



OKLO ASX:OKU
RESOURCES LIMITED

EXPLORING AMONG THE GOLDEN GIANTS

PRECIOUS METALS SUMMIT PRESENTATION - SEPTEMBER 2017

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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.

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:

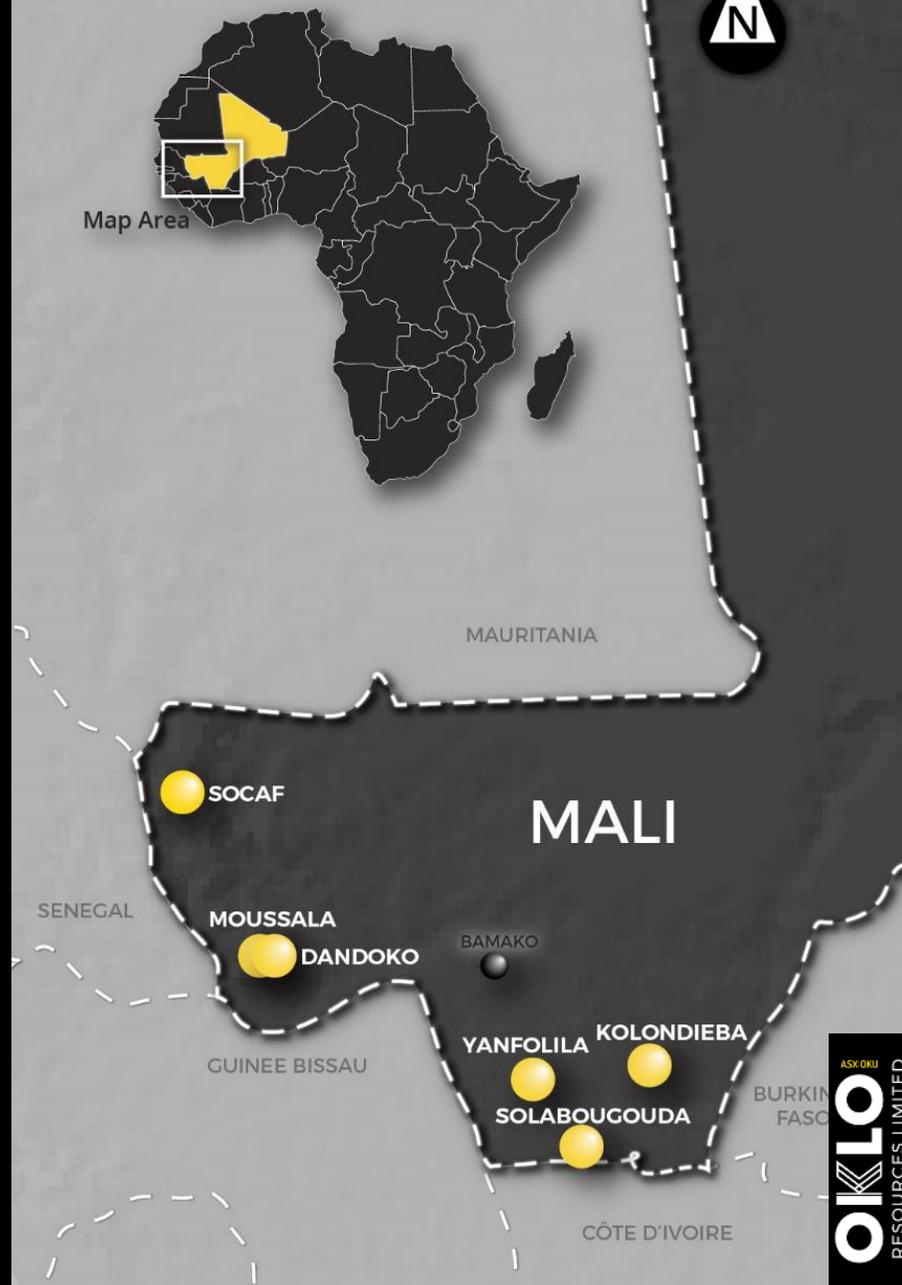
29m at 10.42g/t gold	6m at 53.77g/t gold
3m at 110.3g/t gold	28m at 3.90g/t gold
21m at 5.67g/t gold	13m at 4.69g/t gold

FINANCED FOR SIGNIFICANT NEWS FLOW Approx. \$13M 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.

MALI GOLD PROJECTS



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 **~A\$62.5M**
MARKET CAP AT **ENTERPRISE**
A\$0.25/SHARE **VALUE**

