

Exploring among the gold giants

Mali - West Africa



8th September 2016

AFRICA DOWNUNDER PRESENTATION (ASX: OKU)

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Competent Person’s Declaration

The information in this presentation that relates to Exploration Results is based on information compiled by geologists employed by Africa Mining (a wholly owned subsidiary of Oklo Resources) and reviewed by Mr Simon Taylor, who is a member of the Australian Institute of Geoscientists. Mr Taylor is the Managing Director of Oklo Resources Limited. Mr Taylor is considered to have sufficient experience deemed relevant to the style of mineralisation and type of deposit under consideration, and to the activity that he is undertaking to qualify as a Competent person as defined in the 2012 edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves” (the 2012 JORC Code). Mr Taylor consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.



Investment Highlights



- ASX-listed gold exploration company focused on Mali, West Africa
- Large landholding covering over 1,300km² in Mali's prolific gold belts – host to world class, multi-million ounce mines

UNDEREXPLORED PROJECTS with outstanding initial results:

- **Dandoko** - Located 30km east of B2Gold's 5.15Moz Fekola project. Drilling includes **29m at 10.42g/t gold, 6m at 53.77g/t gold, 3m at 110.3g/t gold and 28m at 3.90g/t gold** at the Diabarou prospect and **21m at 5.67g/t gold** at the Disse prospect
- **Yanfolila** - Located 35km east of Hummingbird's 1.8Moz project. Drilling includes **26.5m at 3.59g/t gold**

HIGHLY EXPERIENCED MANAGEMENT TEAM

- Proven track record of large gold discoveries in West Africa now totalling >40Moz

FURTHER AGGRESSIVE DRILLING FUNDED from cash ~\$9.8m



Corporate Overview



Board and Management

Michael Fotios – Non-Executive Chairman

- Highly successful resource entrepreneur and company director. Proven track record through involvement in a number of recent transactions in the gold and lithium sectors

Simon Taylor - Managing Director & CEO

- Resource executive with over 25 years experience in geology, management at CEO and Board levels and in the finance sector

Dr Madani Diallo – Director - Country Manager

- Geochemist with outstanding track record as team member in the discovery of Sadiola (13Moz), Morila (8.5Moz), Syama (7.9Moz), Essakane (5.3Moz) and others. Strong relationship with Mali Govt, awarded a “Knighthood” as a pioneer to the Mali gold industry

Andrew Boyd - Technical Consultant

- Former GM – Geoscience for ASX companies Papillon Resources and Mantra Resources. Geophysicist with over 20 years of exploration and mining experience.

Djibril Diakite – Chief Geologist

- Over 15 years experience in exploration and mining at numerous multi-million ounce gold mines in Mali including Syama, Sadiola and Tabakoto

Capital Structure

Shares on Issue (m)	240.2
Market Cap at A\$0.14/share (m)	A\$33.6
Cash Balance (31 August 2016) (m)	~A\$9.8
Listed Options (m) - June 17, exercise A\$0.125	23.3
Unlisted Options (m) - average exercise A\$0.14	11.0

Major Shareholders

1832 Asset Management	8.78%
Terra Capital	6.26%
Hawkestone Group	5.25%
Ack Pty Ltd	4.26%
GP Securities Pty Ltd	4.16%
Top 20 Shareholders	53.78%

