



OKLO ASX:OKU
RESOURCES LIMITED

EXPLORING AMONG THE GOLDEN GIANTS

INVESTOR PRESENTATION MAY 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 NEW SEKO DISCOVERY

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

- ▶ **SEKO** - Five strong coherent auger gold trends up to 2.0km long, with a combined strike length of >7km. First pass AC drilling has returned:

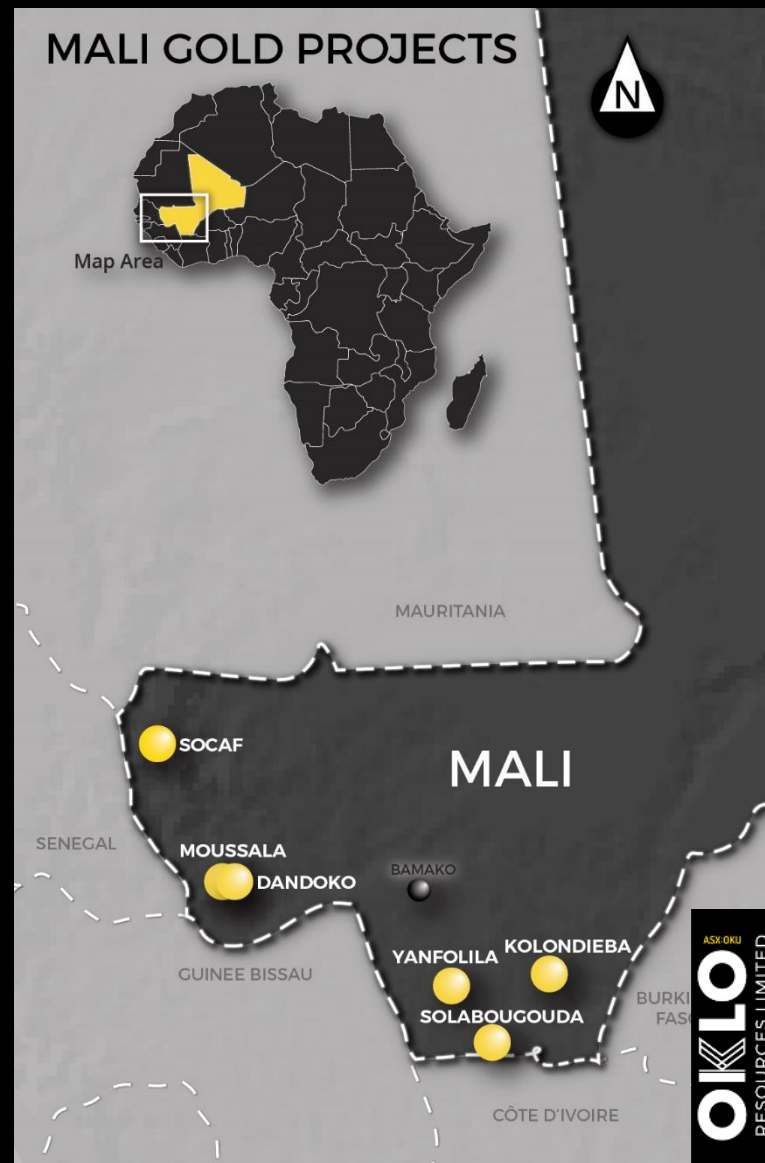
15m at 3.02g/t gold	13m at 2.27g/t gold
54m at 1.37g/t gold	24m at 2.02g/t gold
18m at 2.01g/t gold	35m at 1.86g/t gold

- ▶ **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. \$13.0M in cash to support aggressive drilling program.

DRILLING PROGRAM UNDERWAY 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

278.5M SHARES ON ISSUE	A\$61.3M MARKET CAP AT A\$0.22/SHARE
~A\$13.0M CASH BALANCE (APRIL 2017)	~A\$48.3M ENTERPRISE VALUE
Listed Options - June 17 exercise A\$0.125 – (\$2.91M cash)	23.3M
Unlisted Options average exercise A\$0.21	24.0M

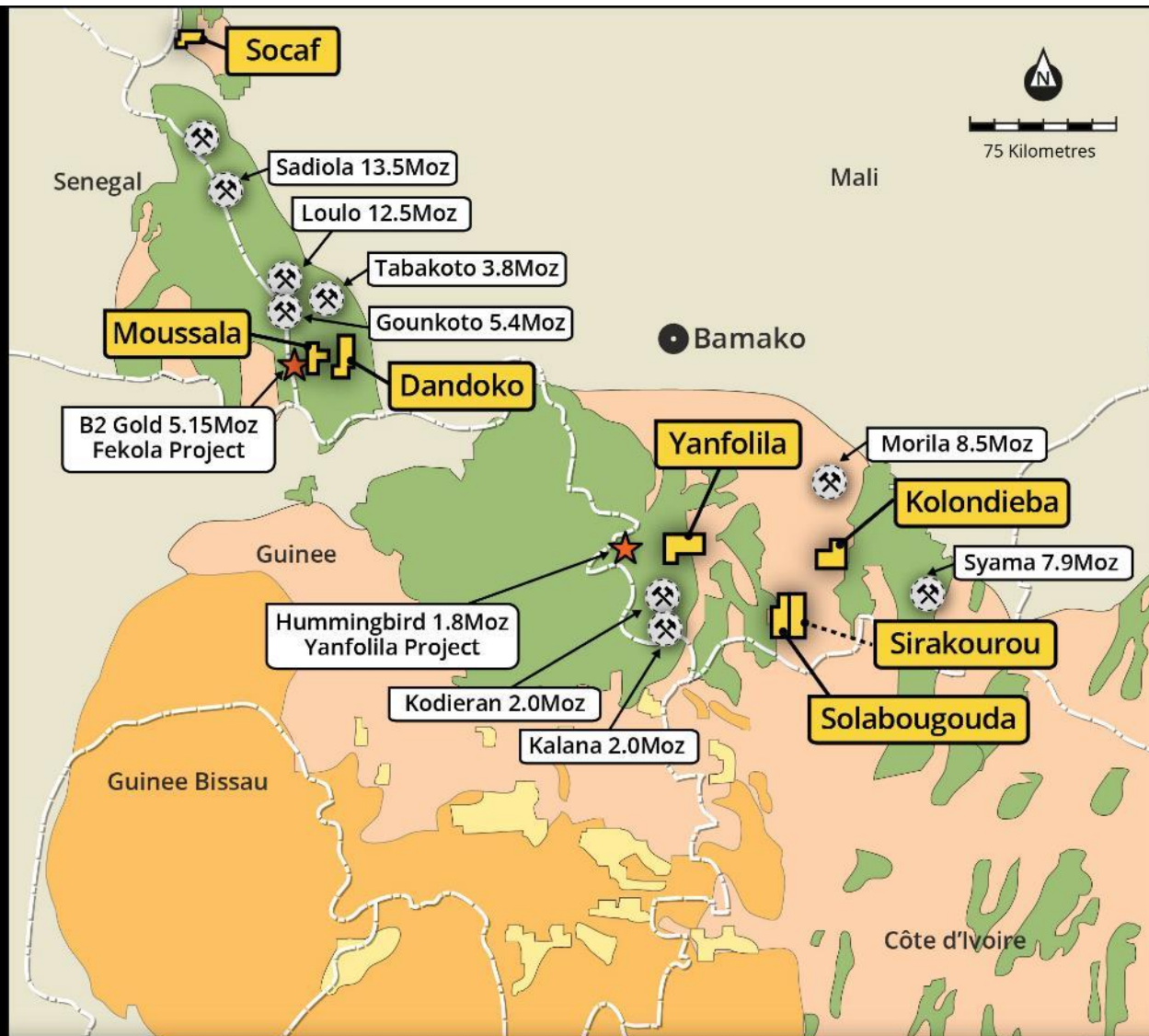
MAJOR SHAREHOLDERS

BlackRock Group	14.89%
1832 Asset Management	8.08%
Directors and Management	5.92%
Resolute Mining Ltd	5.61%
Ack Pty Ltd	5.43%