~A\$13.0M **301.9M**
CASH BALANCE **SHARES ON**
(SEPTEMBER 2017) **ISSUE**

Unlisted Options 23.3M
 average exercise A\$0.21

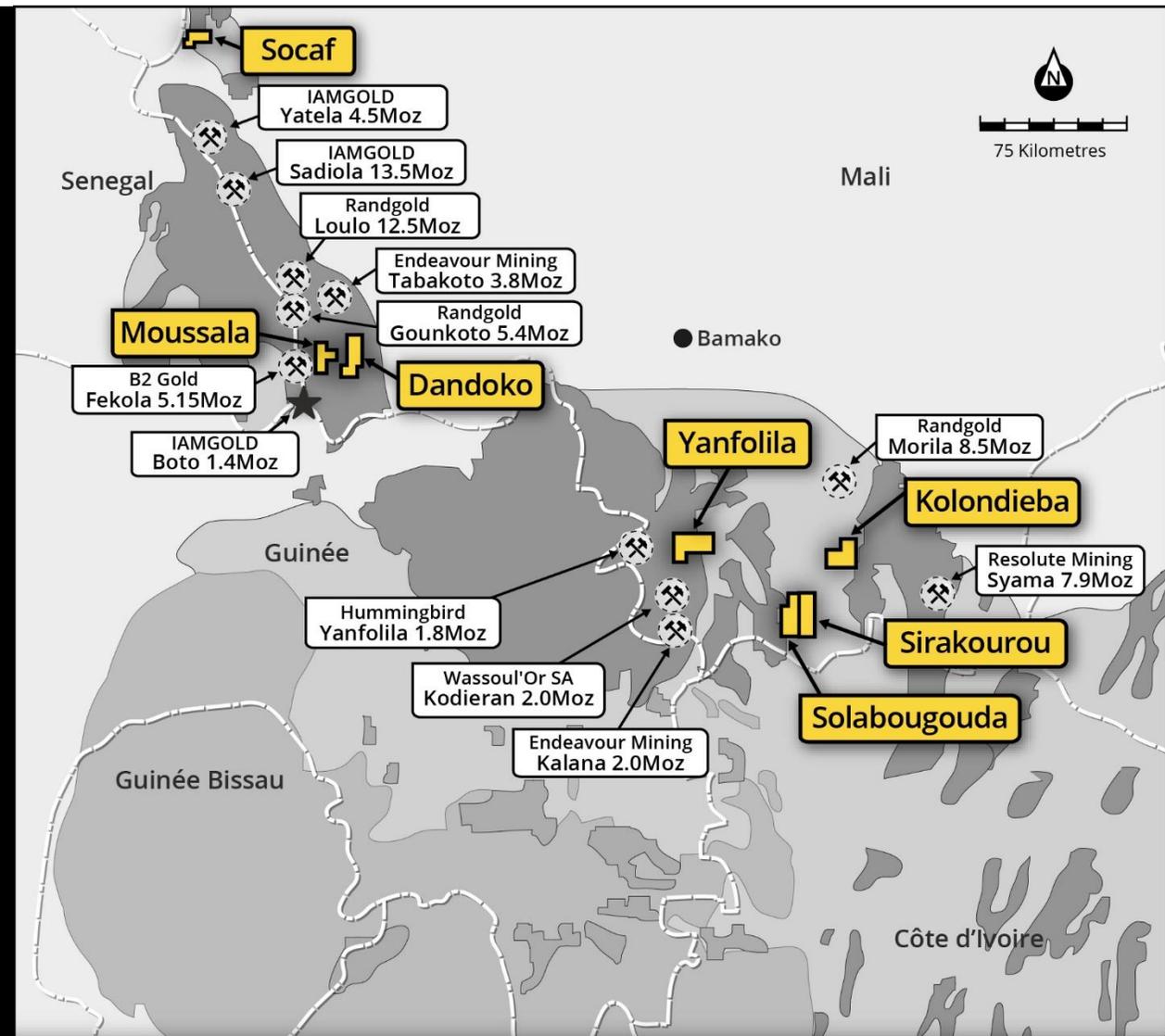
MAJOR SHAREHOLDERS

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 1,300km² PROSPECTIVE LAND POSITIONS IN MAJOR GOLD REGION

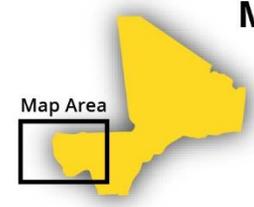
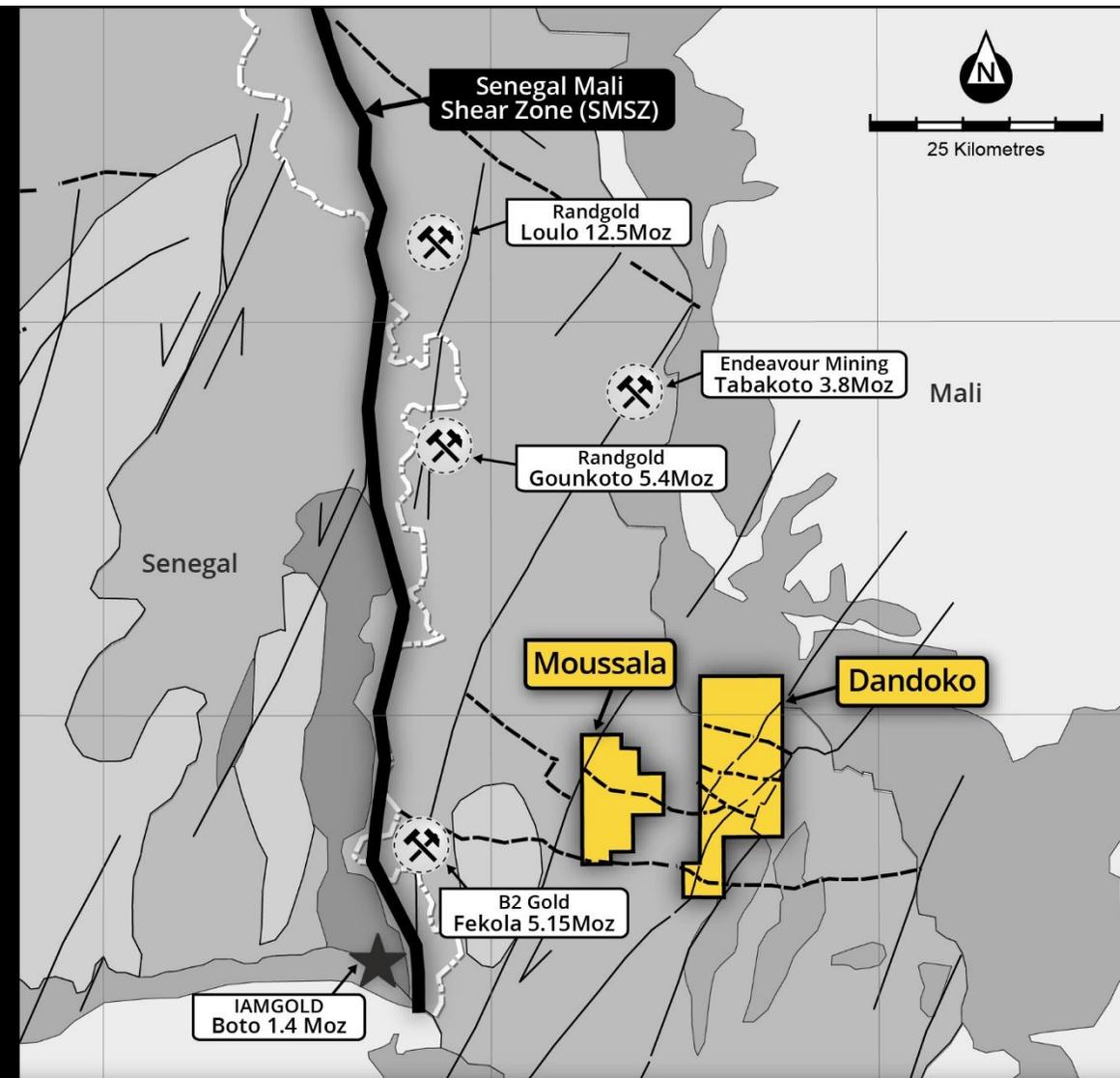


