



**OKLO** ASX:OKU  
RESOURCES LIMITED

# EXPLORING AMONG THE GOLDEN GIANTS

1-2-1 CONFERENCE HONG KONG PRESENTATION - OCTOBER 2017



# DISCLAIMER

The material in this presentation (“material”) is not and does not constitute an offer, invitation or recommendation to subscribe for, or purchase any security in Oklo Resources Limited (“OKU”) nor does it form the basis of any contract or commitment. OKU makes no representation or warranty, express or implied, as to the accuracy, reliability or completeness of this material. OKU, its directors, employees, agents and consultants shall have no liability, including liability to any person by reason of negligence or negligent misstatement, for any statements, opinions, information or matters, express or implied, arising out of, contained in or derived from, or for any omissions from this material except liability under statute that cannot be excluded. Statements contained in this material, particularly those regarding possible or assumed future performance, costs, dividends, production levels or rates, prices, resources, reserves or potential growth of OKU, industry growth or other trend projections are, or may be, forward looking statements. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. Actual results and developments may differ materially from those expressed or implied by these forward looking statements depending on a variety of factors. OKU will not undertake any obligation to release publicly any revisions or updates to any forward looking statements to reflect events, circumstances or unanticipated events occurring after the date of this presentation except as required by law or by any appropriate regulatory authority.

This presentation is a visual aid and is not intended to be read as a stand alone document. The material contains selected and abbreviated summary information about OKU and its subsidiaries and their activities current as at the date of this presentation. The material is of general background and does not purport to be complete.

## **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.

# DELIVERING ON PRIORITIES

## INVESTMENT HIGHLIGHTS

### 12KM LONG GOLD TREND IDENTIFIED INCLUDING SEKO DISCOVERY

at Dandoko, located 30km east of B2Gold's 5.15Moz Fekola deposit.

- ▶ **SEKO** - Five auger gold trends covering >7km. First pass wide spaced AC and DD drilling has returned:

74m at 2.12g/t gold	28m at 3.38g/t gold
15m at 3.02g/t gold	17m at 4.04g/t gold
13m at 2.29g/t gold	24m at 2.02g/t gold
54m at 1.37g/t gold	34m at 1.92g/t gold

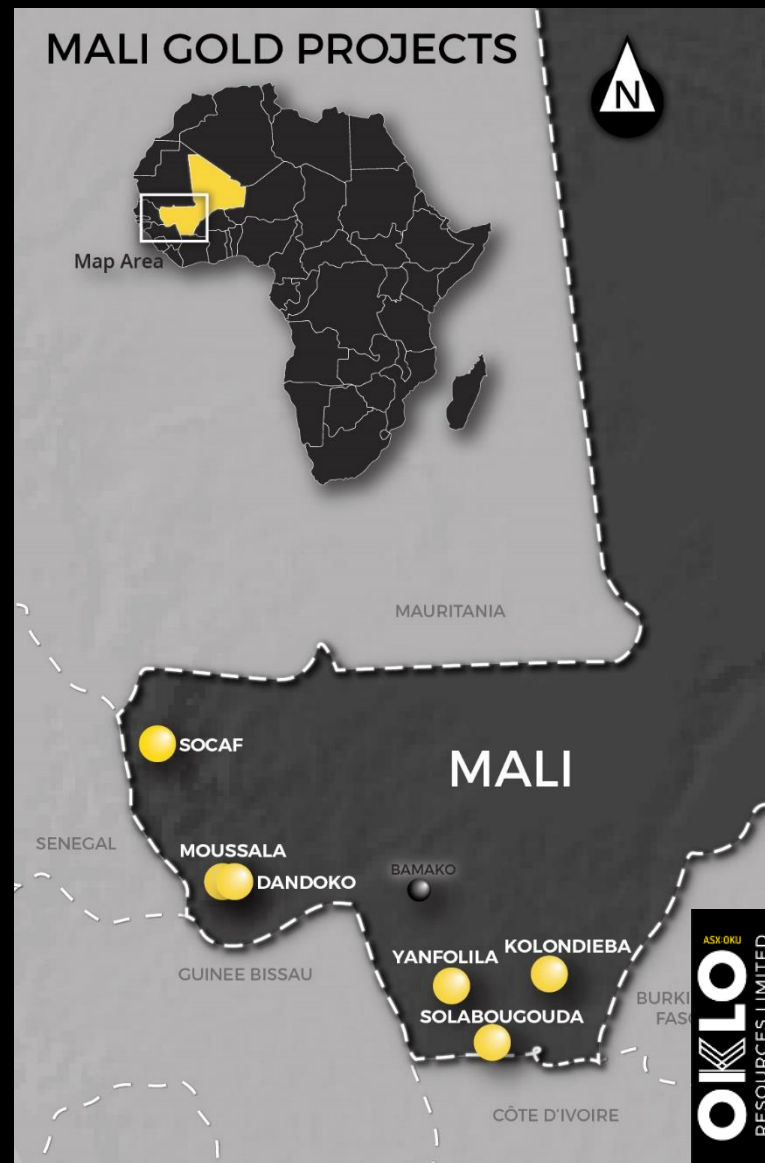
- ▶ **DIABAROU AND DISSE** - significant RC and DD results:

29m at 10.42g/t gold	6m at 53.77g/t gold
3m at 110.3g/t gold	28m at 3.90g/t gold
21m at 5.67g/t gold	13m at 4.69g/t gold

**FINANCED FOR SIGNIFICANT NEWS FLOW** Approx. \$12.7M in cash to support ongoing aggressive drilling programs.

### DRILLING PROGRAMS

led by experienced management team, involved in over 40Moz of gold discoveries in West Africa.





# STRONG FOUNDATION

## 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** *GENERAL MANAGER - EXPLORATION*

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

▶ **BATHILY MAMADOU** *PRINCIPAL GEOLOGIST*

Geologist with over 30 years experience in Mali including BHP and Randgold at Morila, Syama and Yanfolila. Awarded a “Knighthood” for services to the Mali mining industry.

▶ **LARA IACUSSO** *CHIEF FINANCIAL OFFICER*

Accountant with 20+ years in financial advisory services and extensive experience in private and public companies operating in Mali.