67% TOP 20
SHAREHOLDERS

MALI'S GOLDEN TRIANGLE

LARGE 1,300km² PROSPECTIVE LAND POSITIONS IN MAJOR GOLD REGION

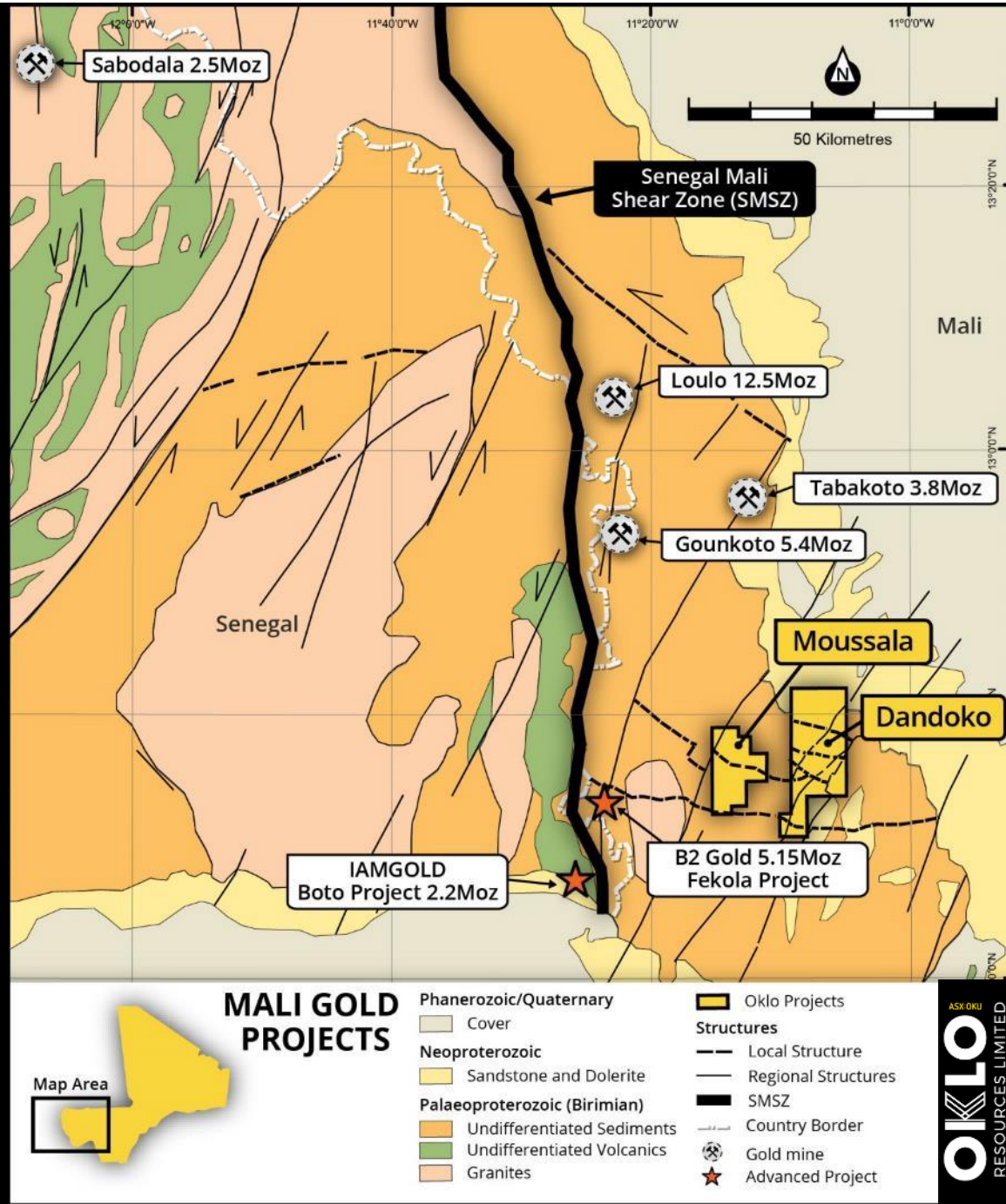


MALI GOLD PROJECTS

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

MULTI-MILLION OUNCE REGION

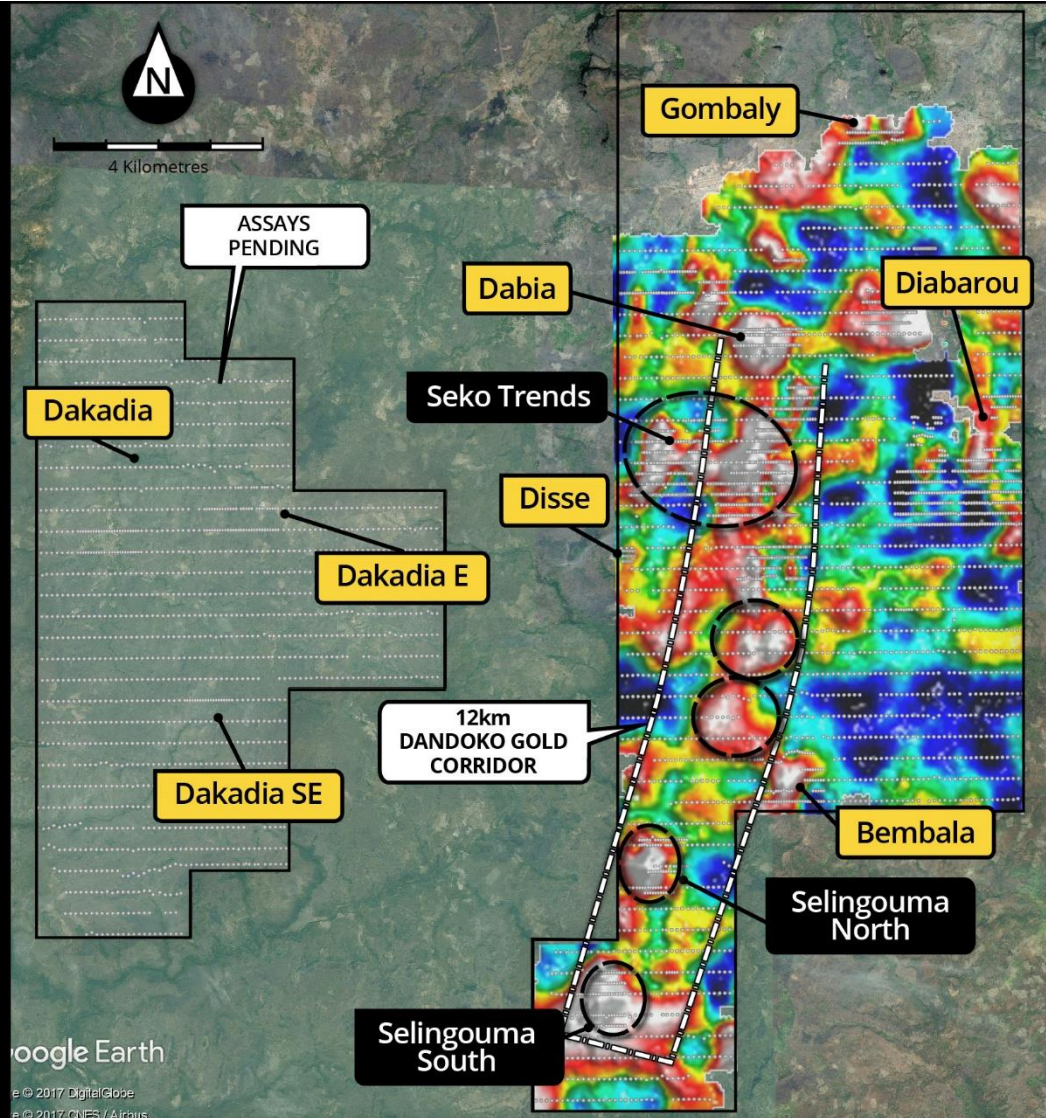
DANDOKO AND MOUSSALA PROJECTS



UNDEREXPLORED GOLD PROJECTS WITH OUTSTANDING RESULTS TO DATE

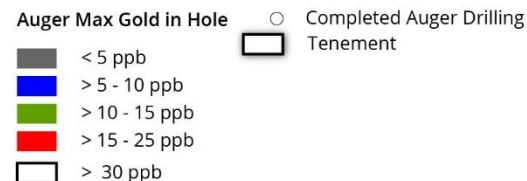
DANDOKO AND MOUSSALA

- ▶ 78,300m of shallow auger drilling completed – average hole depth 11m.
- ▶ Results have delineated a **12km long NNE gold trend** including:
 - ▶ Dabia
 - ▶ Seko
 - ▶ Selingouma
 - ▶ Other trends
- ▶ Aggressive exploration programs of drilling and geophysics ongoing.



DANDOKO AND MOUSSALA PROJECTS

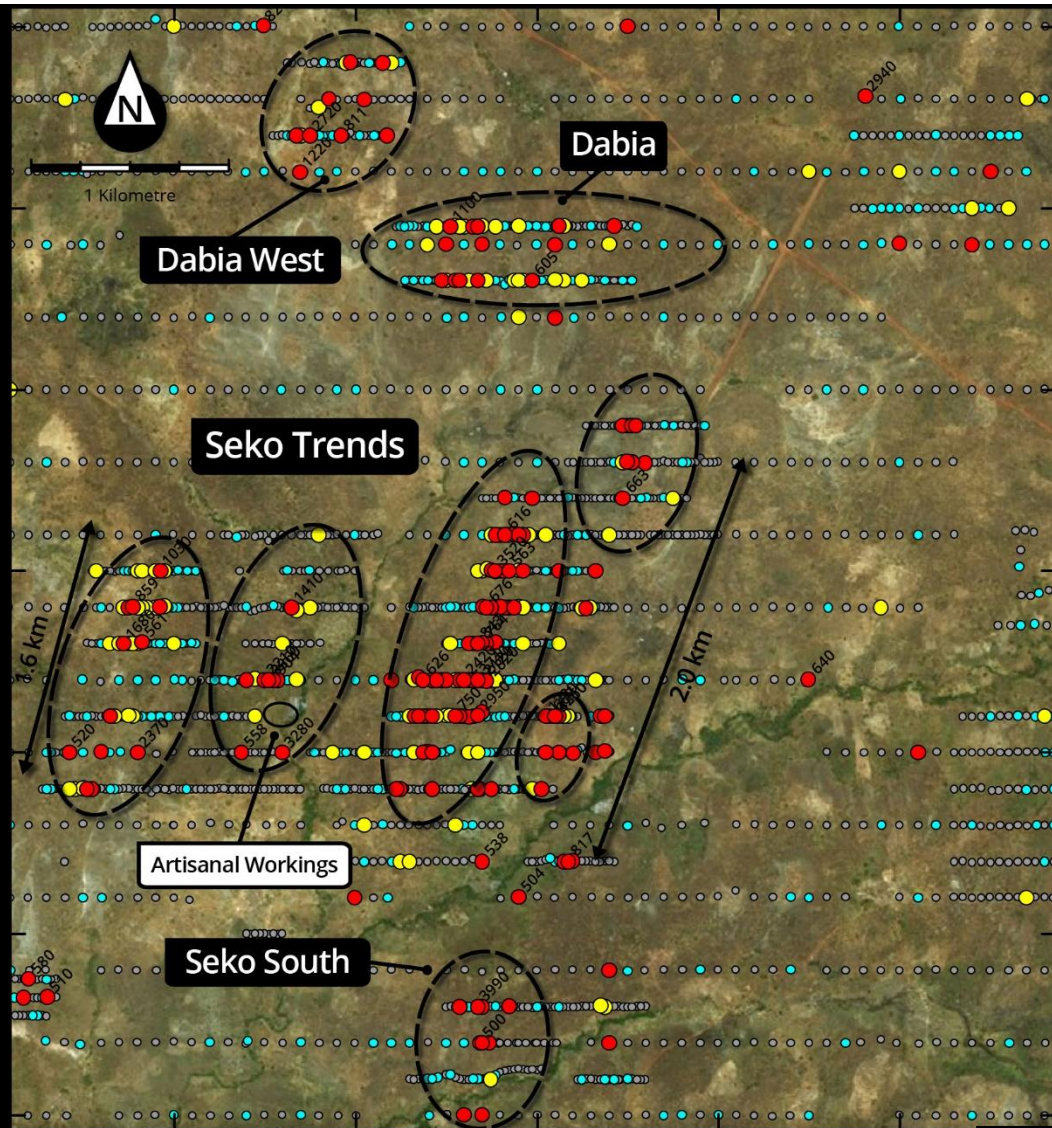
AUGER MAX GOLD IN HOLE



SEKO AND DABIA DISCOVERY

NEW LARGE SIGNIFICANT GOLD TRENDS

- ▶ Multiple strong coherent gold trends.
- ▶ Large footprint.
- ▶ Extensive drill targets.
- ▶ No previous drilling.



DANDOKO PROJECT DABIA AND SEKO PROSPECT

Auger Au (best in hole)
Max Au ppb

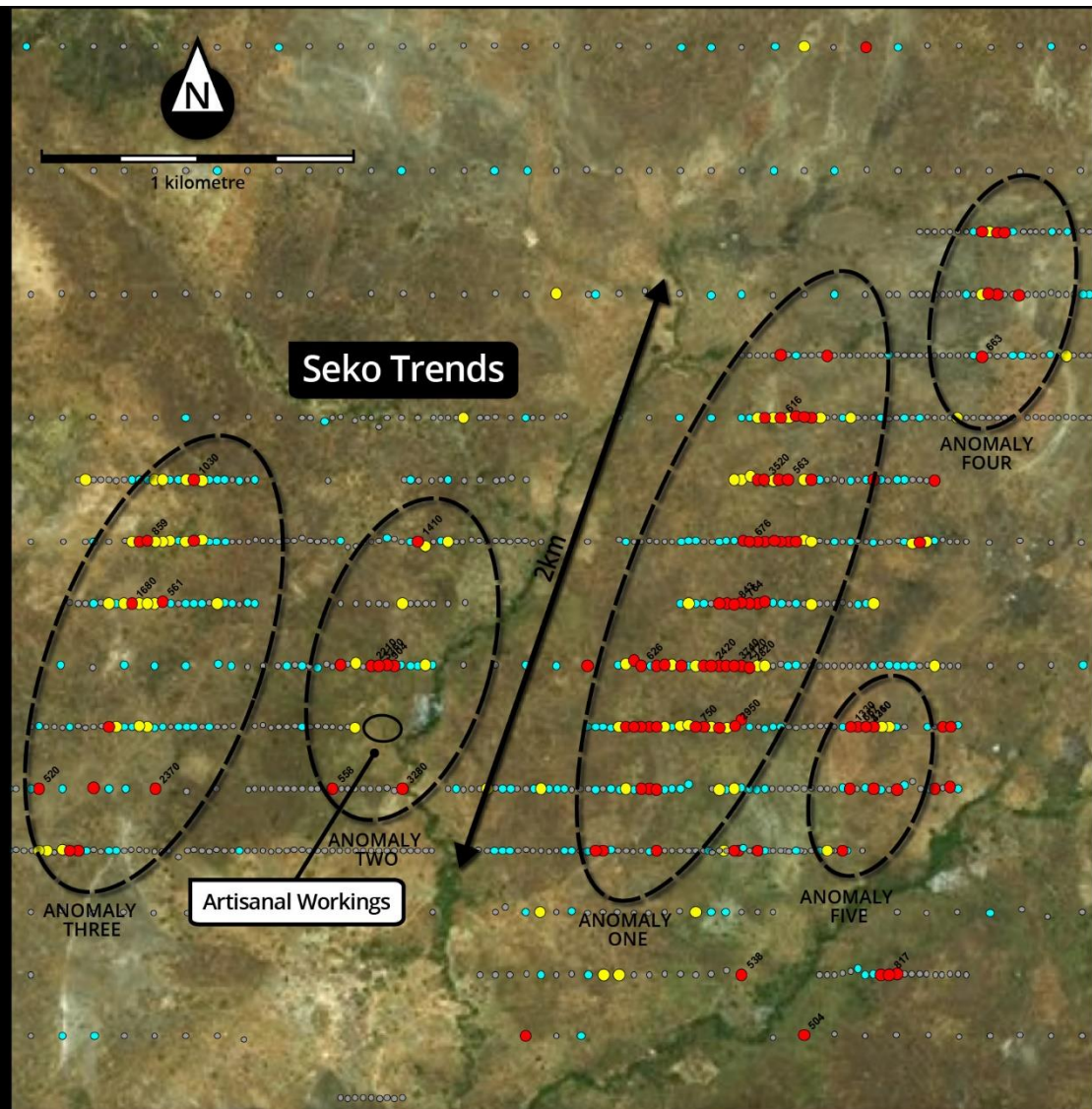
● <25.0	● 75.0 - 150.0
● 25.0-75.0	● >150.0