MALI GOLD PROJECTS

- 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



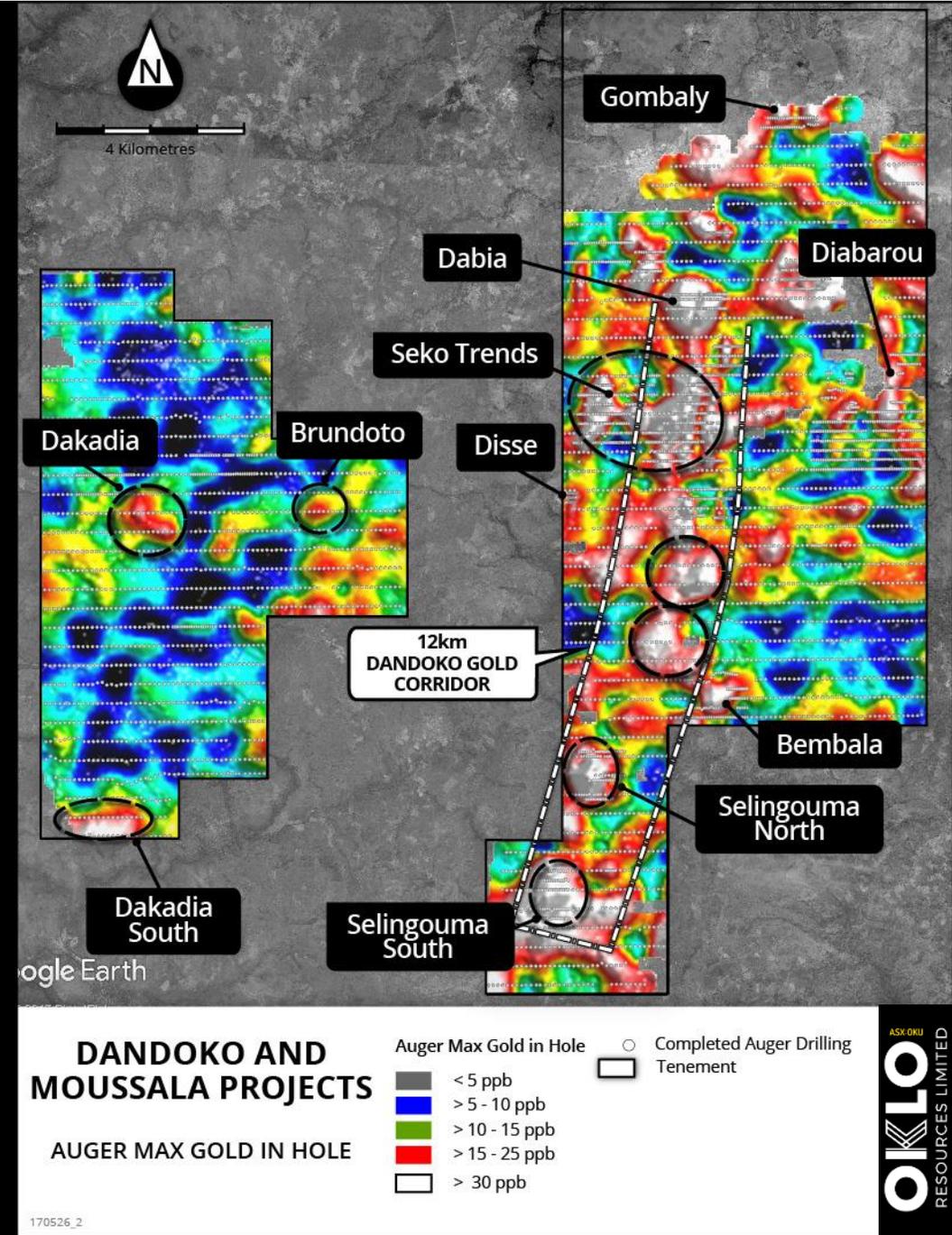
MALI GOLD PROJECTS

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

UNDEREXPLORED GOLD PROJECTS WITH OUTSTANDING RESULTS TO DATE

DANDOKO AND MOUSSALA

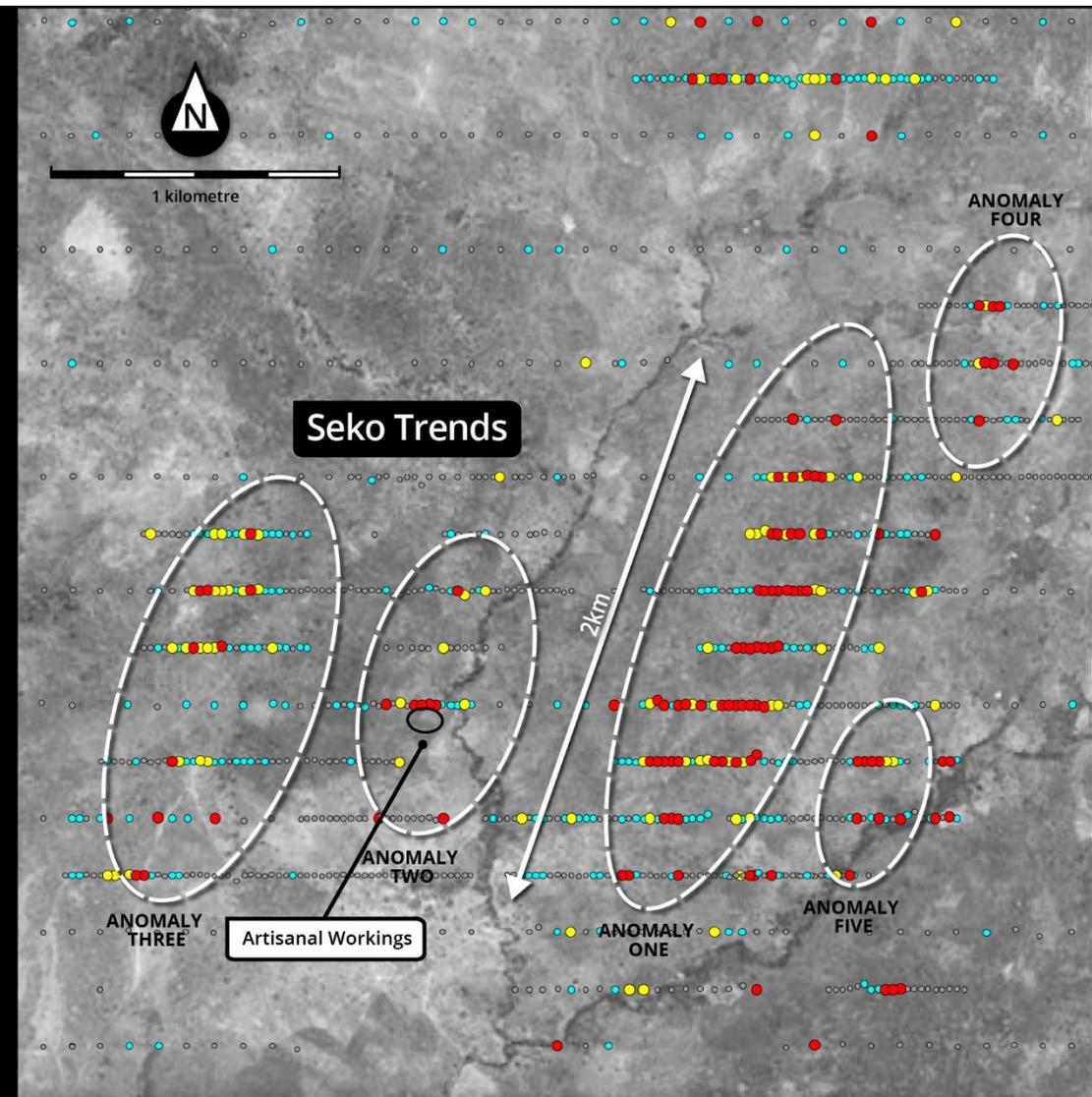
- ▶ 74,100m of auger drilling completed since Oct 2016 – average hole depth 12m.
- ▶ Results delineated:
 - ▶ 12km long Dandoko gold corridor
 - ▶ Including **Seko** discovery
 - ▶ Numerous trends at **Moussala** and results up to **5.8g/t gold**.