### CAPITAL STRUCTURE

**A\$75.5M**  
MARKET CAP AT  
A\$0.25/SHARE

**~A\$62.5M**  
ENTERPRISE  
VALUE

**~A\$12.7M**  
CASH BALANCE  
(SEPTEMBER 2017)

**301.9M**  
SHARES ON  
ISSUE

Unlisted Options  
average exercise A\$0.22

22.7M

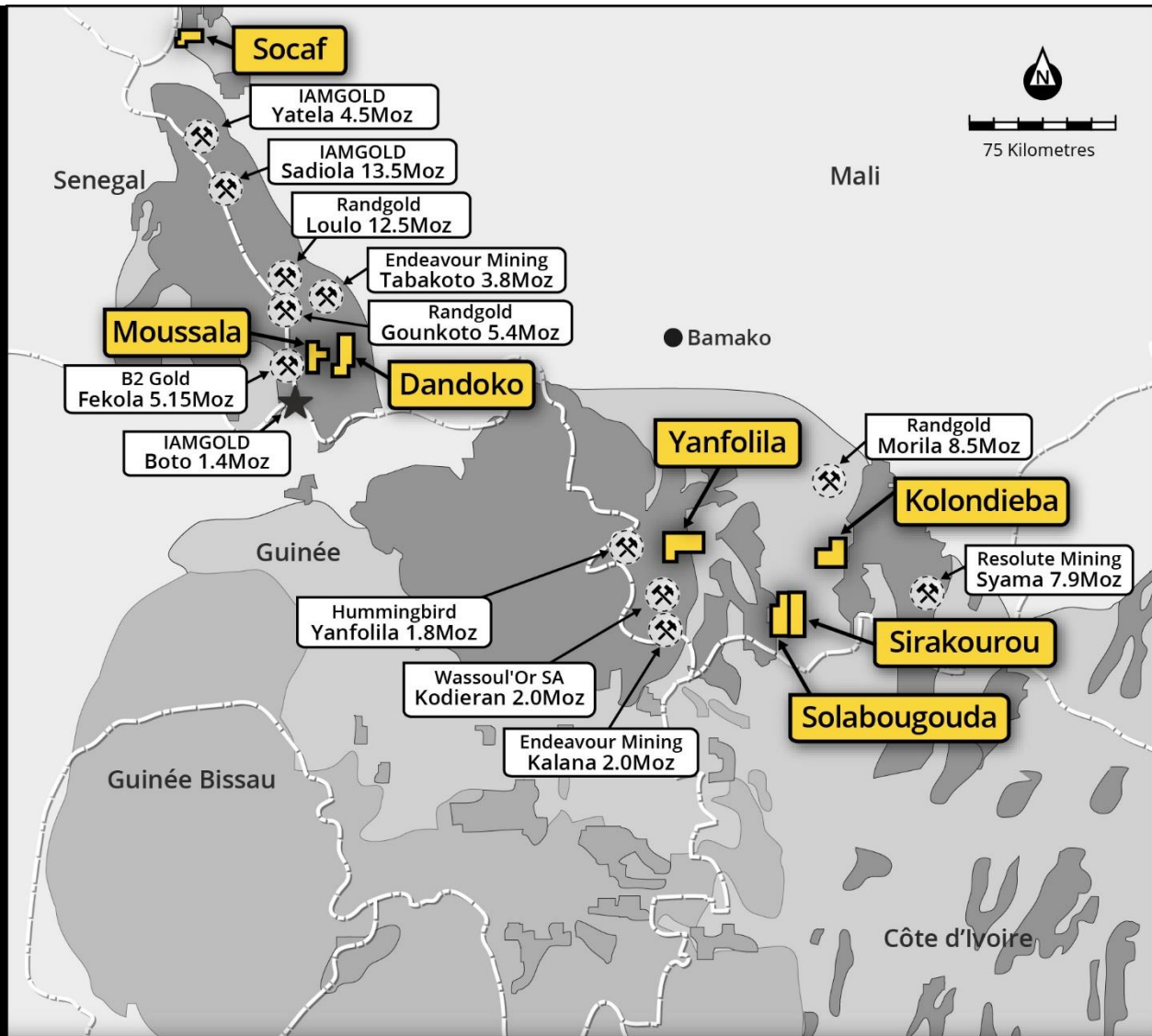
### MAJOR SHAREHOLDERS

BlackRock Group	15.16%
1832 Asset Management	7.63%
Hawkestone Group	6.53%
Directors and Management	6.00%
Resolute Mining Ltd	5.48%
Ack Pty Ltd	5.47%

**68%** TOP 20  
SHAREHOLDERS

# MALI'S GOLDEN TRIANGLE

LARGE 1,300km<sup>2</sup> PROSPECTIVE LAND POSITIONS IN MAJOR GOLD REGION

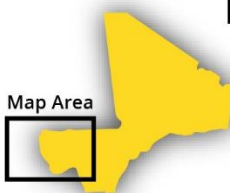
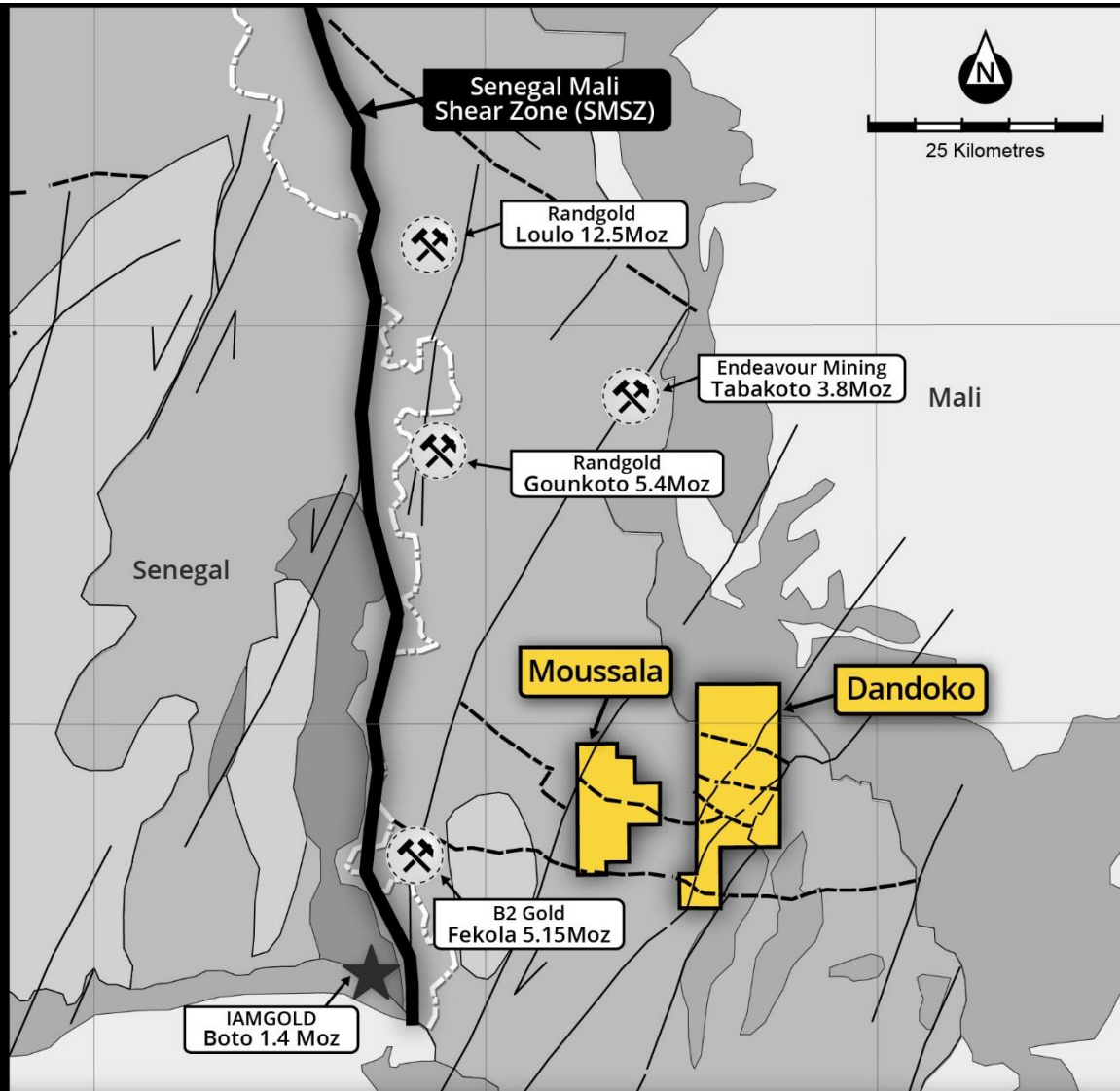