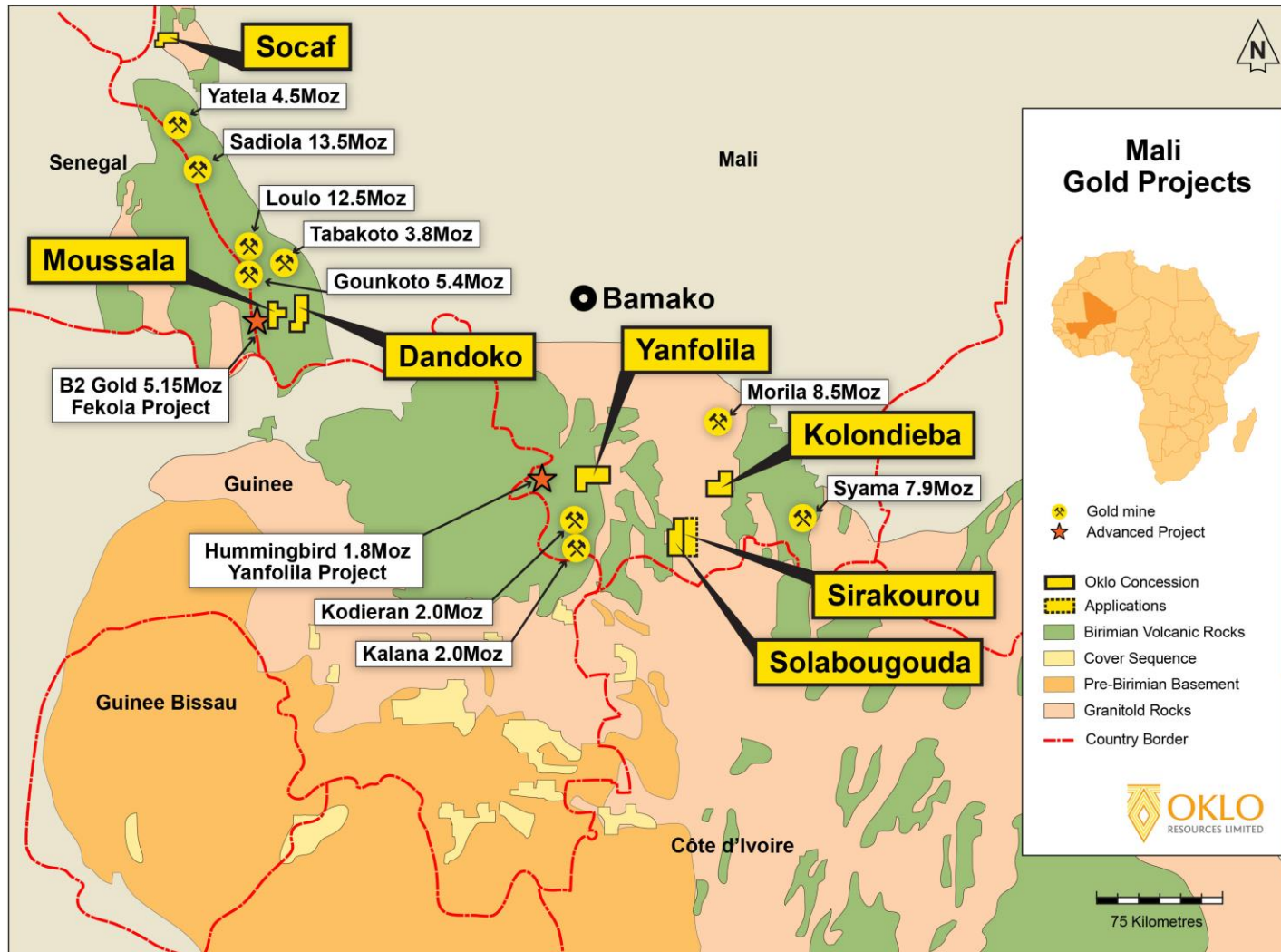
Directors

Jeremy Bond – Non-Executive Director

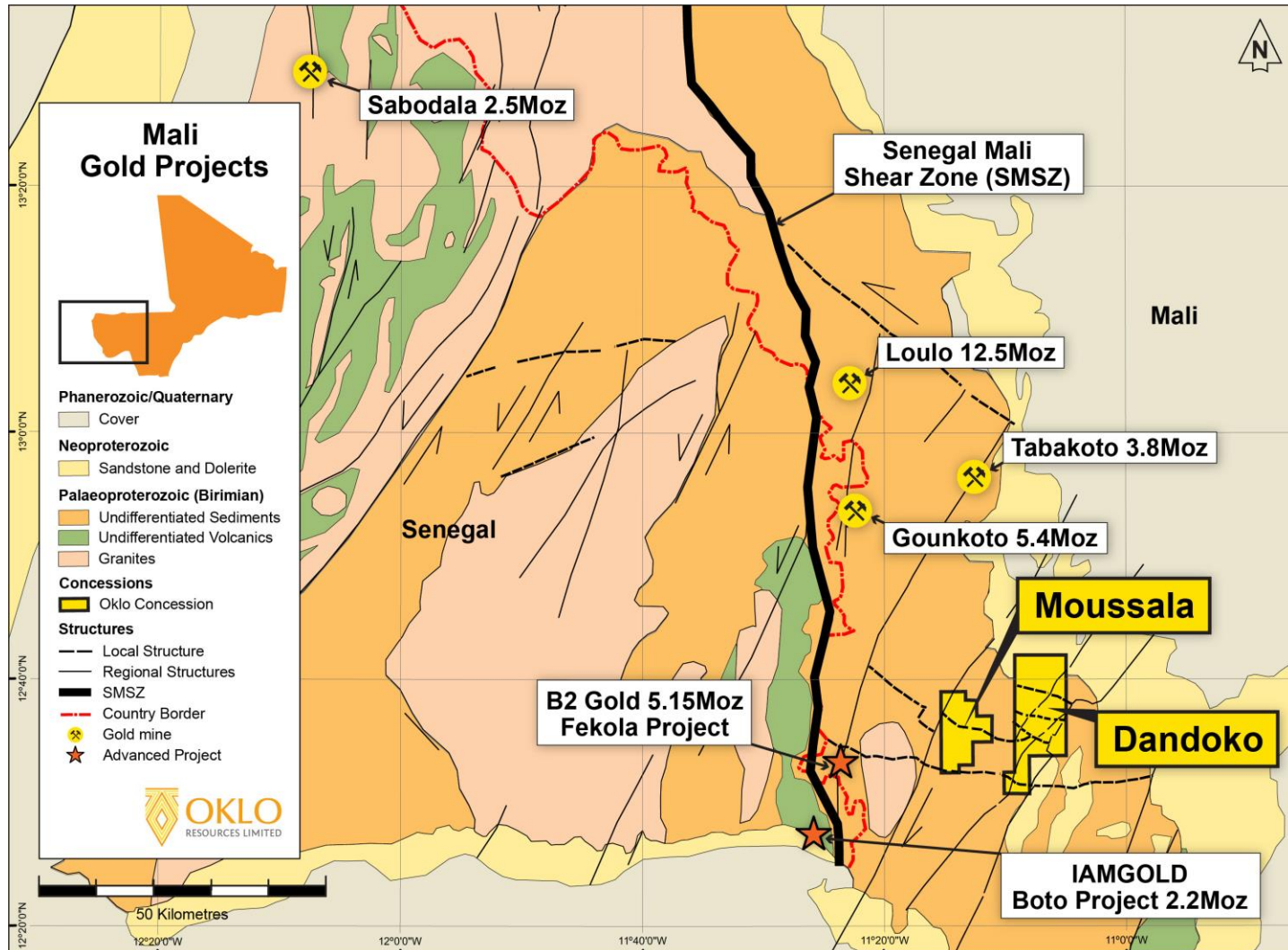
- Resource fund manager, investment banking