○ Auger gold trend

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.
- ▶ Initial shallow auger included:
 - ▶ 21m at 1.59g/t gold from surface.
 - ▶ 9m at 2.40g/t gold from surface.
 - ▶ 5m at 3.88g/t gold from 8m.



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

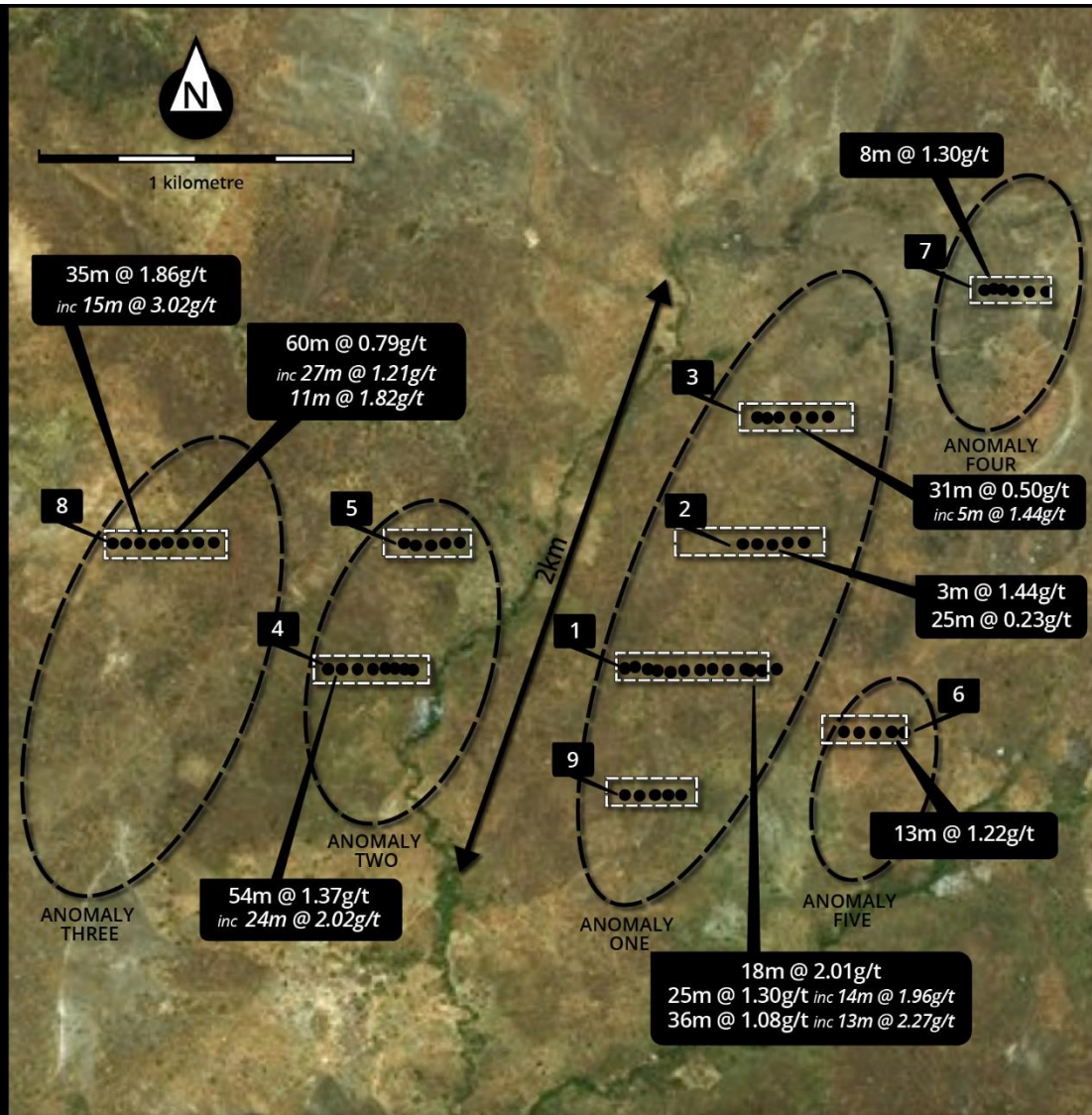
○ Auger gold trend

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SEKO DISCOVERY

FIRST PASS AIRCORE DRILLING COMPLETED

- ▶ 5,250m AC drilling completed on 9 traverses 400m apart.
- ▶ Significant gold confirmed in all 5 Seko anomalies including:
 - ▶ 54m at 1.37g/t gold from 0m inc 24m at 2.02g/t gold from 12m
 - ▶ 35m at 1.86g/t gold from 55m inc 15m at 3.02g/t gold from 64m
 - ▶ 13m at 2.27g/t gold from 23m
 - ▶ 18m at 2.01g/t gold from 55m
- ▶ Potential for large open pit oxide gold system.