## MALI GOLD PROJECTS

- Gold Mine
- Advanced Project
- Oklo Projects
- Country Border
- Birimian Volcanic Rocks
- Cover Sequence
- Pre-Birimian Basement
- Granitoid Rocks
- Younger Cover

# MULTI-MILLION OUNCE REGION

## DANDOKO AND MOUSSALA PROJECTS



### MALI GOLD PROJECTS

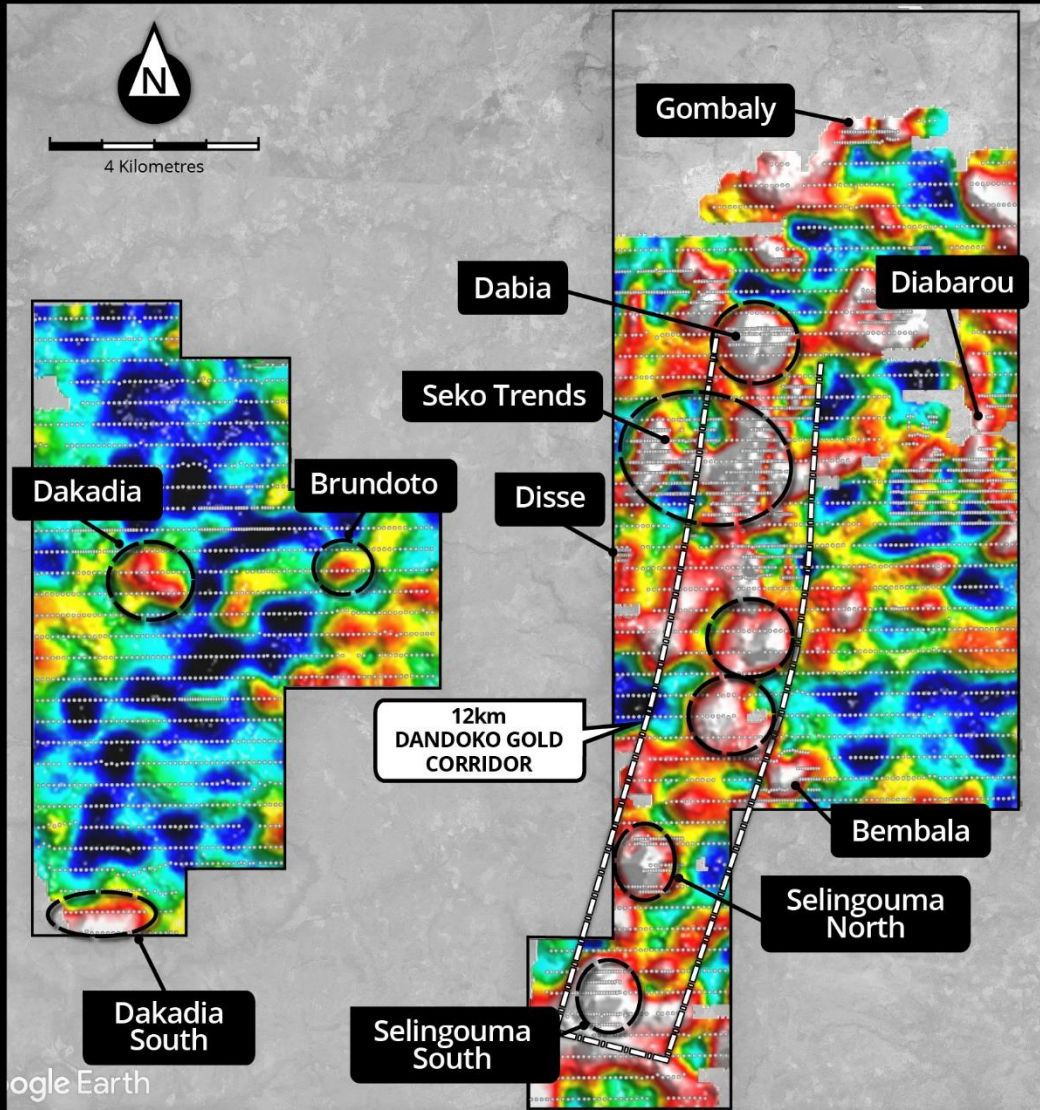
- |                              |                     |
|------------------------------|---------------------|
| Phanerozoic/Quaternary       | Oklo Projects       |
| Cover                        | Oklo Projects       |
| Neoproterozoic               | <b>Structures</b>   |
| Sandstone and Dolerite       | Local Structure     |
| Palaeoproterozoic (Birimian) | Regional Structures |
| Undifferentiated Sediments   | SMSZ                |
| Undifferentiated Volcanics   | Country Border      |
| Granites                     | Gold mine           |
|                              | Advanced Project    |



# UNDEREXPLORED GOLD PROJECTS WITH OUTSTANDING RESULTS TO DATE

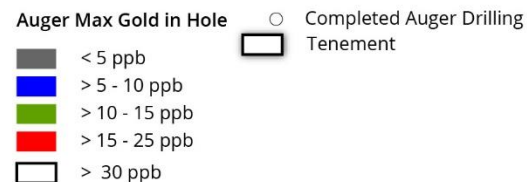
## DANDOKO AND MOUSSALA

- ▶ 74,100m of auger drilling completed since Oct 2016 – average hole depth 12m.
- ▶ Results delineated:
  - ▶ 12km long Dandoko gold corridor
    - ▶ Including **Seko** discovery
  - ▶ Numerous trends at **Moussala** and results up to **5.8g/t gold**.