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	● 75.0 - 150.0
● 25.0-75.0	● >150.0

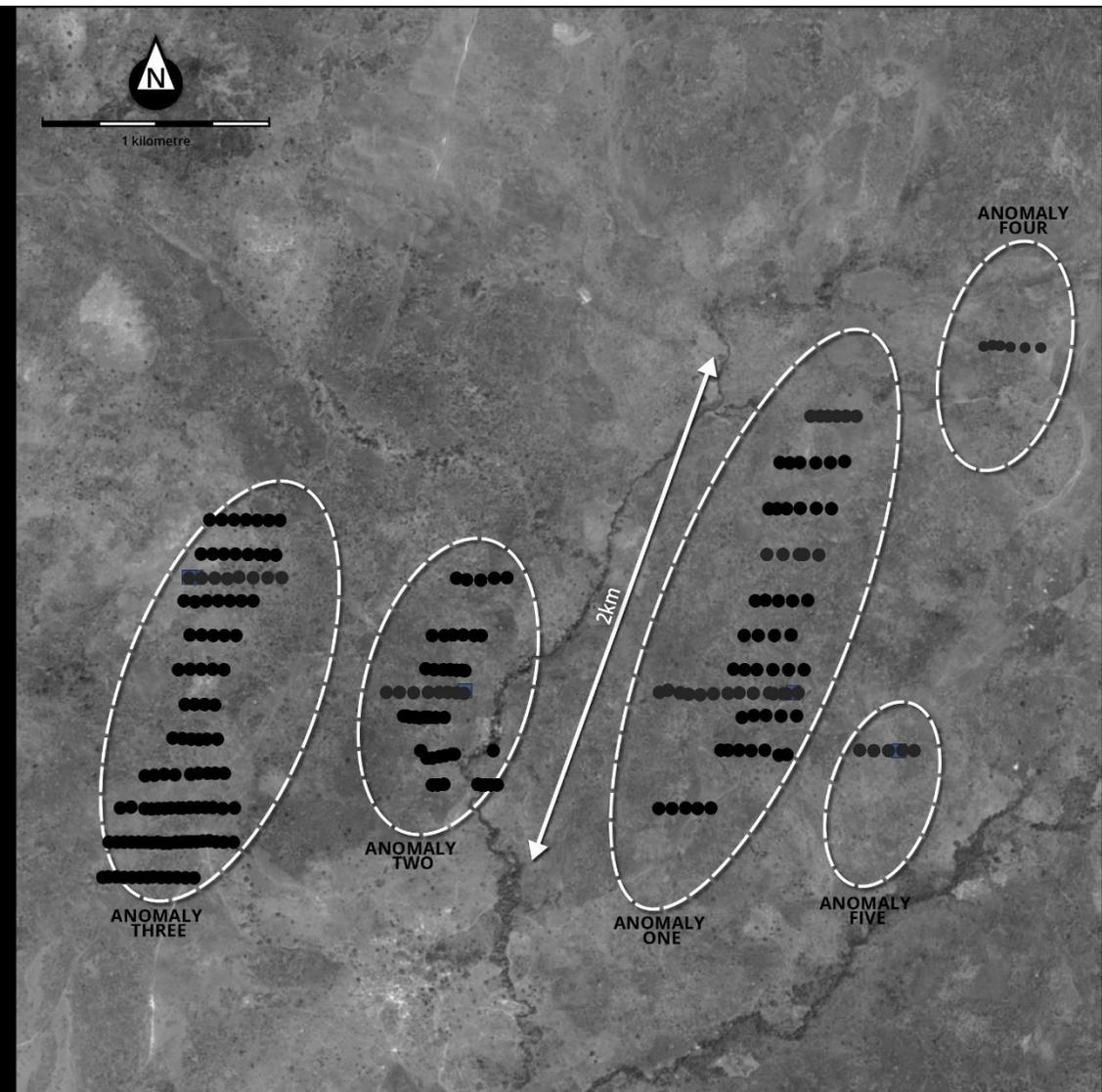
○ Auger gold trend

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

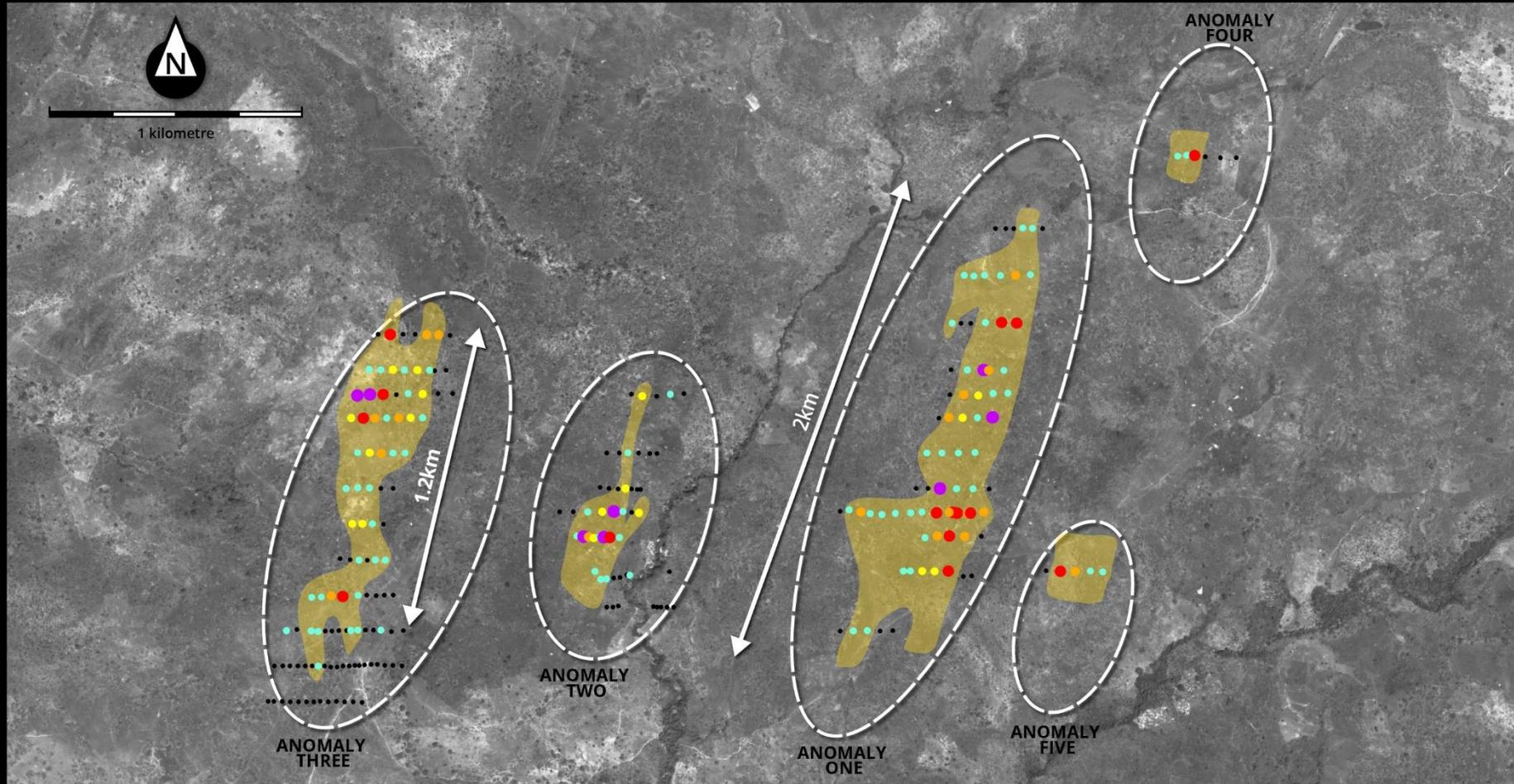
* Hole ended in mineralisation



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

