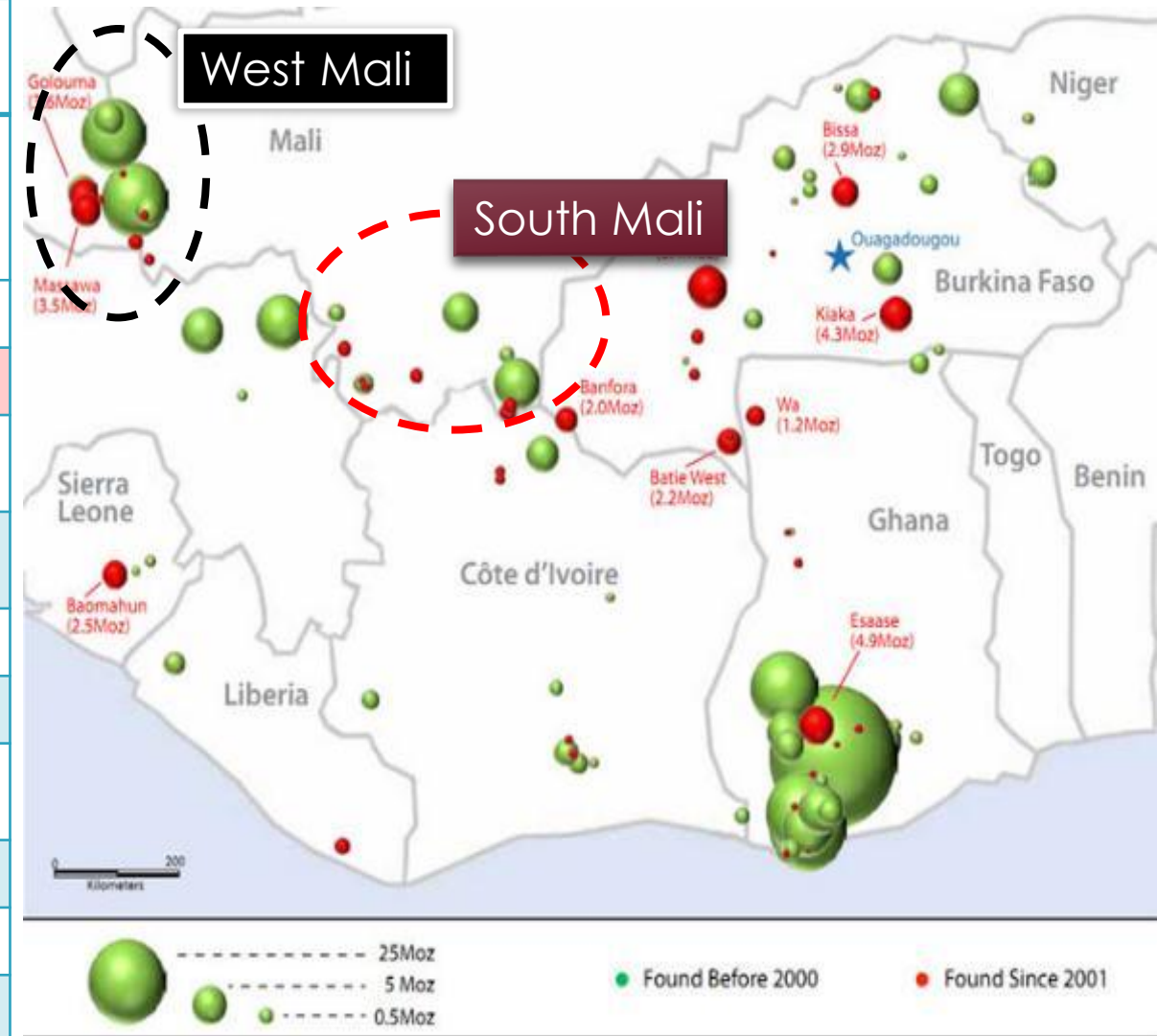
# Outstanding Large Gold Portfolio

	Region	Land (km <sup>2</sup> )
<b>Dandoko</b>	<b>Mali West</b>	<b>134</b>
Moussala	Mali West	66
Boutounguissi*	Mali West	69
Aourou	Mali West	182
<b>Yanfolila</b>	<b>Mali South</b>	<b>250</b>
Kolondieba	Mali South	250
Solabougouda	Mali South	188
Sirakourou	Mali South	250