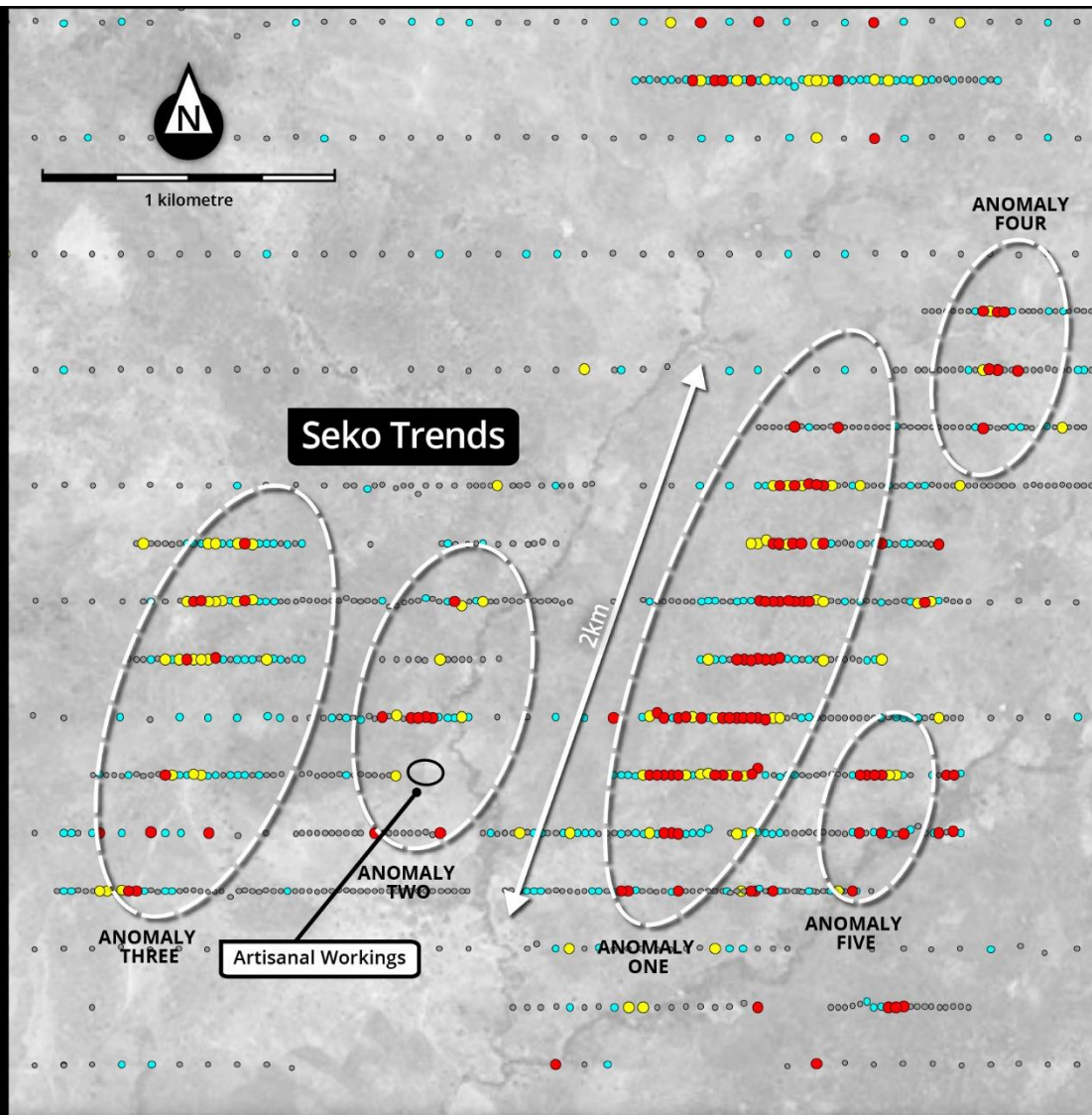
### DANDOKO AND MOUSSALA PROJECTS

AUGER MAX GOLD IN HOLE



# SEKO DISCOVERY POTENTIAL FOR A LARGE GOLD SYSTEM

- ▶ Five strong coherent auger gold trends up to 2.0km long, with a combined strike length of >7km.
- ▶ Large footprint with no previous drilling.



## DANDOKO PROJECT SEKO PROSPECT

Completed Auger Results  
Au (best in hole) Max Au ppb

- <25.0
- 25.0-75.0
- 75.0 - 150.0
- >150.0

○ Auger gold trend

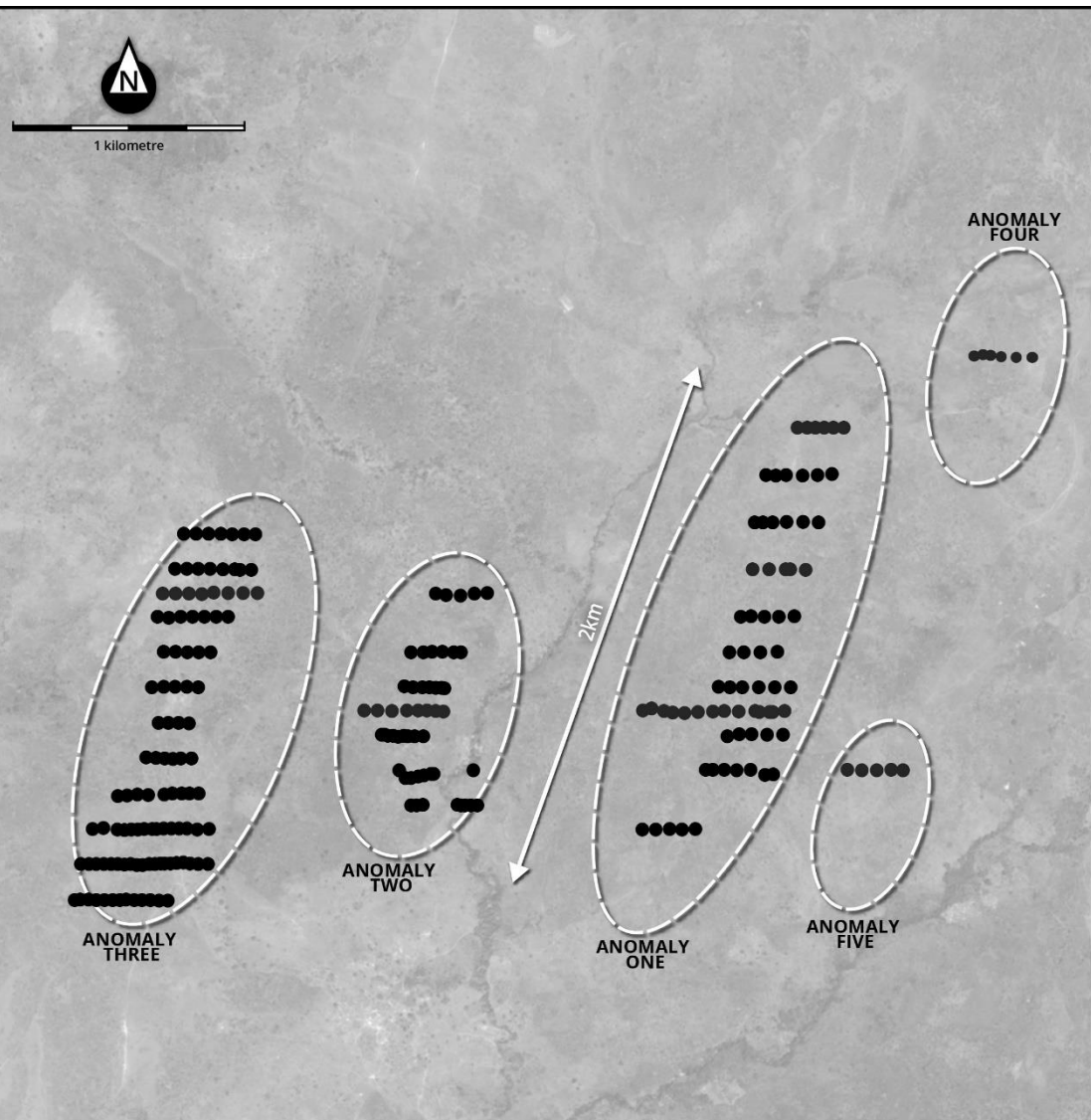


# SEKO DISCOVERY

## FIRST PASS AIRCORE DRILLING RESULTS

- ▶ 16,760m AC drilling on 100m spaced traverses - average hole depth 56m.
- ▶ Significant shallow gold confirmed in all 5 Seko anomalies including:
  - ▶ 28m at 3.38g/t gold from 2m inc 17m at 5.04g/t gold from 2m
  - ▶ 17m at 4.04g/t gold \* from 16m
  - ▶ 54m at 1.37g/t gold from 0m inc 24m at 2.02g/t gold from 12m
  - ▶ 34m at 1.92g/t gold from 11m inc 22m at 2.05g/t gold from 13m
  - ▶ 35m at 1.86g/t gold from 55m inc 15m at 3.02g/t gold from 64m
  - ▶ 13m at 2.29g/t gold\* from 83m
  - ▶ 13m at 2.27g/t gold from 23m
  - ▶ 5m at 10.25g/t gold from 10m
  - ▶ 18m at 2.01g/t gold from 51m
  - ▶ 40m at 1.51g/t gold from 0m