Extensive Landholding in Prolific Gold Belts



Dandoko & Moussala Projects World Class Gold Province



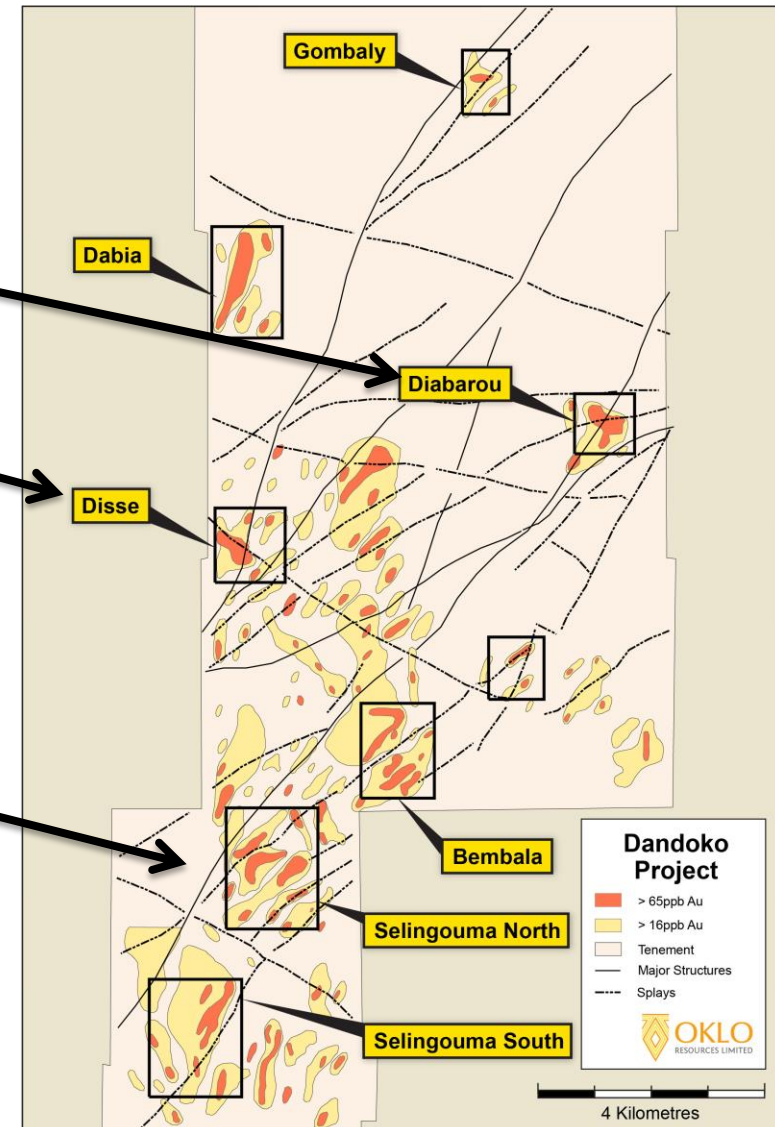
Dandoko Project

Multiple Drill Ready Targets



Multiple targets adjacent to NNE structural trend largely untested by drilling

- **Diabarou** – gold-in-soil anomaly with significant drilling results including **29m at 10.42g/t gold, 6m at 53.77g/t gold, 28m at 3.9g/t gold**
- **Disse** - gold-in-soil anomaly with artisanal workings. Aircore drilling returned **21m at 5.67g/t gold**. Further assays pending
- **Selingouma** – large **6km long gold-in-soil trend**. Initial shallow aircore drilling returned **18m at 1.75g/t gold**. Highly altered sediments, potential for large discovery. Drilling planned
- **Aggressive drilling programs to continue in 2016**