DANDOKO PROJECT SEKO PROSPECT

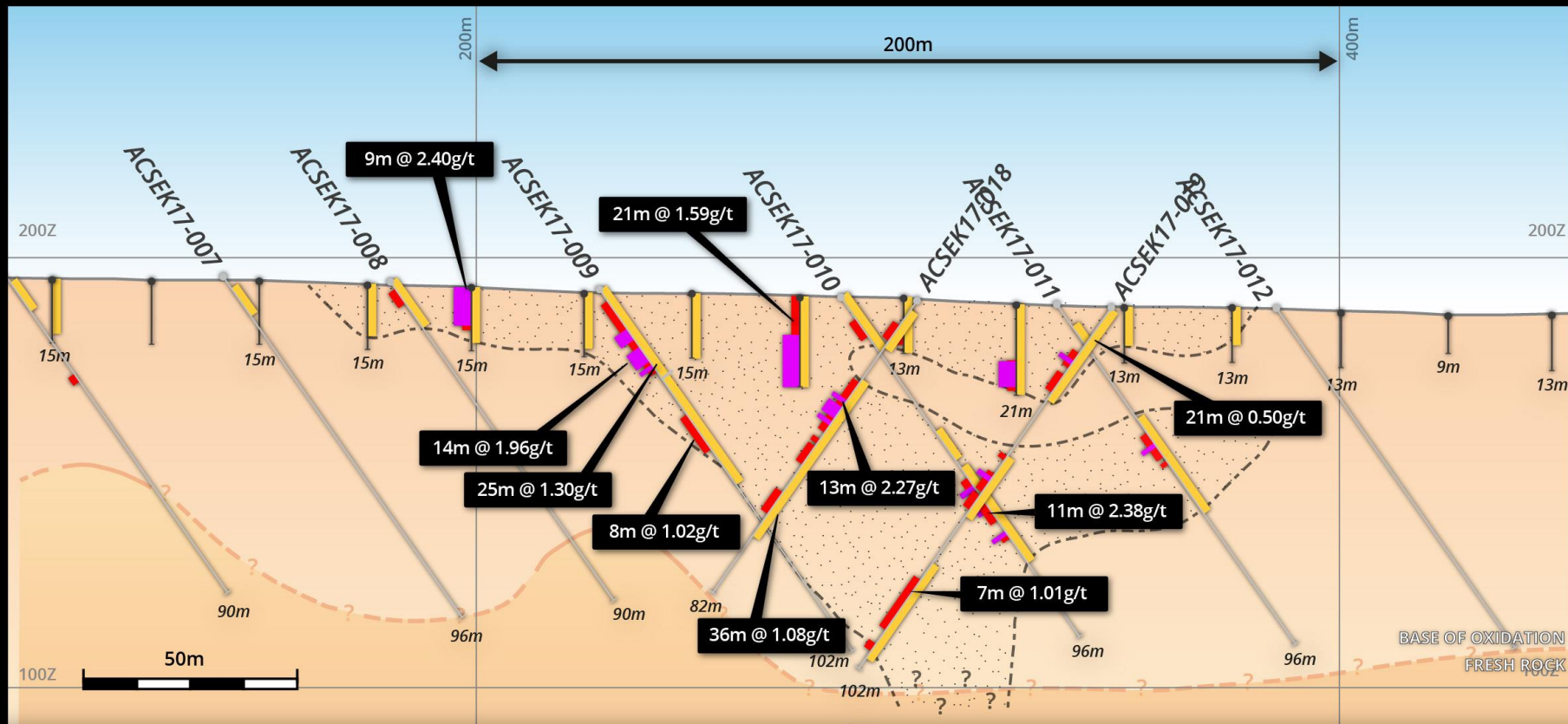
Xm @ Xg/t Summary of first pass AC results (g/t Au)

○ Gold auger trend

X Aircore drill traverse

SEKO DISCOVERY AC RESULTS

CROSS SECTION LINE 1 - 1396400N

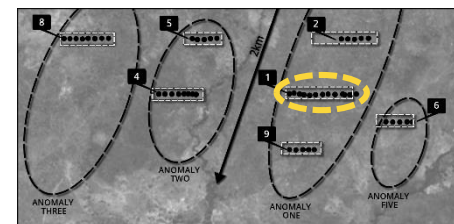


DANDOKO PROJECT SEKO CROSS SECTION

LINE 1 - 1396400

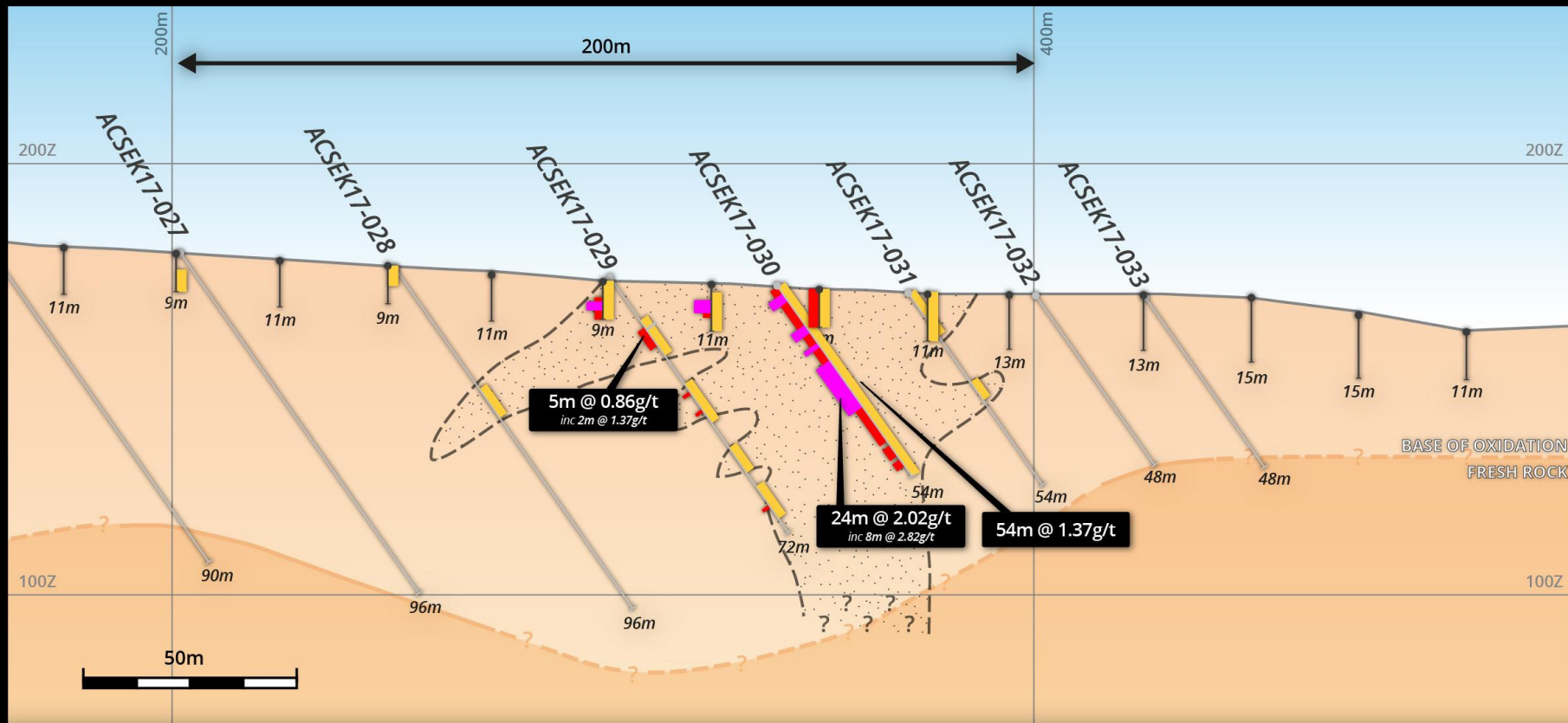
- Auger holes
- Aircore holes
- Intersection of >2.0g/t Au
- Intersection of >1.0g/t Au
- Intersection of >0.1g/t Au
- Mineralised gold envelope

X High grade intersections are calculated by selecting all material $\geq 0.5g/t$ Au with 1m of internal dilution and a grade of $\geq 1.0g/t$. Low grade intersections are calculated by selecting all material $\geq 0.1g/t$ Au with 3m of internal dilution and a grade of $\geq 0.1g/t$.