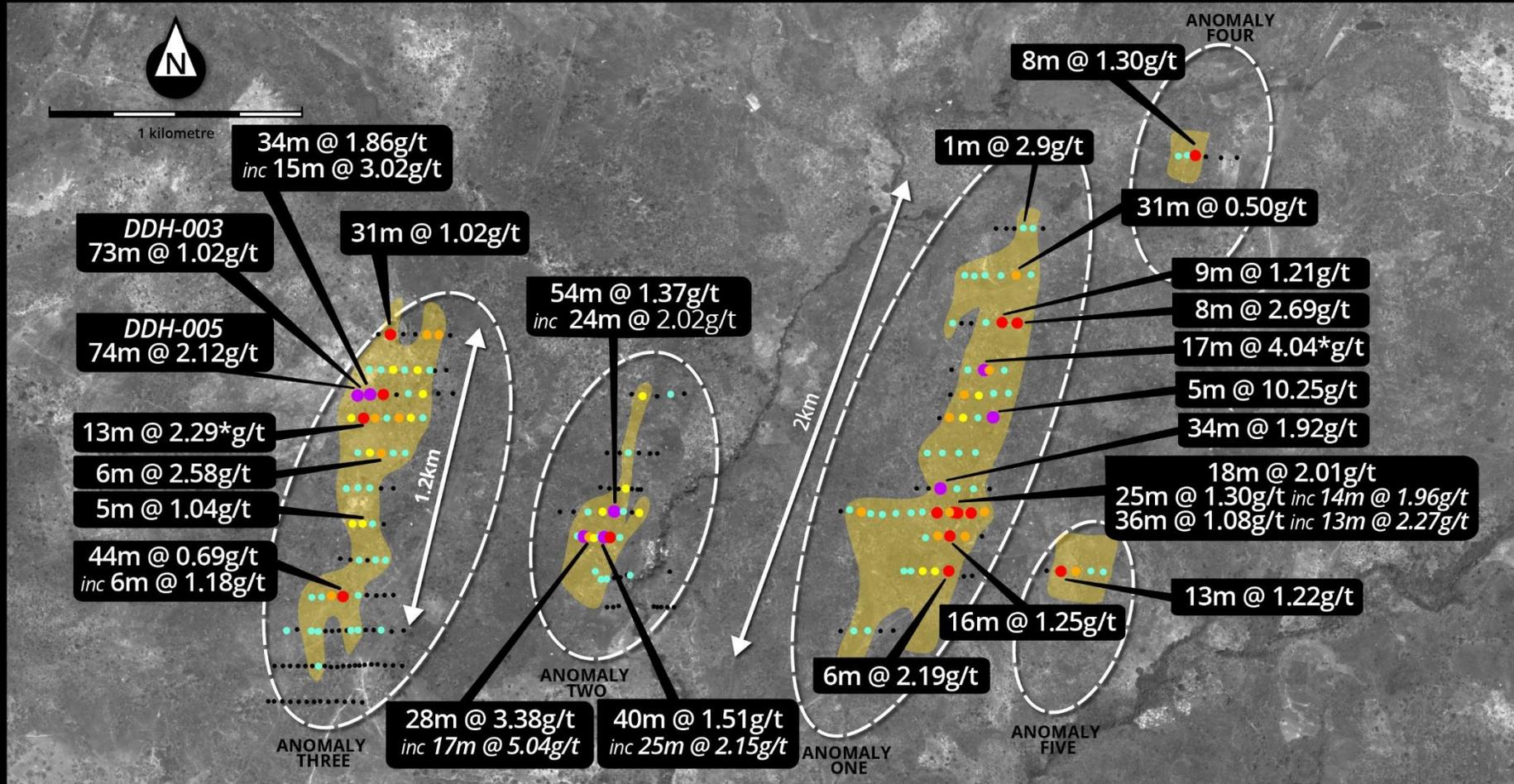
Total Grade Thickness = g/t x m

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

- Auger gold trend
- Air core gold trend
- * Hole finished in mineralisation

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 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