Dandoko Project

Recent Drilling Results

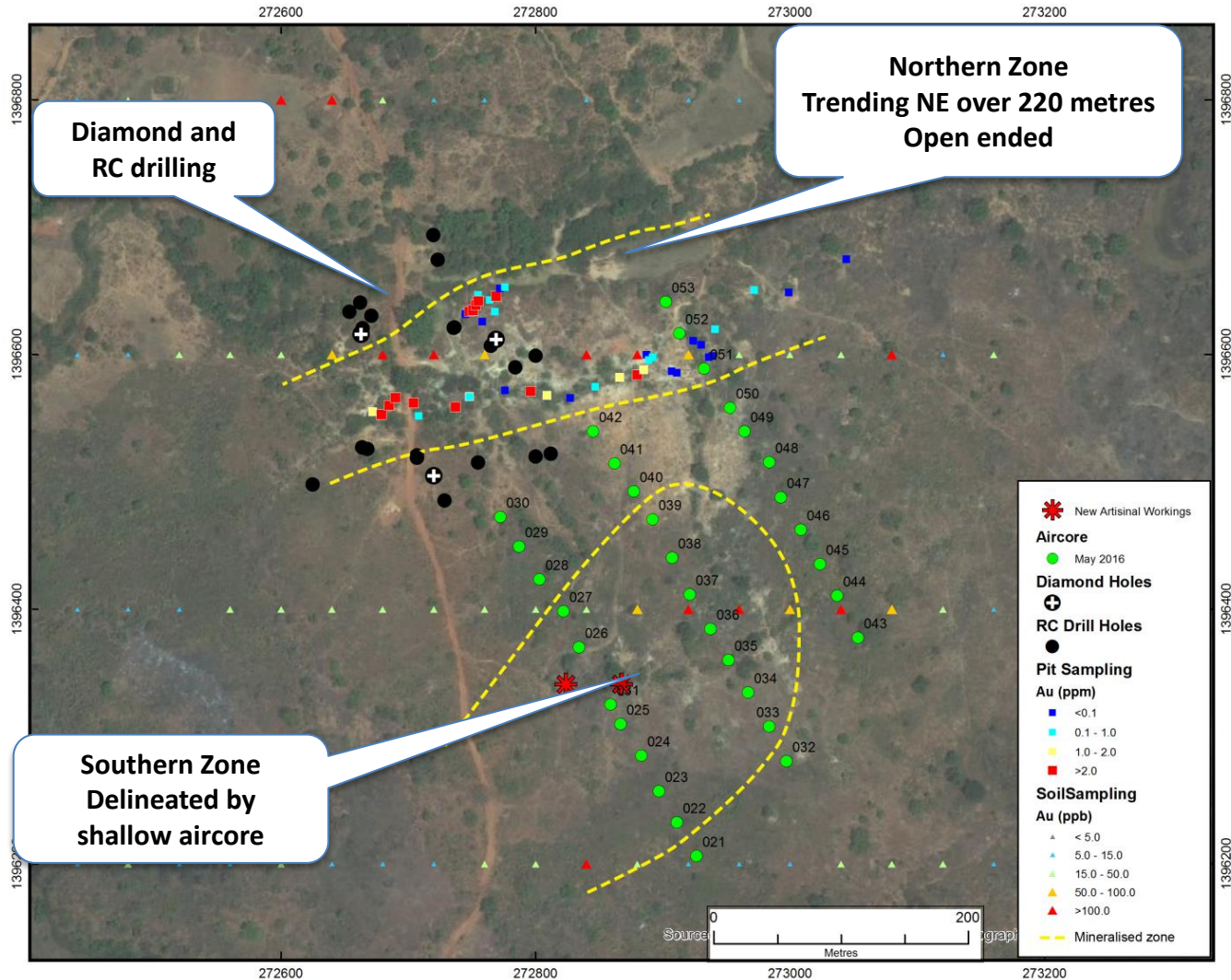
Diabarou

- Recent significant drill hole include:
 - 8m at 12.07g/t gold** from 130m, including **4m at 22.08g/t**
 - 7m at 19.82g/t gold** from 43m, including **3m at 38.00g/t**
 - 19m at 3.22g/t gold** from 89m, including **3m at 11.40g/t**
 - 5m at 24.15g/t gold** from 110m, including **1m at 98.80g/t**
- Diamond core confirmed alteration assemblages and gold mineralisation associated with multiple phases of fluid flow within well-developed structure
- Aircore drilling intersected new zones of quartz veining within **southern extensions** of extensive gold-in-soil anomaly with grades up to **21.20g/t gold**
- Significant aircore intersections include:
 - 8m at 3.80g/t** from 54m and **4m at 2.54g/t gold**