SEKO DISCOVERY AC RESULTS

CROSS SECTION LINE 4 – 1396400N

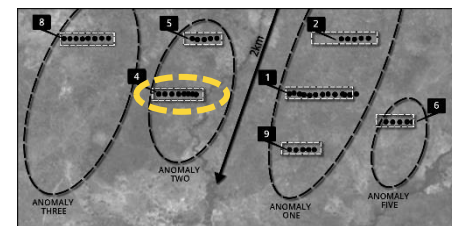


DANDOKO PROJECT SEKO CROSS SECTION

LINE 4 - 1396400

- Auger holes ● Aircore holes
- █ Intersection of >2.0g/t Au █ Intersection of >1.0g/t Au
- █ Intersection of >0.1g/t Au █ Mineralised gold envelope

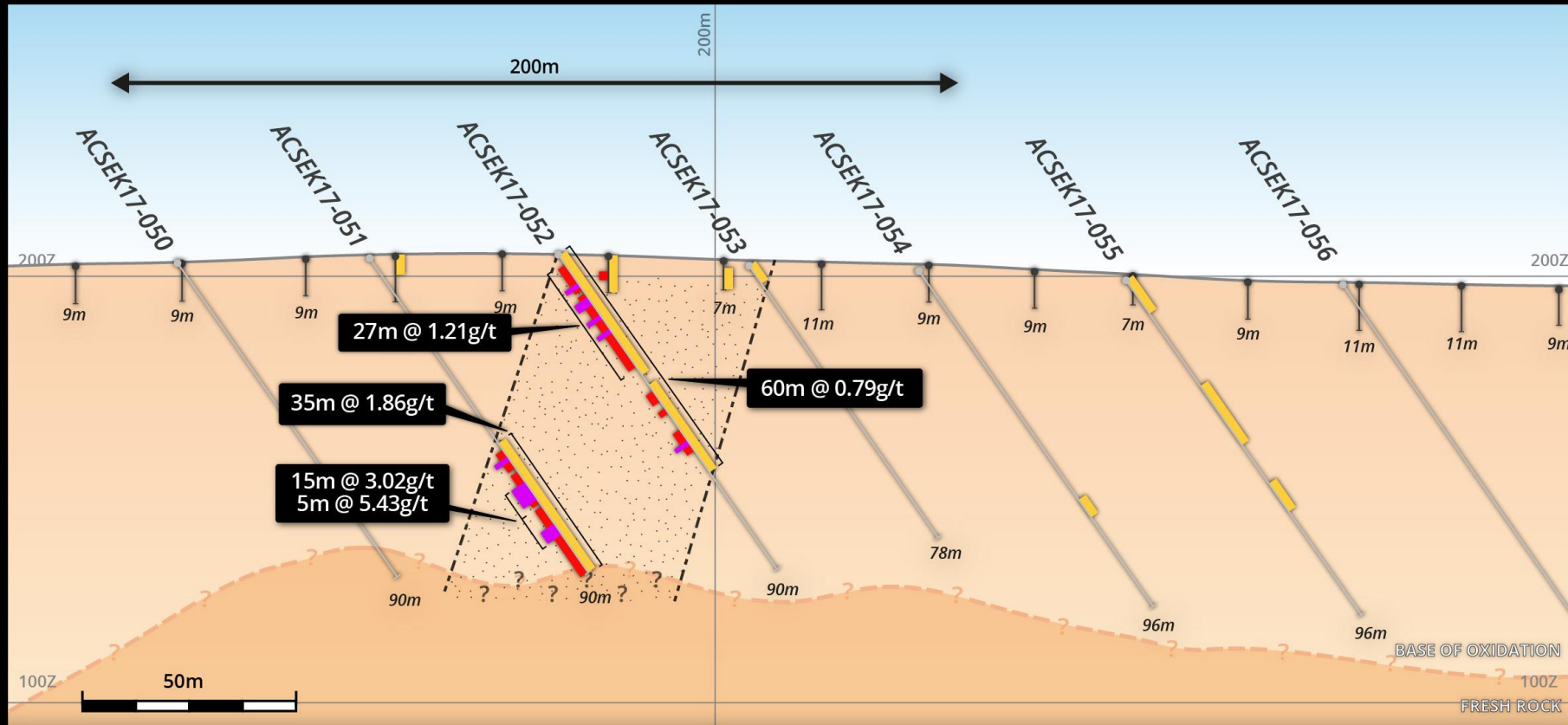
X High grade intersections are calculated by selecting all material $\geq 0.5\text{g/t Au}$ with 1m of internal dilution and a grade of $\geq 1.0\text{g/t}$. Low grade intersections are calculated by selecting all material $\geq 0.1\text{g/t Au}$ with 3m of internal dilution and a grade of $\geq 0.1\text{g/t}$.



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SEKO DISCOVERY AC RESULTS

CROSS SECTION LINE 8 - 1396800N

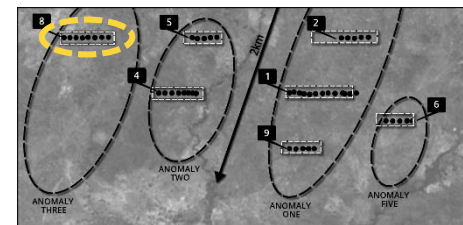


DANDOKO PROJECT SEKO CROSS SECTION

LINE 8 - 1396800

- Auger holes ● Aircore holes
- █ Intersection of >2.0g/t Au █ Intersection of >1.0g/t Au
- █ Intersection of >0.1g/t Au █ Mineralised gold envelope

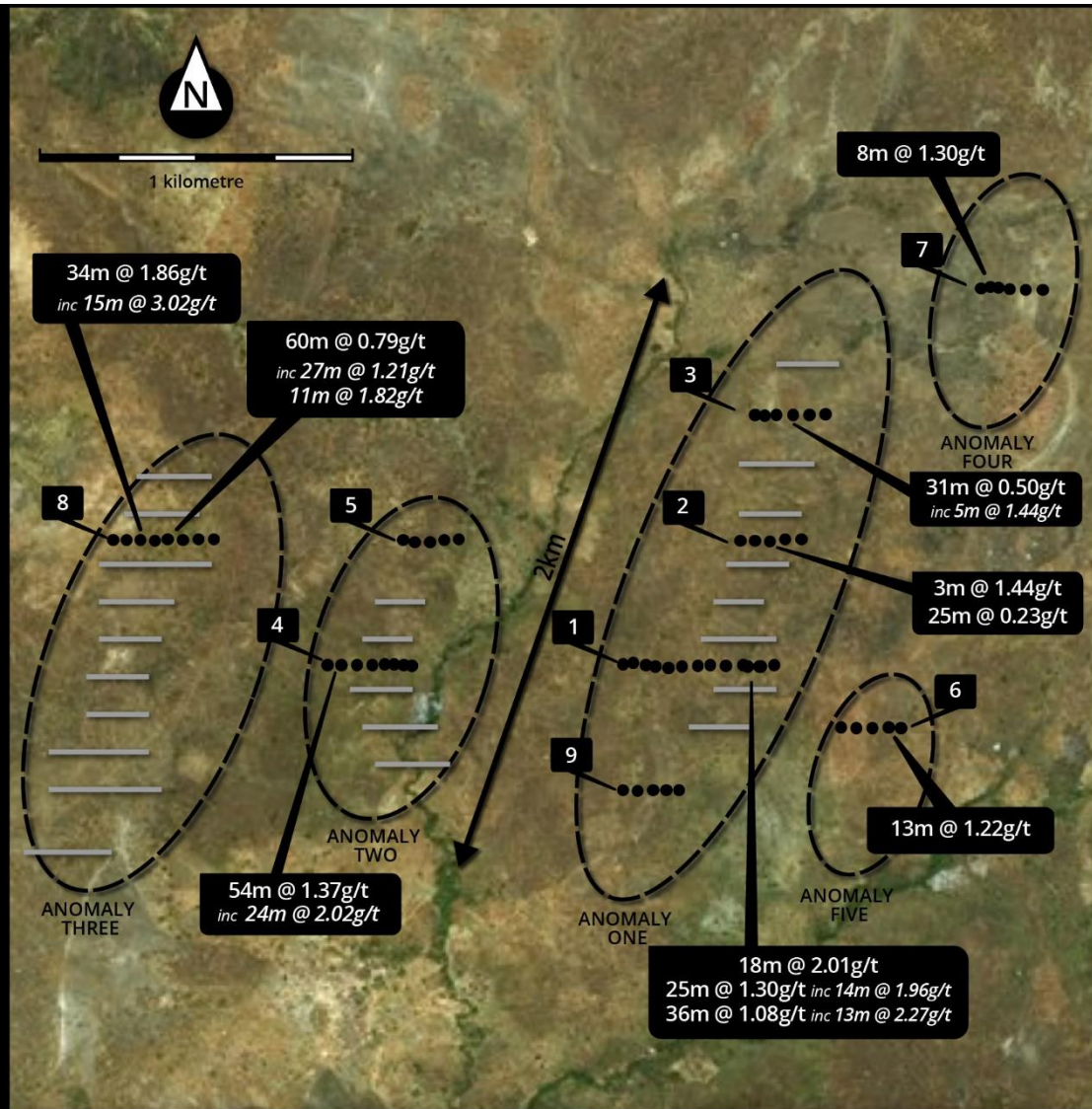
X High grade intersections are calculated by selecting all material $\geq 0.5\text{g/t Au}$ with 1m of internal dilution and a grade of $\geq 1.0\text{g/t}$. Low grade intersections are calculated by selecting all material $\geq 0.1\text{g/t Au}$ with 3m of internal dilution and a grade of $\geq 0.1\text{g/t}$.