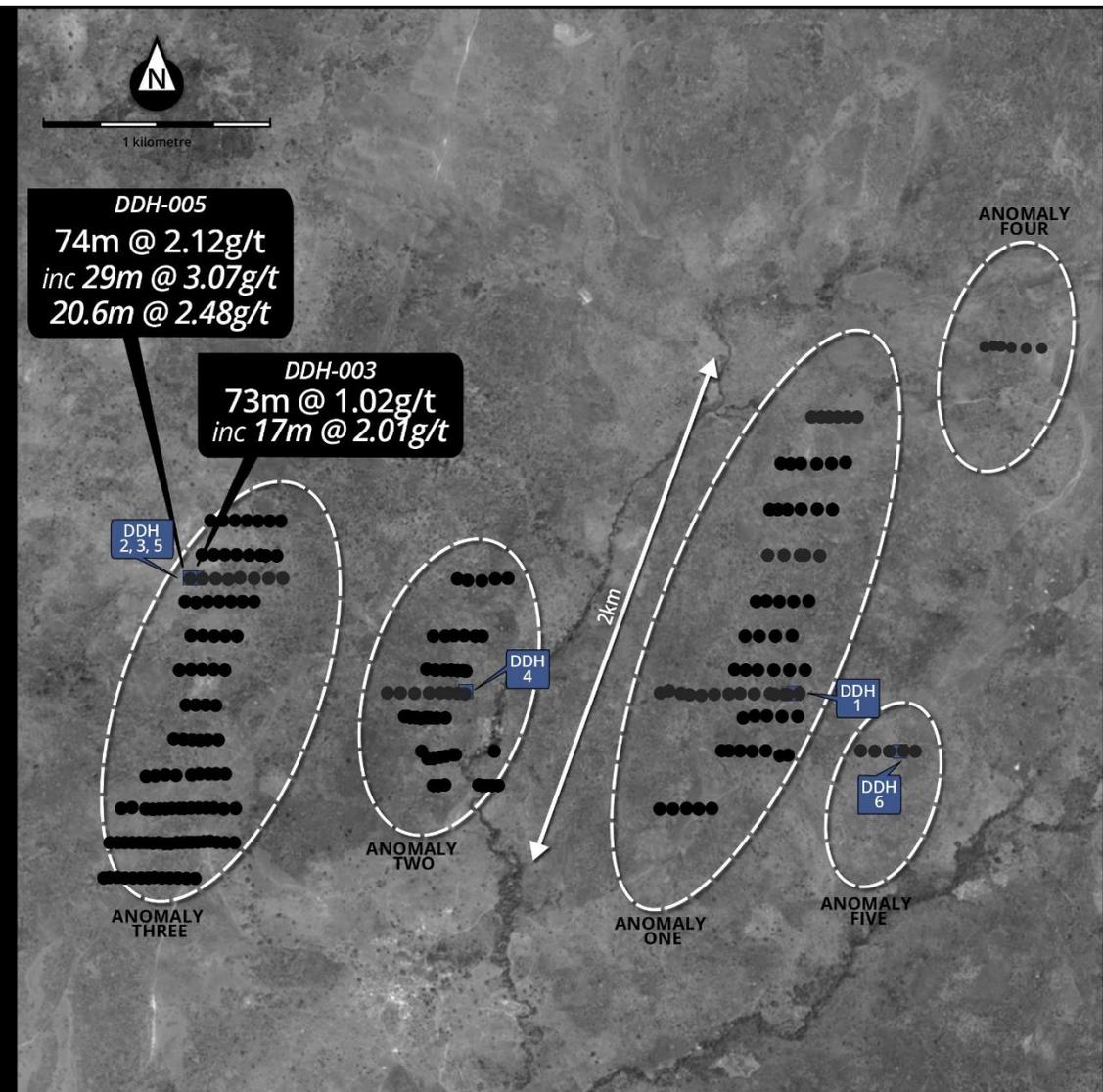
○ Auger gold trend
 ● Air core gold trend
 * Hole finished in mineralisation
 Xm @ Xg/t Previous results (g/t Au)

Totalled 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 totalled 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

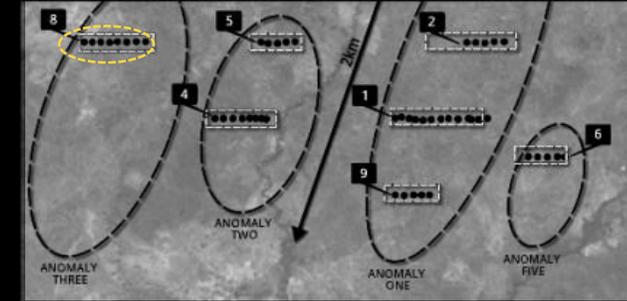
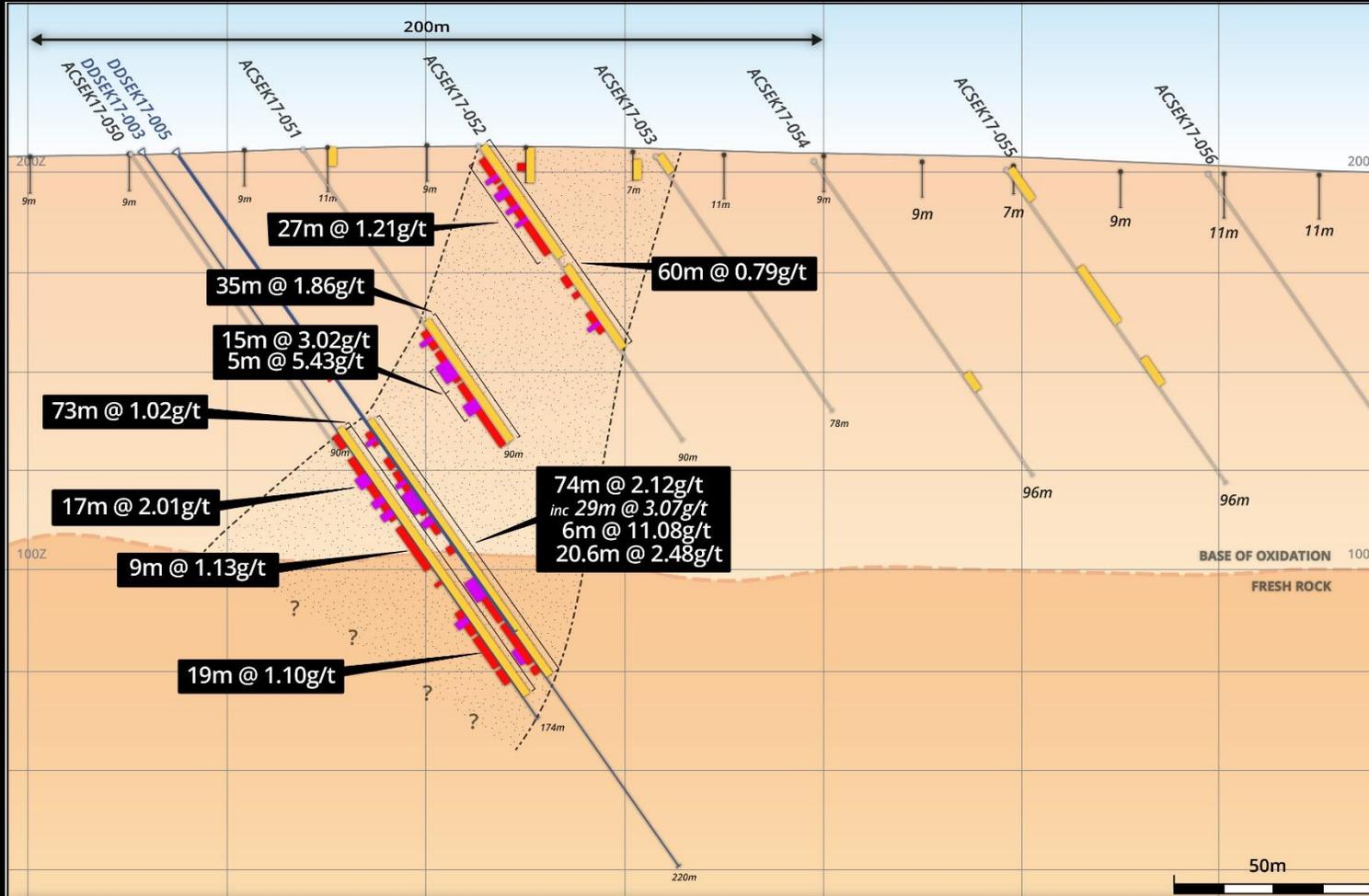