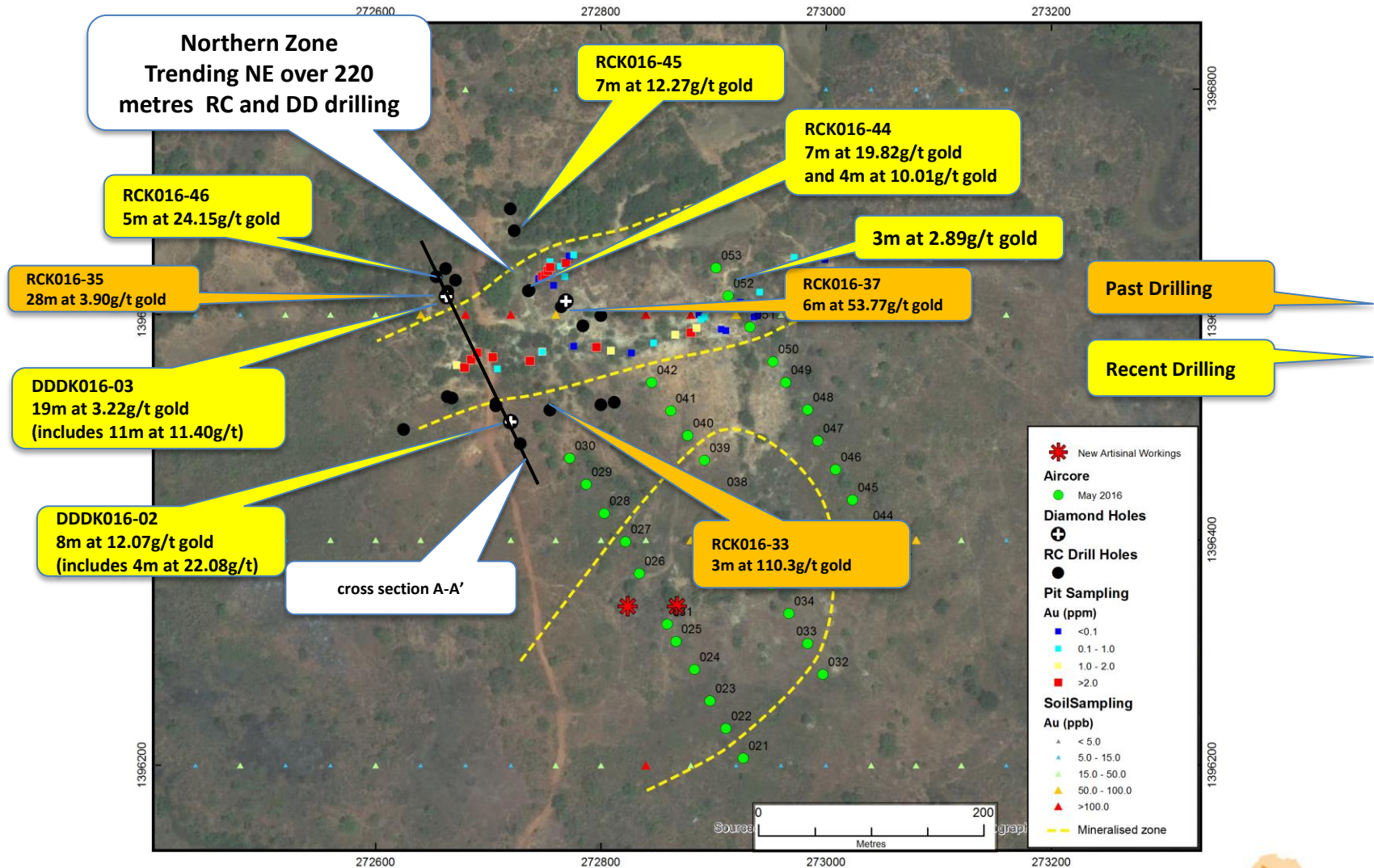


Drill core from DDDK-16-002, later stage qtz vein with visible gold