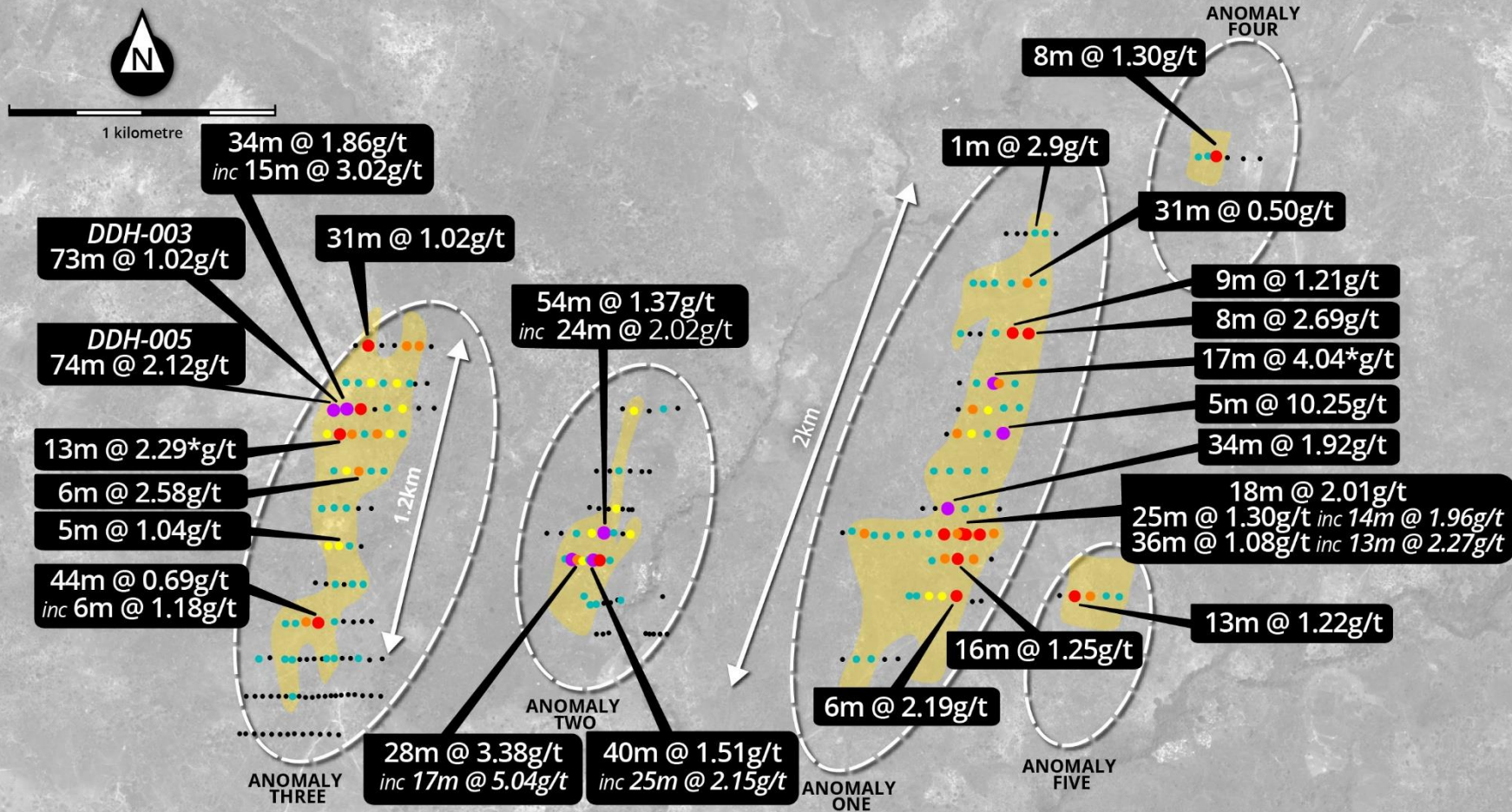
\* Hole ended in mineralisation



### DANDOKO PROJECT SEKO PROSPECT

- Phase 1 aircore hole
- Phase 2 aircore hole
- Diamond hole
- Auger gold trend

# SEKO DISCOVERY AIRCORE GOLD TRENDS



## DANDOKO PROJECT SEKO PROSPECT

**AIR CORE DRILLING RESULTS**  
Average vertical hole depth 56m

Total Grade Thickness = g/t x m

- <0.5
- 0.5 - 5
- 5 - 10
- 10 - 20
- 20 - 50
- >50

○ Auger gold trend

● Air core gold trend

\* Hole finished in mineralisation

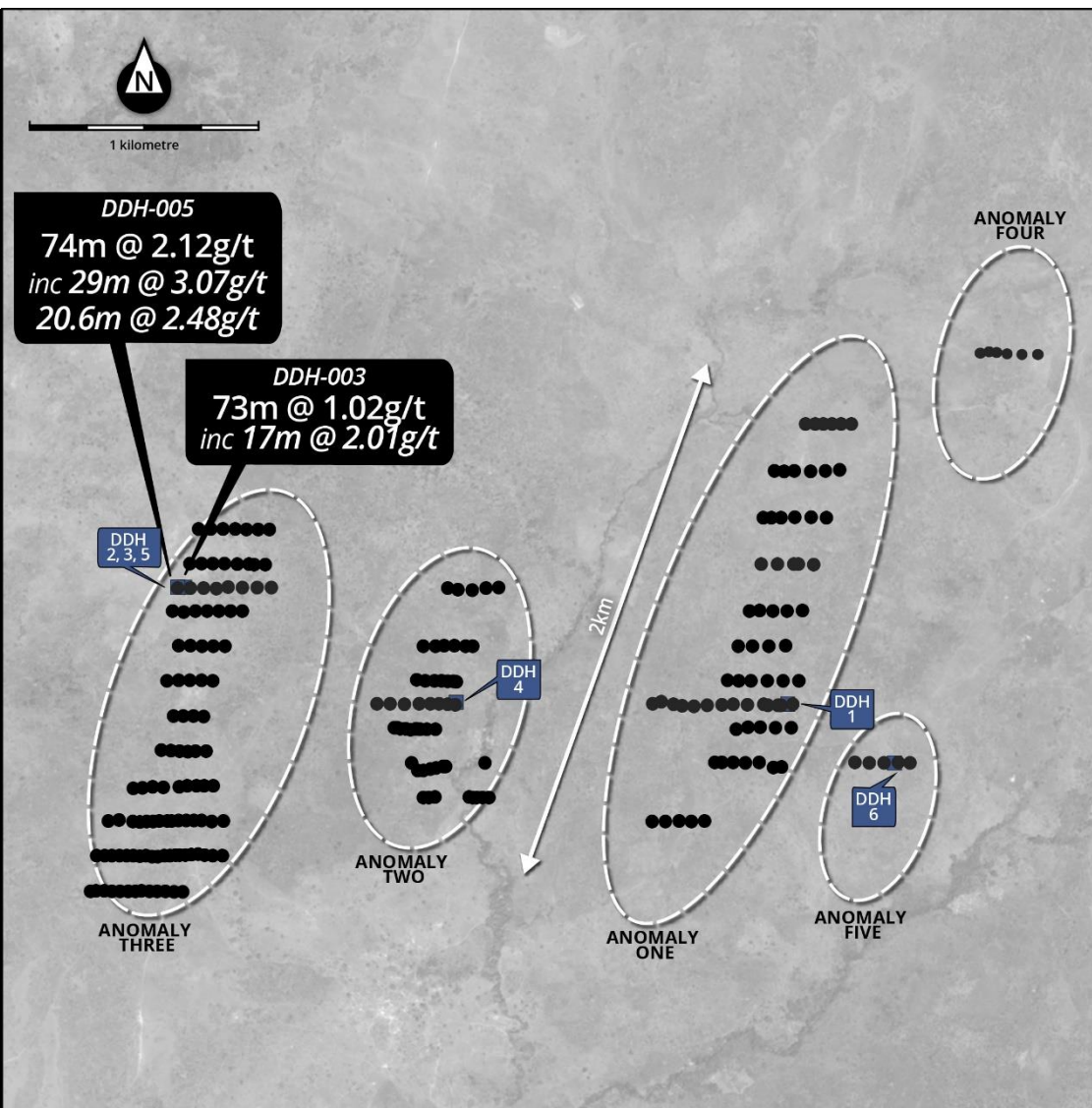
Xm @ Xg/t Previous results (g/t Au)

Total Grade Thickness is calculated by finding all intersections within a hole averaging >0.1g/t allowing for maximum of 5m consecutive internal waste and then calculating the totaling grade thickness product of each of these intersection on a per hole basis.