DANDOKO PROJECT SEKO PROSPECT

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SEKO DISCOVERY

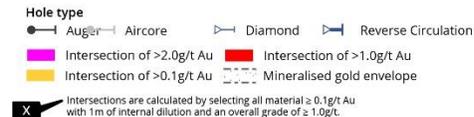
CROSS SECTION LINE 8 - 1396800N



DANDOKO PROJECT SEKO CROSS SECTION

ANOMALY THREE
LINE 8 - 1396800

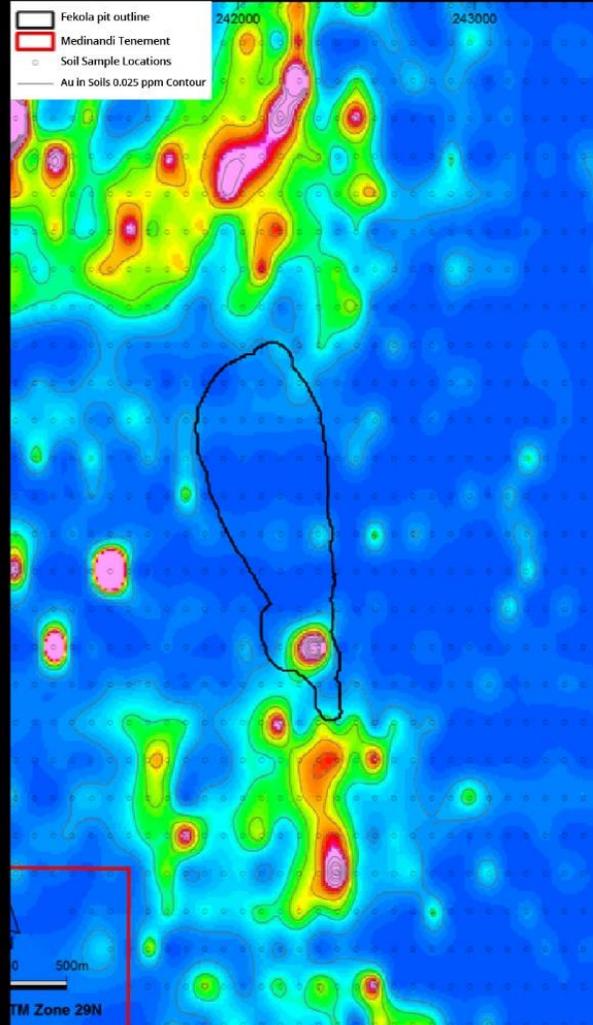
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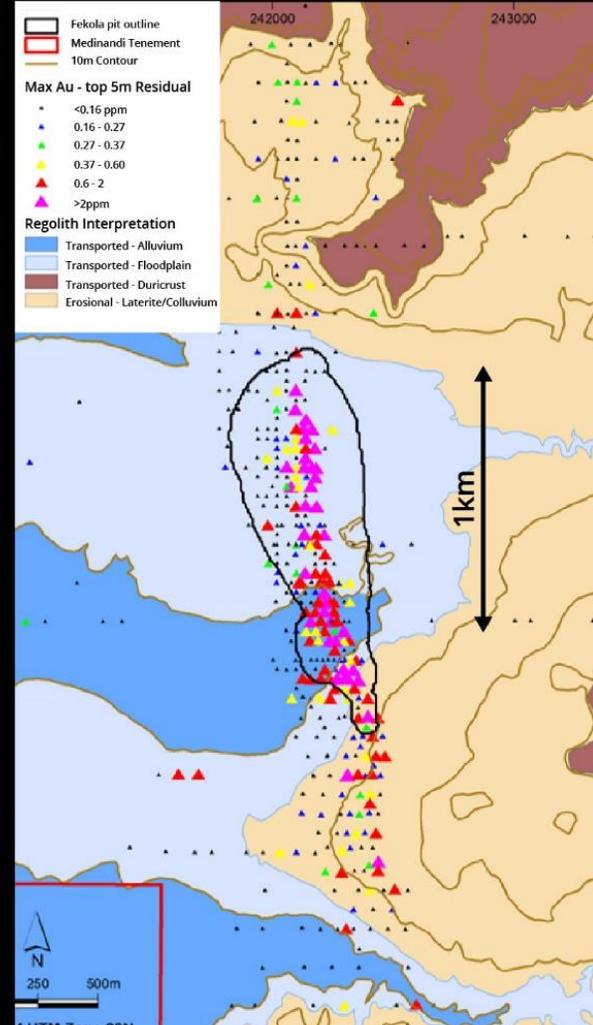
SOILS v AUGER