SEKO DISCOVERY

FOLLOW-UP DRILLING PROGRAMS UNDERWAY

- ▶ 10,000m drilling program underway (AC & DD).
- ▶ AC the predominant drill method employed due to its cost effectiveness in the deep weathering profile.
- ▶ Drilling on nominal 120m spaced lines.
- ▶ DD ~ 600m to test for structure and stratigraphy.
- ▶ Deeper RC drilling is planned to follow the AC program to further evaluate the gold mineralisation in fresh rock.



DANDOKO PROJECT SEKO PROSPECT

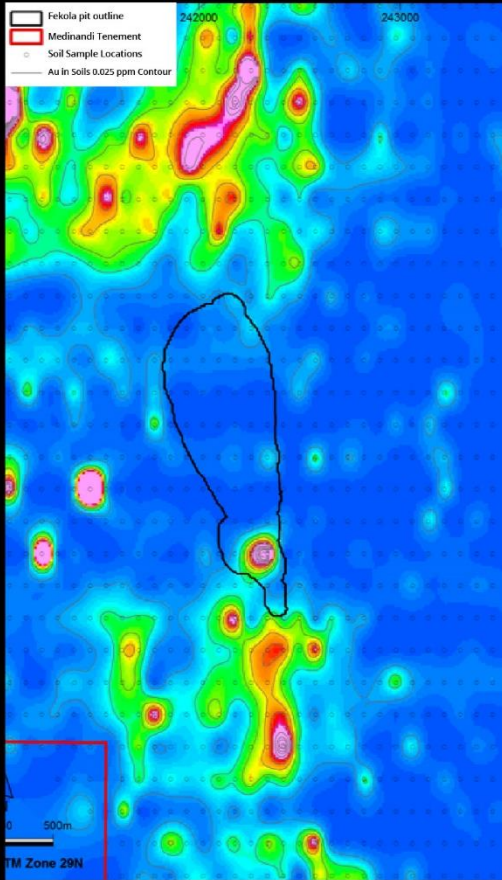
- Planned aircore drill traverse
- Xm @ Xg/t Previous aircore results (g/t Au)
- Auger gold trend

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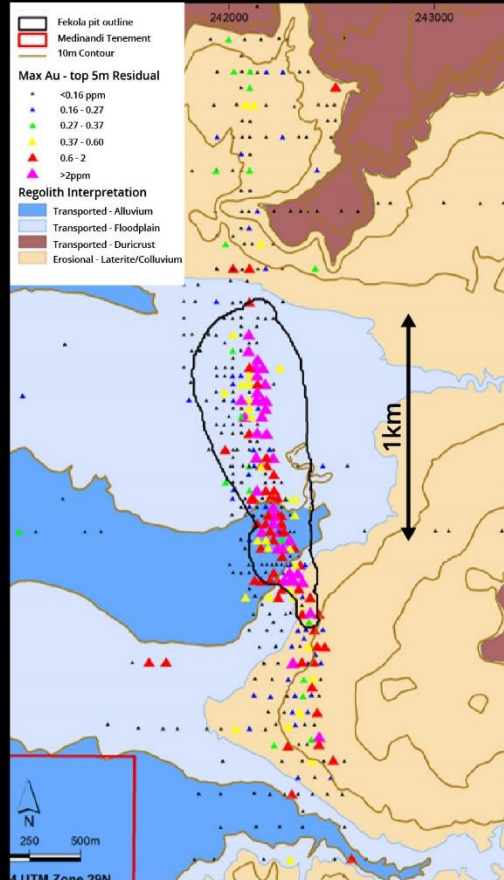
AUGER v SOILS