# SEKO DISCOVERY STRATIGRAPHIC DEEPER DIAMOND DRILLING

- ▶ 6 holes completed to max depth of 221m (180m vertical).
- ▶ All holes intersected alteration zones in fresh rock over wide intervals.
- ▶ Drilling confirms **primary source** to Seko gold mineralisation.
- ▶ DDH-005 returns:
  - ▶ **74m at 2.12g/t gold** from 85m  
*inc 29m at 3.07g/t gold from 86m*  
*inc 6m at 11.08g/t gold from 103m*  
*and*  
*inc 20.6m at 2.48g/t gold from 130m*  
*inc 8m at 5.38g/t gold from 130m*
- ▶ DDH-003 returns:
  - ▶ **73m at 1.02g/t gold** from 86m  
*inc 17m at 2.01 from 94m*

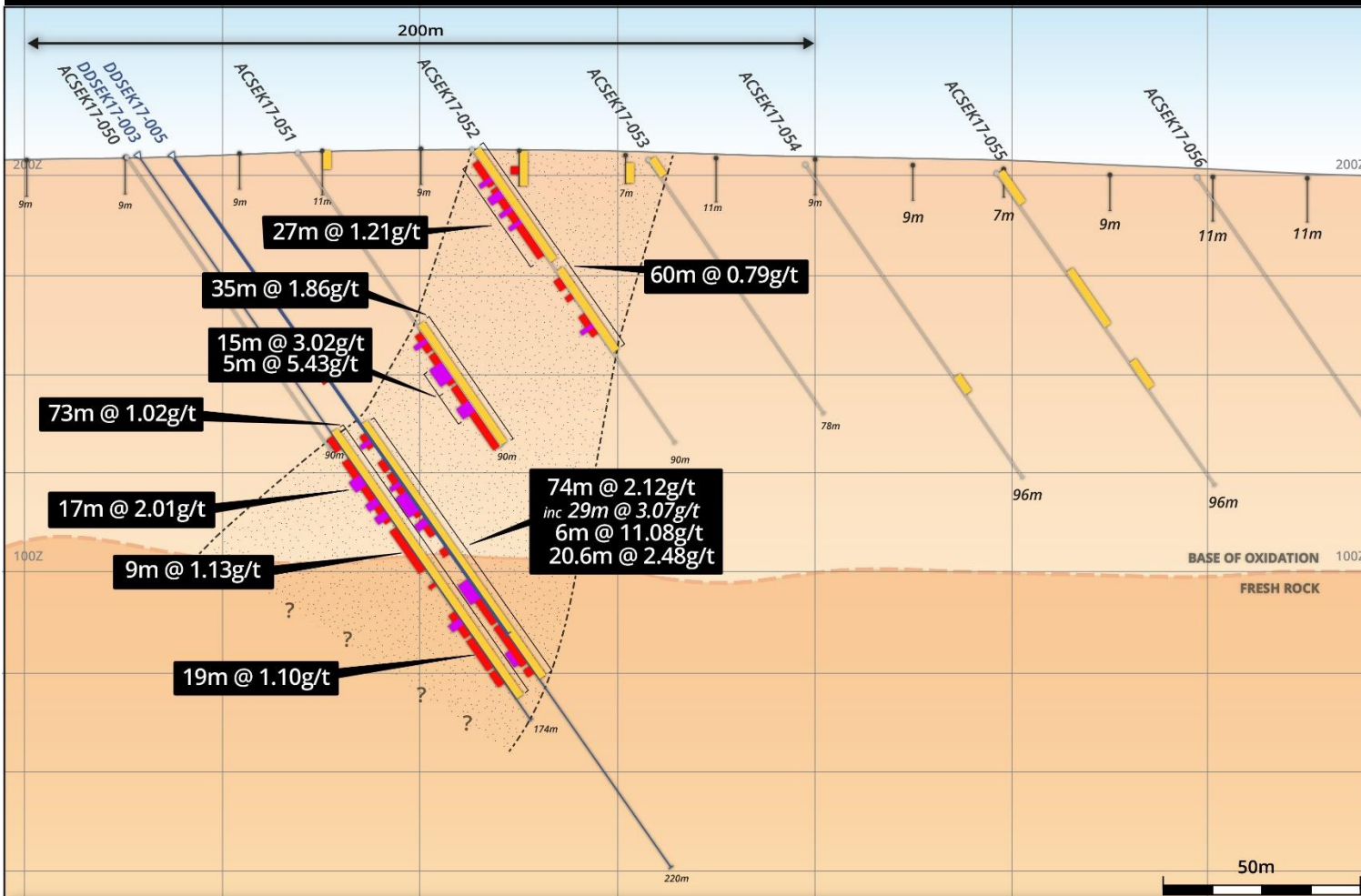
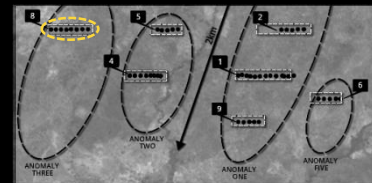


## DANDOKO PROJECT SEKO PROSPECT

- Phase 1 aircore hole
- Phase 2 aircore hole
- Diamond hole
- Auger gold trend
- Xm @ Xg/t Previous results (g/t Au)

# SEKO DISCOVERY

## CROSS SECTION LINE 8 - 1396800N



### DANDOKO PROJECT SEKO CROSS SECTION

ANOMALY THREE  
LINE 8 - 1396800

170915\_pp

- Hole type**
- Auger
  - Aircore
  - ◇ Diamond
  - ⊕ Reverse Circulation
- █ Intersection of >2.0g/t Au
  - █ Intersection of >1.0g/t Au
  - █ Intersection of >0.1g/t Au
  - ⋯ Mineralised gold envelope
- X Intersections are calculated by selecting all material  $\geq 0.1g/t$  Au with 1m of internal dilution and an overall grade of  $\geq 1.0g/t$ .