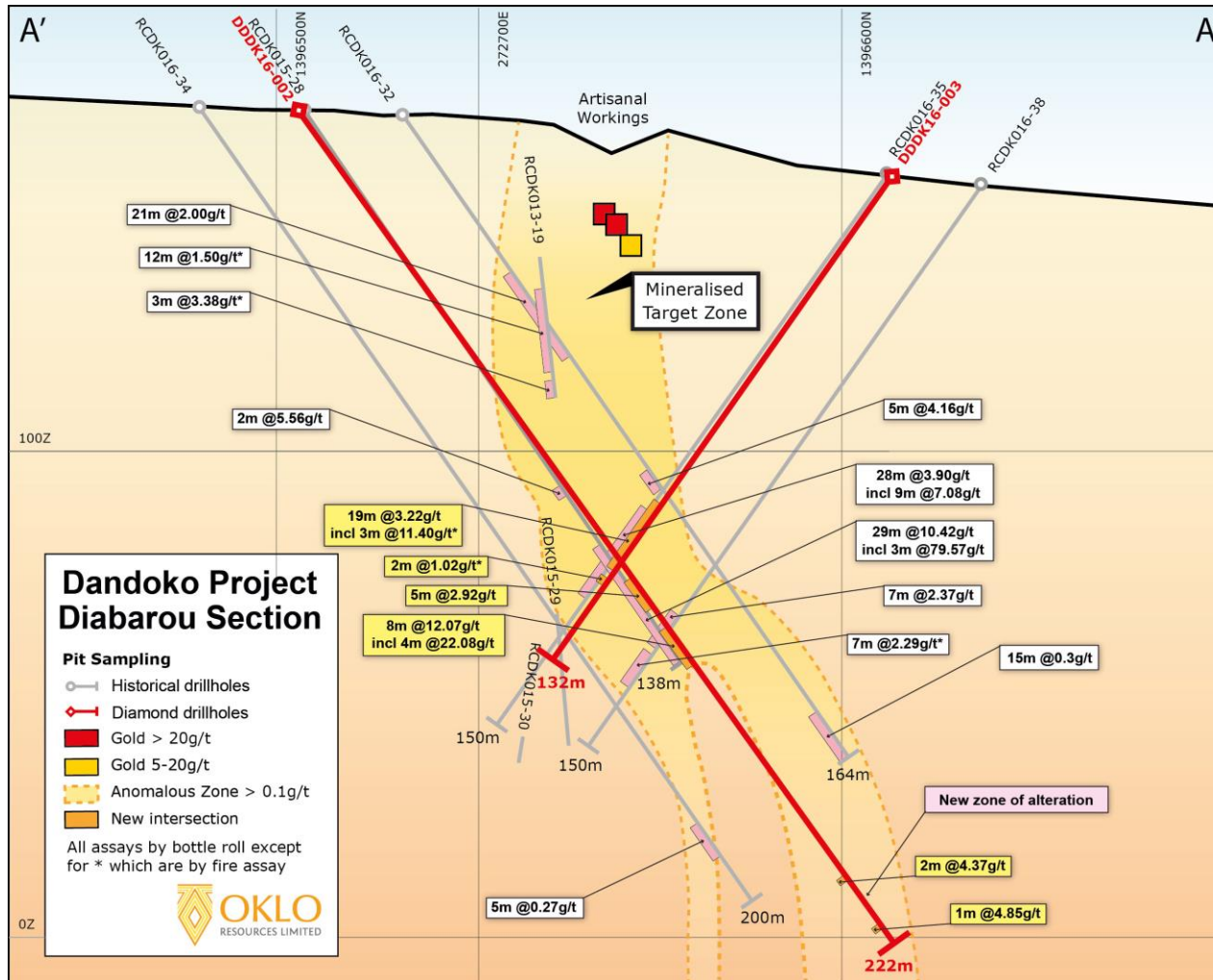
Diabarou Northern and Southern Zones



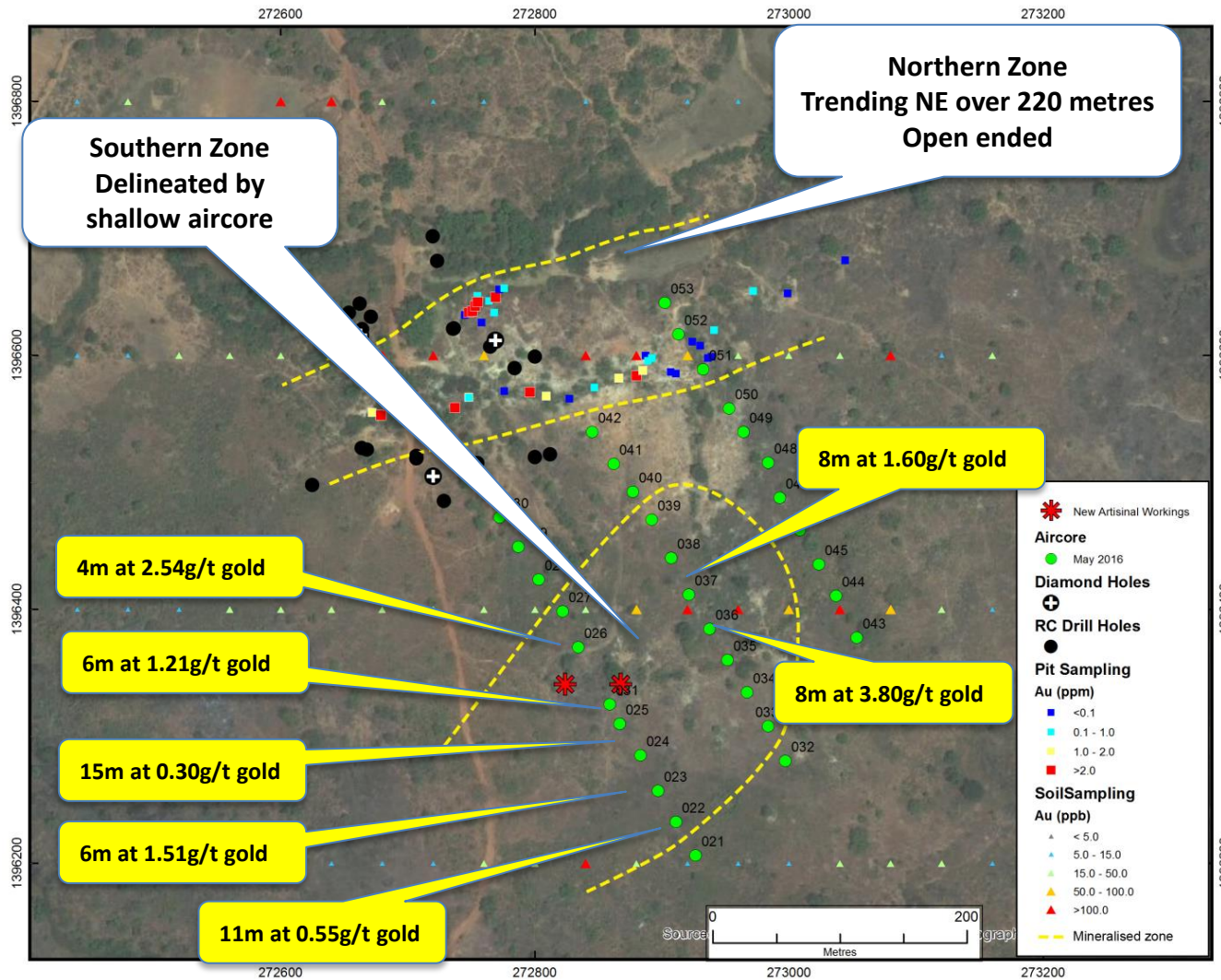
Diabarou Northern Zone Drilling Results