FEKOLA v SEKO

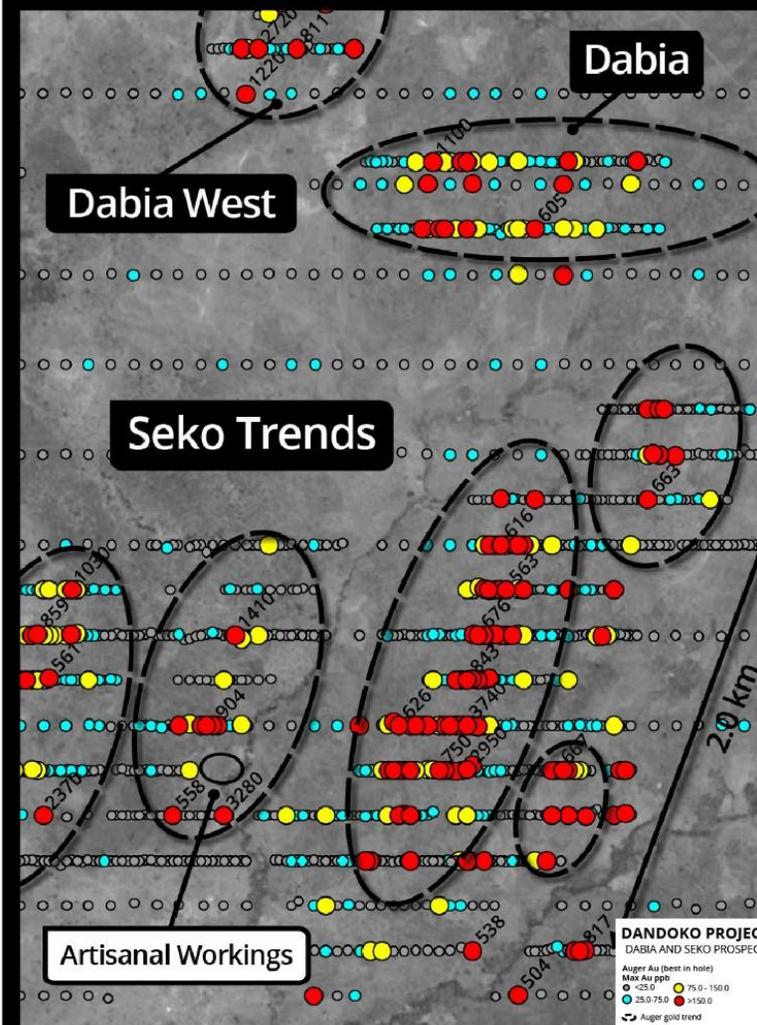
FEKOLA – Soils



FEKOLA – Top of saprock from drilling



SEKO - Auger

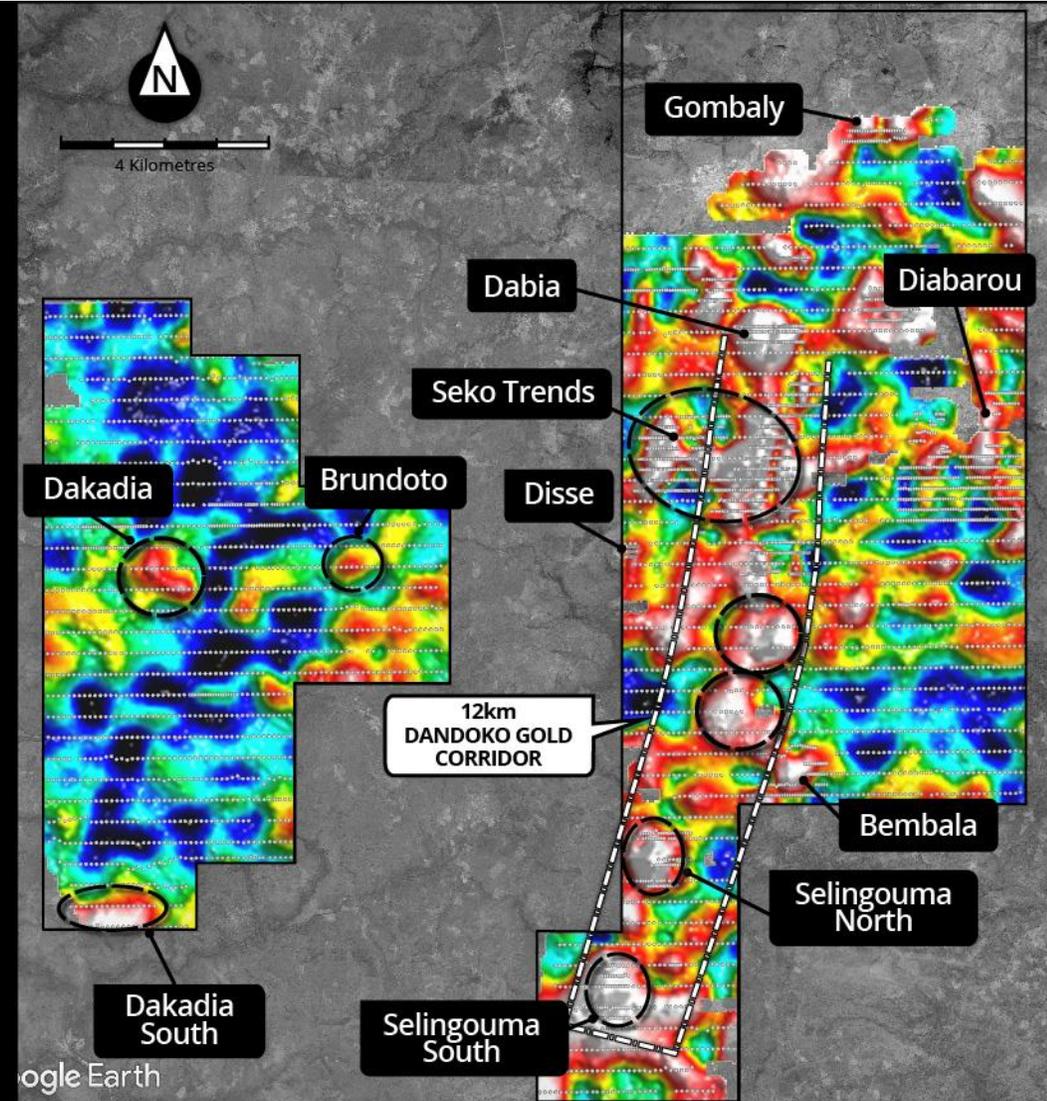


Source: The Fekola Gold Deposit: A new multi-million ounce gold discovery in the Kenieba District of Western Mali. Authors: Andrew Boyd, Richard Dahl and Simon Dorling.

ADDITIONAL OUTSTANDING RESULTS

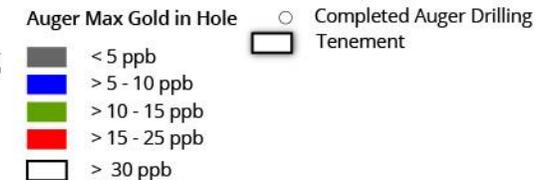
DANDOKO

- ▶ **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



170526_2

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



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 km² 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.





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