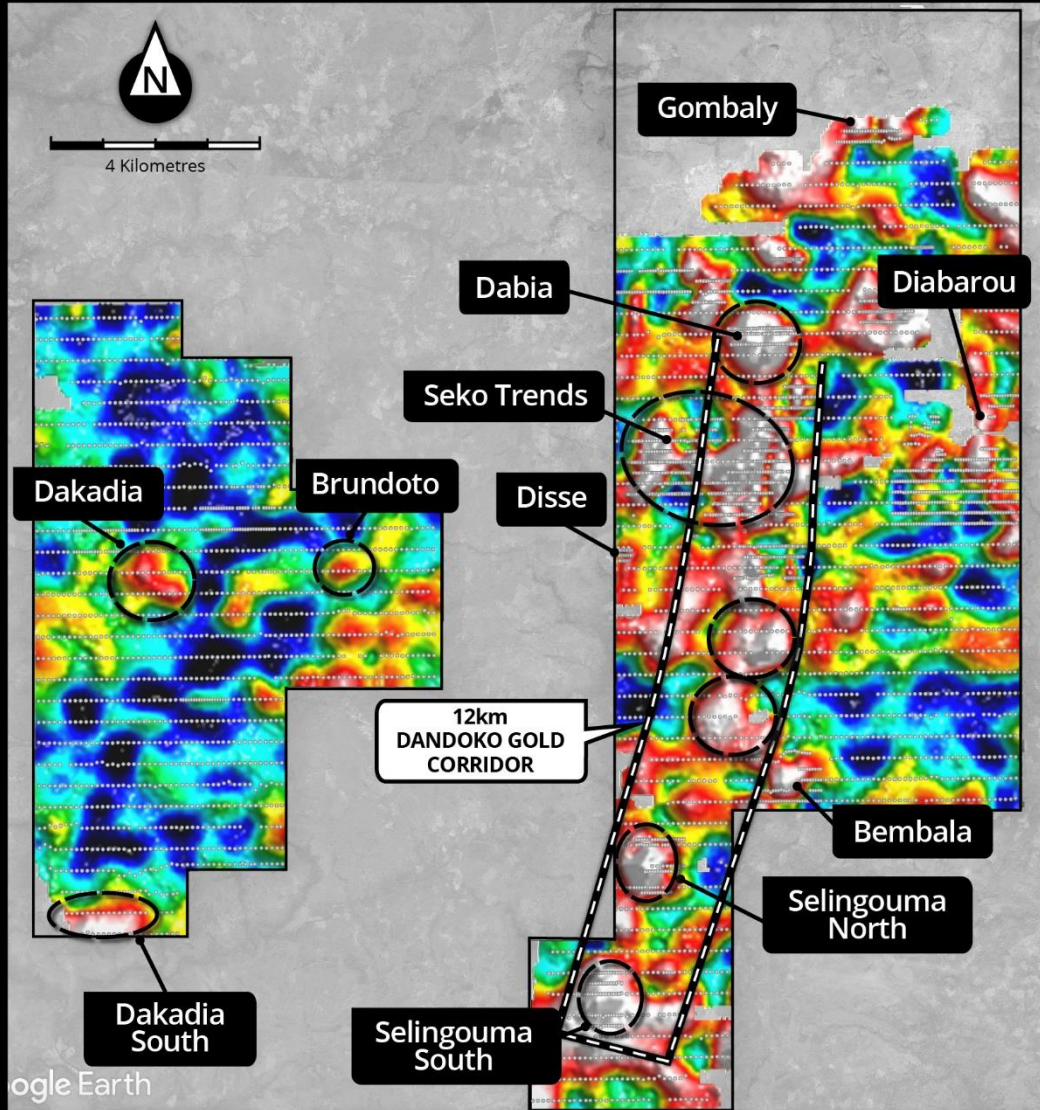
# ADDITIONAL OUTSTANDING RESULTS DANDOKO

▶ **Diabarou prospect** – gold-in-soil anomaly, significant drilling results including:

- ▶ 29m at 10.42g/t gold
- ▶ 6m at 53.77g/t gold
- ▶ 28m at 3.90g/t gold

▶ **Disse prospect** - gold-in-soil anomaly, significant drilling results including:

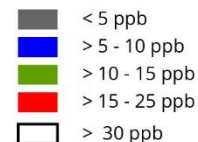
- ▶ 21m at 5.67g/t gold
- ▶ 13m at 4.69g/t gold