Diabarou Drill Section AA'

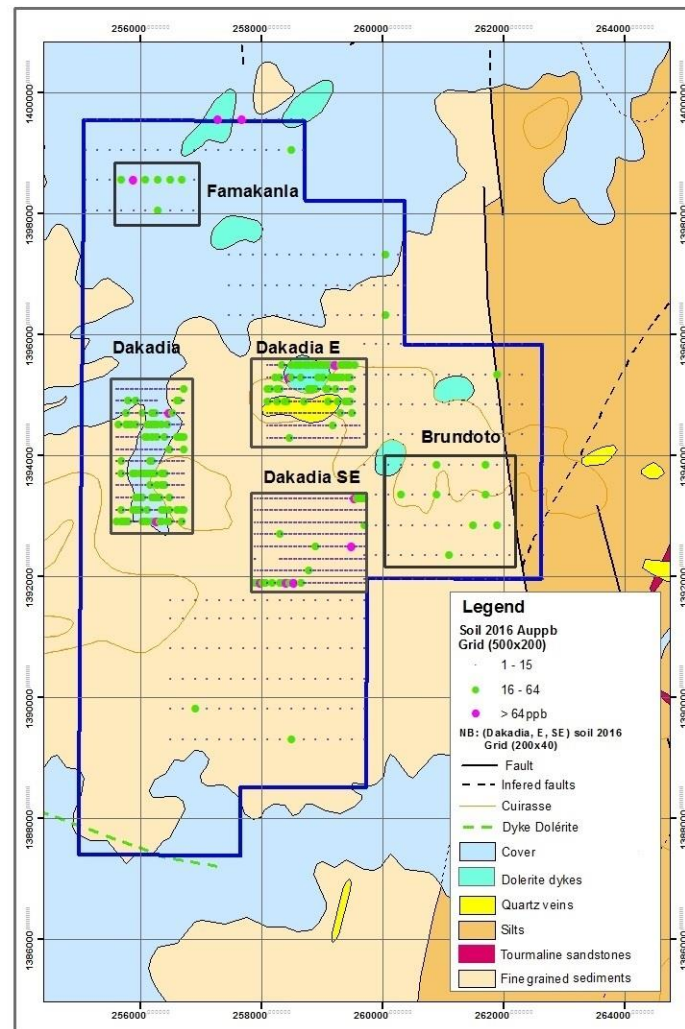
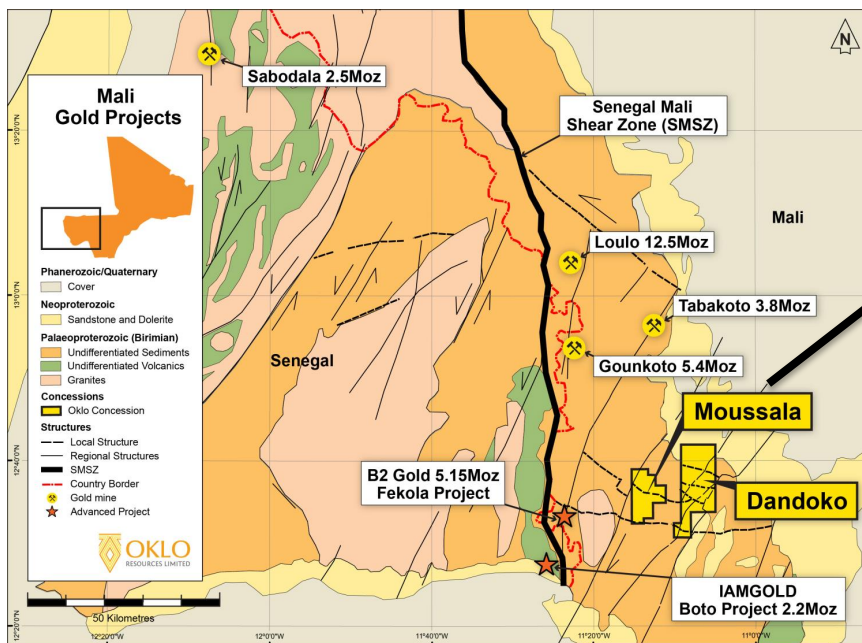