# Known Gold Deposits in West Africa

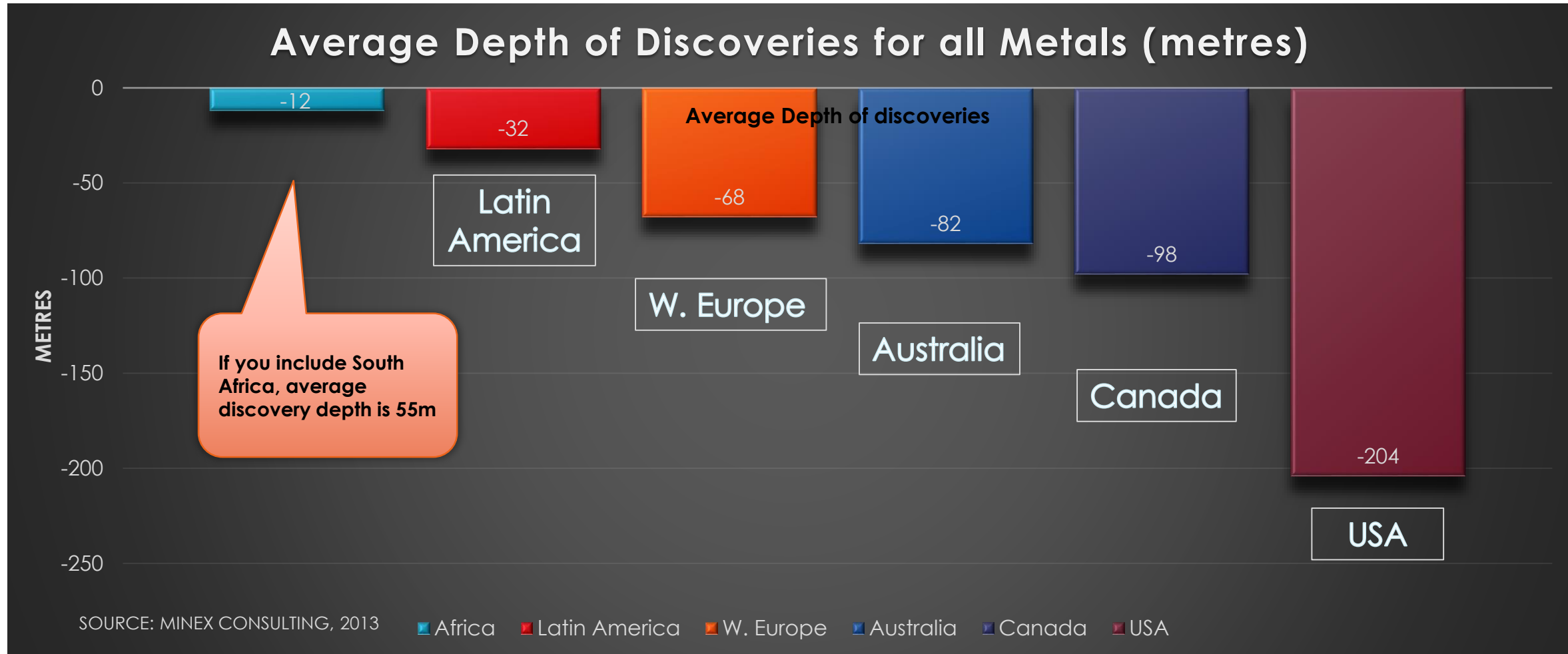
Total Known Gold Deposits				
Country	# of known gold deposits	# of gold deposits >1Moz	Total Resource plus production (Moz)	% of Total
Ghana	38	19	205.9	55%
<b>Mali</b>	<b>23</b>	<b>9</b>	<b>71.0</b>	<b>19%</b>
Burkina Faso	26	12	41.9	11%
Cote D'Ivoire	15	4	13.9	4%
Senegal	5	3	10.8	3%
Niger	4	1	4.2	1%
Sierra Leone	3	1	3.2	1%
Guinea	3	2	17.5	5%
Liberia	2	1	2.3	1%
<b>Total</b>	<b>119</b>	<b>52</b>	<b>370.7</b>	<b>100%</b>



Source: MinEX Consulting (Only updated until 2011) – Some very recent discoveries such as Papillon Resources 5.15Moz Fekola are not included



# Shallow Discoveries = Lower Mining Costs



# Best Exploration Results Per \$ in the World 2003-12

Region	Exploration Spend (2012 \$billion)		Number of Discoveries #		Tier 1+2 Discoveries	
AUSTRALIA	\$12	(10%)	83	(16%)	13	(15%)
CANADA	\$22	(18%)	65	(12%)	16	(19%)
USA	\$9	(8%)	20	(4%)	9	(10%)
LATIN AMERICA	\$28	(23%)	118	(23%)	15	(17%)
PACIFIC/SE ASIA	\$6	(5%)	23	(4%)	2	(3%)
<b>AFRICA</b>	<b>\$17</b>	<b>(14%)</b>	<b>116</b>	<b>(22%)</b>	<b>19</b>	<b>(22%)</b>
WESTERN EUROPE	\$3	(3%)	22	(4%)	1	(1%)
CHINA/FSU/EE/RoW	\$22	(19%)	77	(15%)	11	(13%)
<b>TOTAL</b>	<b>\$116</b>	<b>(100%)</b>	<b>524</b>	<b>(100%)</b>	<b>86</b>	<b>(100%)</b>

Source: MinEX CONSULTING, 2013

Includes exploration spending on Gold, Copper and Uranium



# Mali = Low Cost Mining

Mine	Ownership	2012 Production (oz)	Head Grade (g/t)	Cost Per Ounce	Mining and Processing	Recovery Rate
<b>Sadiola</b>	IamGold/ AngloGold	243,902	1.8 g/t	\$787	Open pit; Carbon-in-pulp & gravity separation	75%
<b>Yatela</b>	IamGold/ AngloGold	72,500	3.3 g/t	\$790	Open pit; Heap Leach	85%
<b>Loulo/ Gountoko</b>	Randgold	503,000	4.0 g/t	\$640	Open pit; Underground	89.2%
<b>Morila</b>	Randgold/ AngloGold	202,513	1.5 g/t	\$659	Stockpile treatment Operation	91.6%
<b>Syama</b>	Resolute	145,197	3.3 g/t	\$784	Open pit	83.1%
<b>Tabakoto</b>	Endeavour	110,301	4.2 g/t	\$880	Standard CIL + Gravity circuit	92-95%