## DANDOKO AND MOUSSALA PROJECTS

AUGER MAX GOLD IN HOLE

Auger Max Gold in Hole

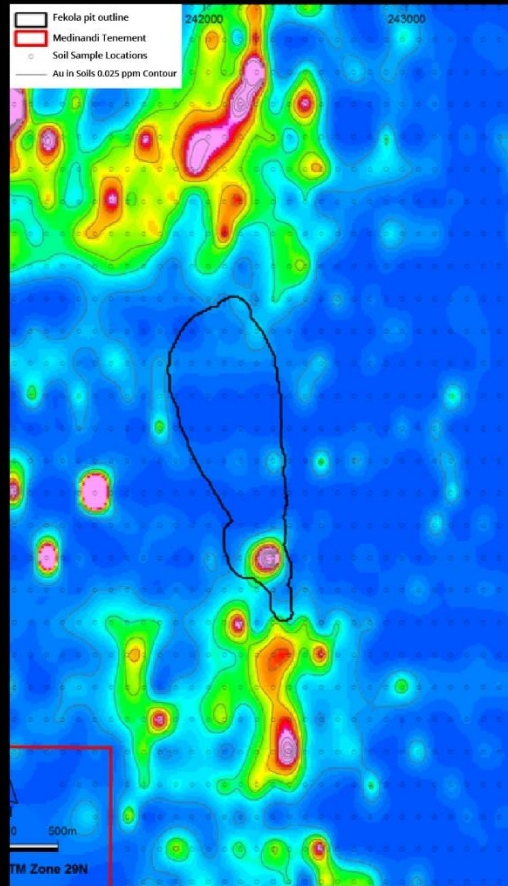


○ Completed Auger Drilling Tenement

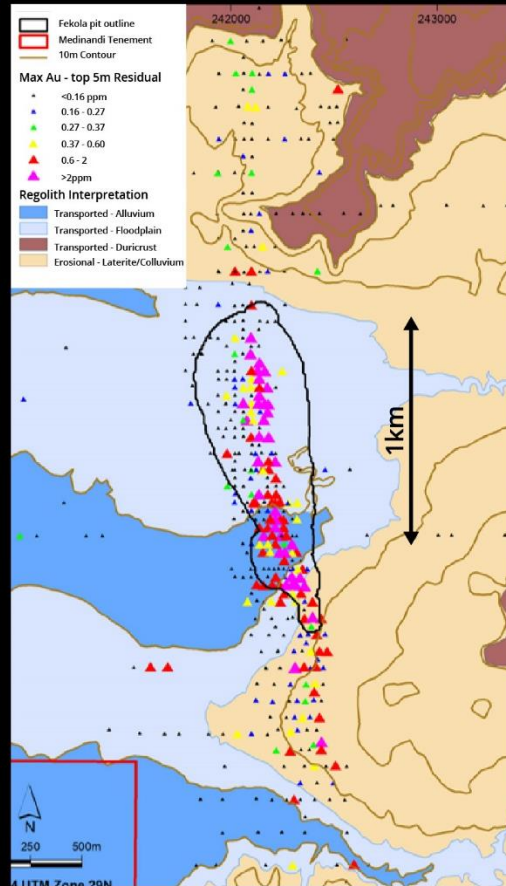
# SOILS v AUGER

## FEKOLA v SEKO

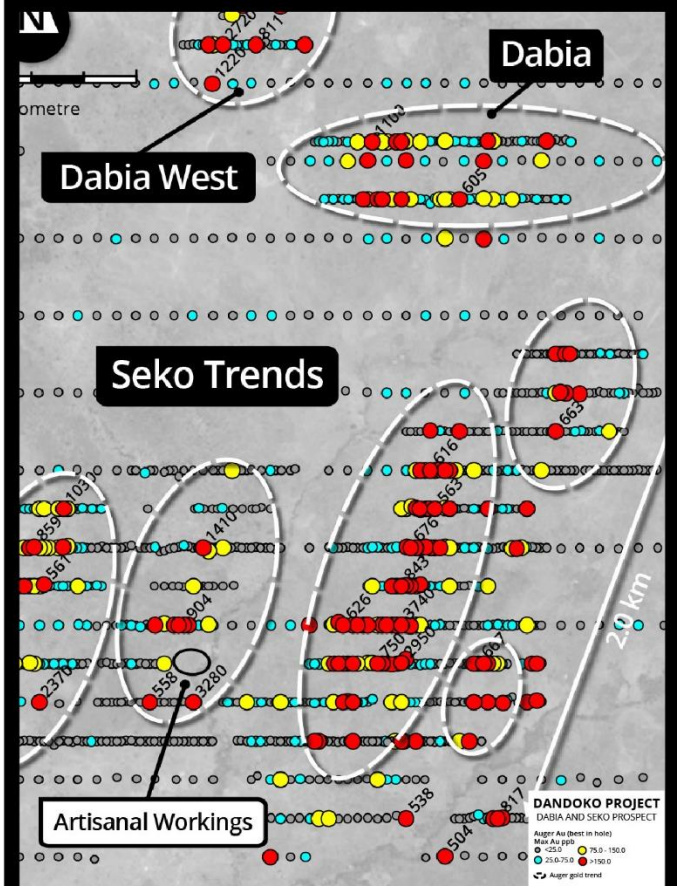
### FEKOLA – Soils



### FEKOLA – Top of saprock from drilling



### SEKO - Auger



Source: The Fekola Gold Deposit: A new multi-million ounce gold discovery in the Kenieba District of Western Mali.  
 Authors: Andrew Boyd, Richard Dahl and Simon Dorling.



# AGGRESSIVE DRILL PROGRAM

## FUNDED FROM CURRENT CASH RESERVES

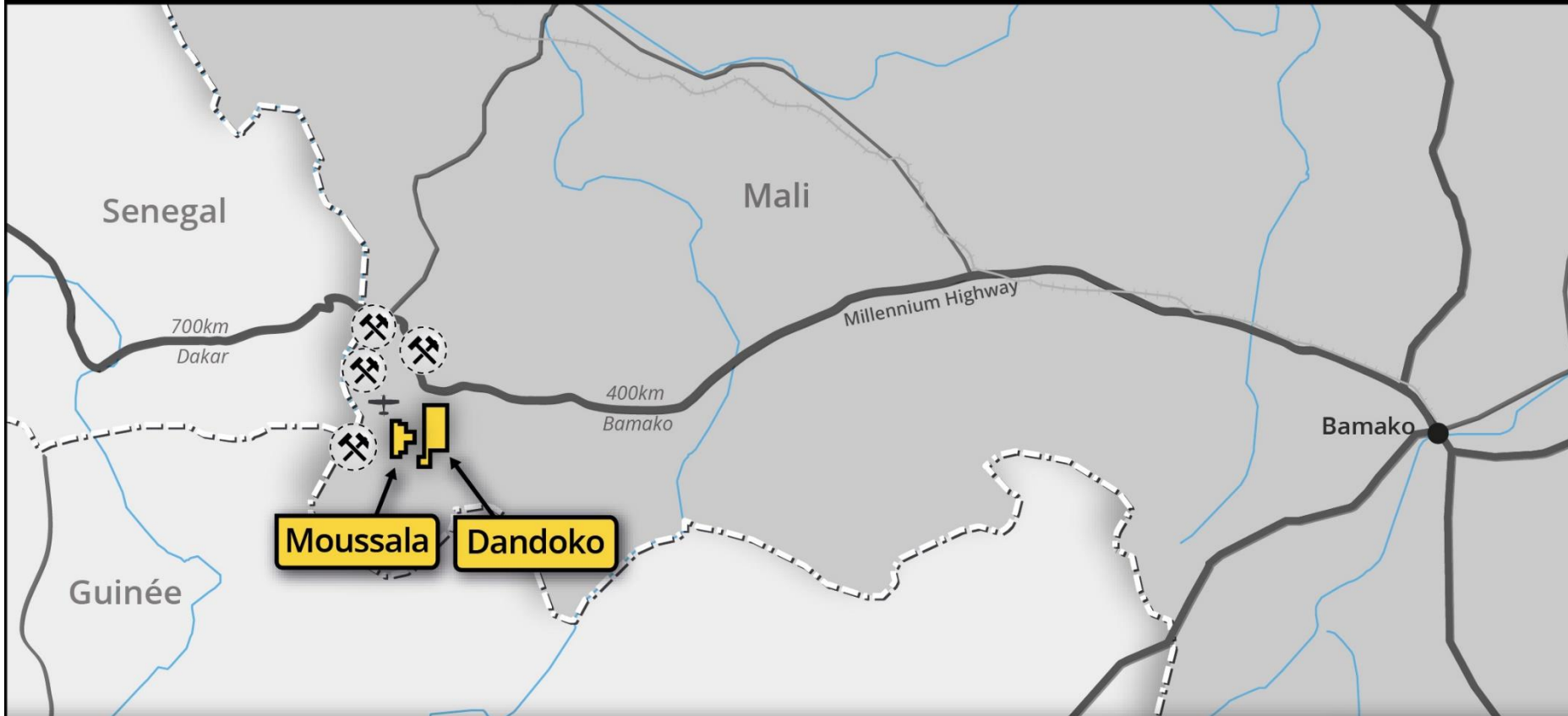
### 2017/2018 SEASON

- ▶ **SEKO DISCOVERY**  
Resource definition drilling AC, RC & DD
- ▶ **DANDOKO GOLD CORRIDOR**  
First pass AC drilling
- ▶ **REGIONAL TARGETS**  
Reconnaissance drilling other projects



# INFRASTRUCTURE

ESTABLISHED REGION WITH MAJOR MINING OPERATIONS



## REGIONAL INFRASTRUCTURE

- Gold Mine
- Oklo Projects
- Country Border
- Major Road
- Secondary Road
- River
- Rail
- Kenieba Airport





“

**...results to date suggest the potential for a sizeable gold discovery, based on the scale of anomalism, and favourable regional setting which is known to host numerous +5 Moz gold deposits**

Reg Spencer Cannacord May 2017



”

# PURSUING OPPORTUNITY

## INVESTING IN OKLO RESOURCES

**HIGHLY EXPERIENCED MANAGEMENT TEAM** involved in over 40Moz of gold discoveries in West Africa.

**EXTENSIVE LAND POSITION IN MAJOR GOLD REGION** large landholding covering over 1,300 km<sup>2</sup> in Mali, West Africa with strong exploration potential.

**EXCELLENT INITIAL FIRST PASS DRILLING** results from Dandoko with significant potential to host a large gold system.

**KEY FOCUS TO OUTLINE RESOURCE** via aggressive drilling programs, with priority exploration over the Seko discovery and other targets.







**OKLO** ASX:OKU  
RESOURCES LIMITED

**SIMON TAYLOR**  
MANAGING DIRECTOR  
M: + 61 409 367 460  
E: [staylor@okloresources.com](mailto:staylor@okloresources.com)

**AUSTRALIAN OFFICE**  
Level 5, 56 Pitt St  
Sydney NSW 2000  
T: + 61 2 8319 9233

**MALI OFFICE**  
Operating as Africa Mining Sarl  
Rue 841, Porte 57,  
BP 366 Faladje Sema Bamako

[okloresources.com](http://okloresources.com)