Diabarou Southern Zone – shallow AC



Moussala Project Multiple Targets – No Drilling

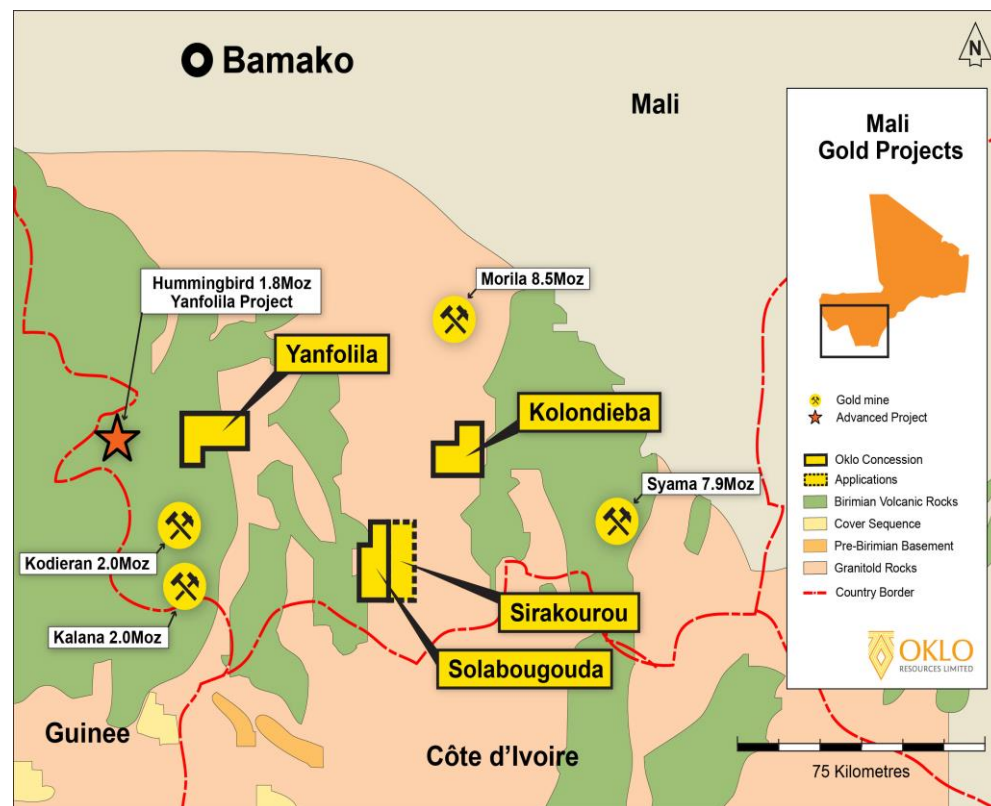
- Multiple early stage gold-in-soil targets with **NO DRILLING**
- Auger and aircore drilling scheduled



Yanfolila Project Solona Gold Discovery



- Located in southern Mali, 45km north of Avnel's Kalana gold deposit (2.1Moz at 4.5g/t) and 35km east of Hummingbird's Komana gold deposit (1.8Moz at 2.8g/t)
- First pass RC drilling at Solona Main prospect in 2012 returned:
 - 26.5m at 3.59g/t gold, including 18.0m at 5.15g/t
 - 26m at 7.17g/t gold
 - 10.9m at 3.79g/t gold within 52.4m at 1.30g/t
 - 10.0m at 2.96g/t gold within 23.0m at 1.74g/t
- First pass aircore drilling at Solona North West in 2015 returned **6m at 5.29g/t gold**
- Follow up RC drilling (5 holes) at Solona North West, further encouragement with grades up to **8.48g/t gold**



Infrastructure Snapshot



Bamako to Dandoko Project - five hours on sealed road



Excellent access for drilling



Good access to roads, water and power



Investment Summary

Why Oklo?



- Oklo is exploring in world class areas for the next multi-million oz gold deposit which continue to be found in West Africa
- **Highly experienced management team** with proven track record of large gold discoveries
- Large highly prospective land holding of over 1,300km² focussed on **well endowed gold belts in Mali**
- **Excellent initial first pass drilling results from:**
 - **Dandoko Project - new discovery at Diabarou, resource definition drilling to continue**
- **Fully funded (\$9.8m) with significant news flow anticipated over the next 12 months**
- **Key goal is to outline a resource at Dandoko and continue to advance exploration over multiple targets**



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