FEKOLA v SEKO

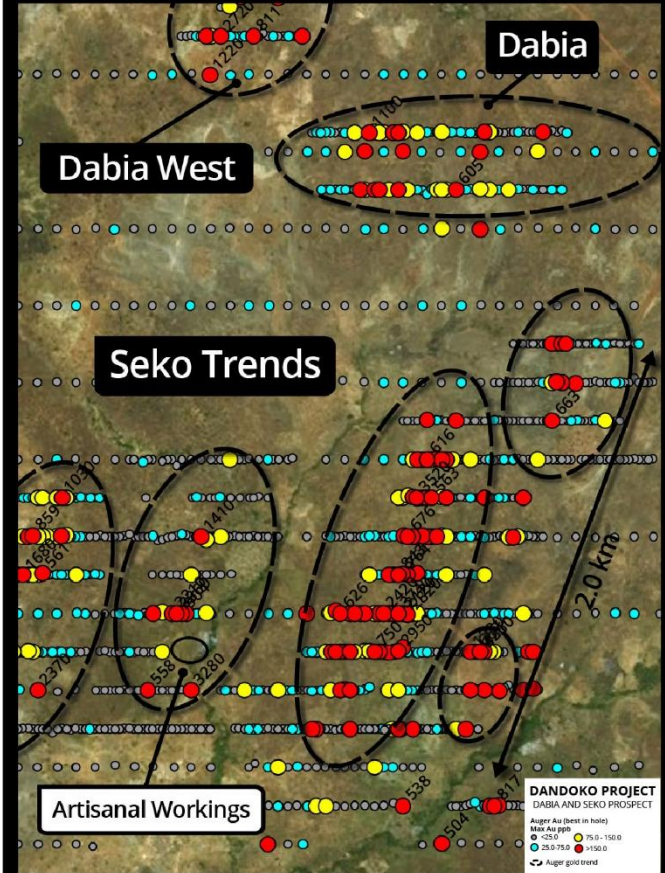
FEKOLA – Soils



FEKOLA – Top of saprock from drilling



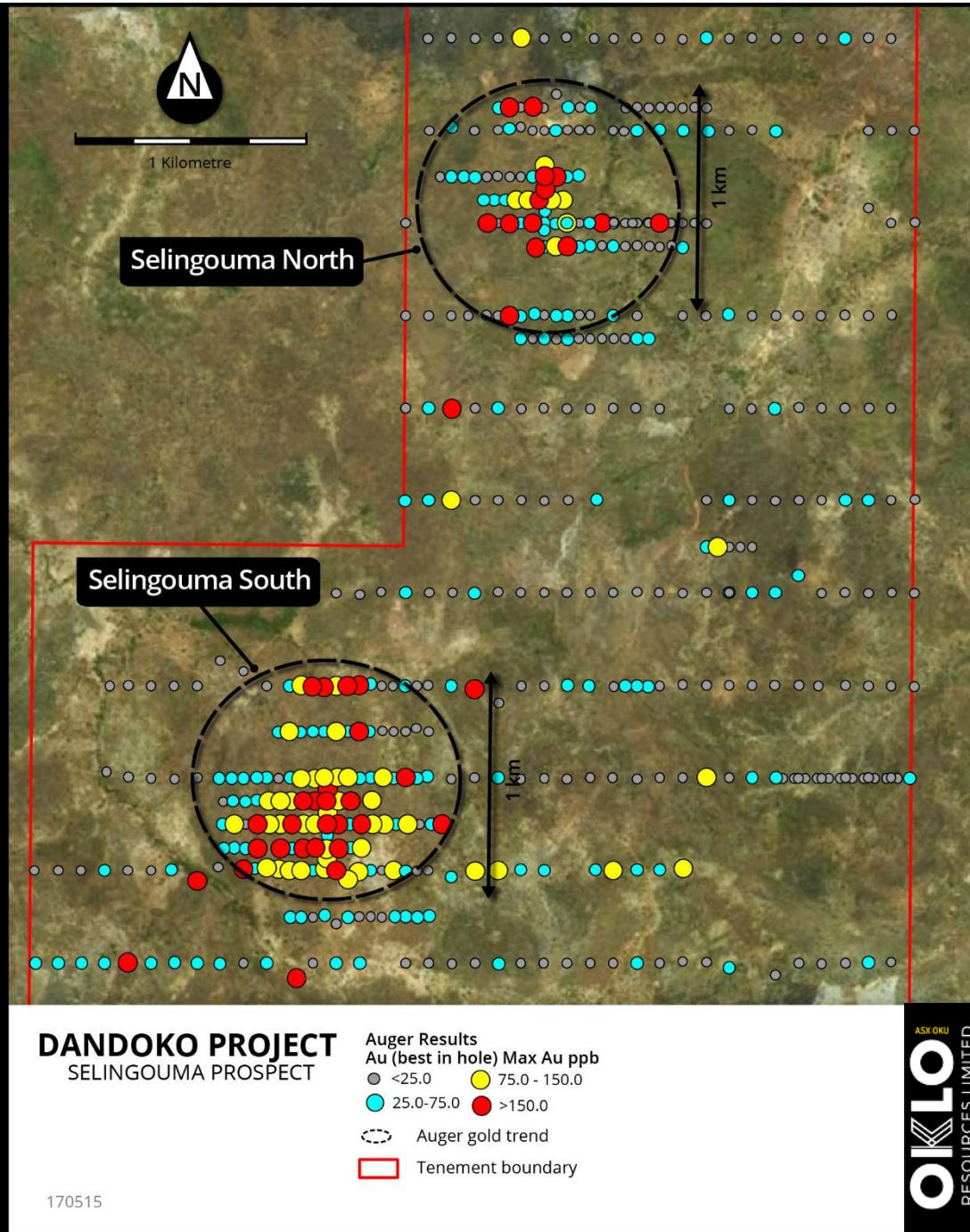
SEKO - Auger



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.

SELINGOUMA SIGNIFICANT GOLD TRENDS EXPANDED

- ▶ Auger results expand the gold anomalies at the Selingouma North and South prospects.
- ▶ Both gold anomalies extend for over 1.0km with localised results of over **1g/t gold**.
- ▶ Follow up drilling planned.



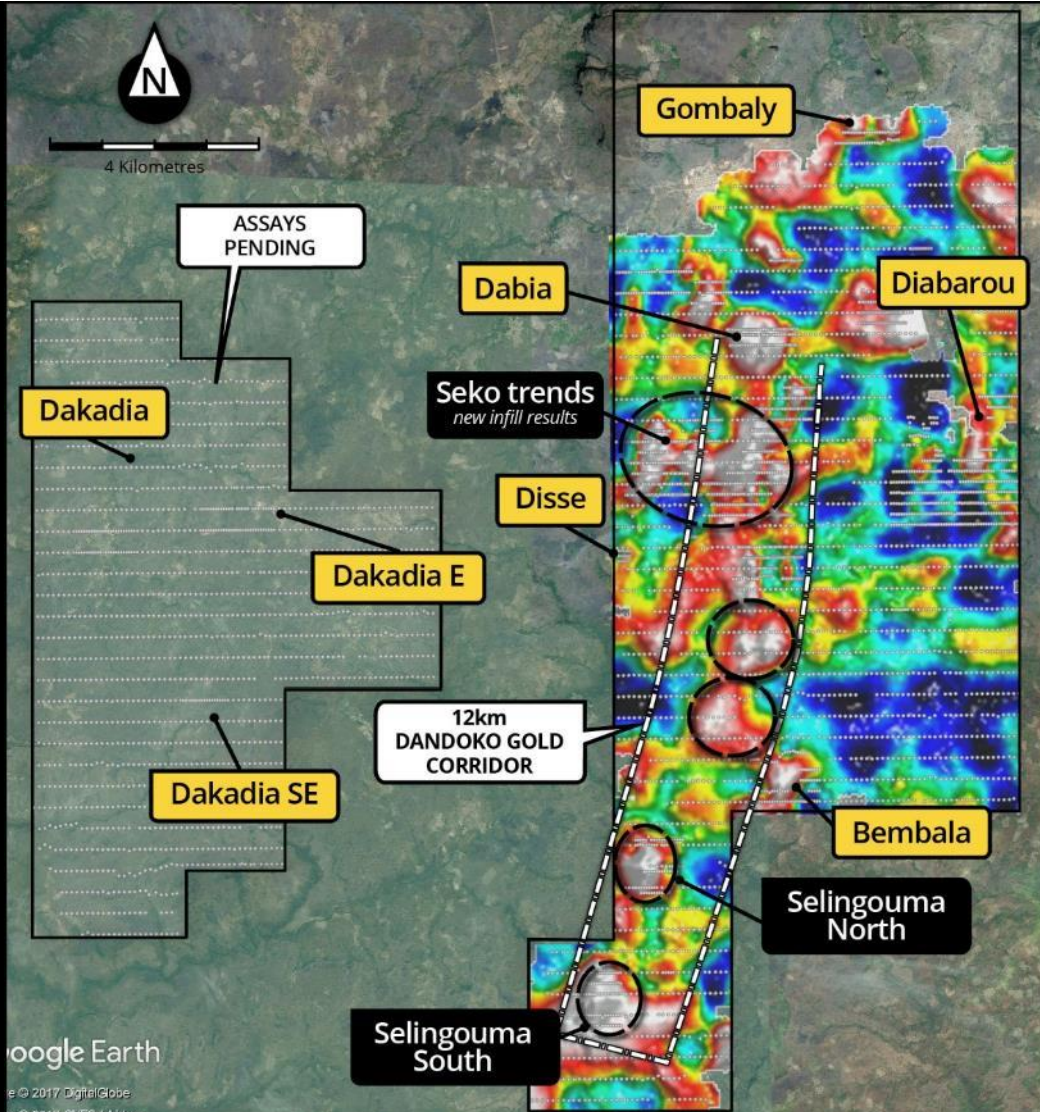
ADDITIONAL OUTSTANDING RESULTS DANDOKO

- ▶ **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



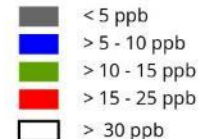
Google Earth

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DANDOKO AND MOUSSALA PROJECTS

AUGER MAX GOLD IN HOLE

Auger Max Gold in Hole



Completed Auger Drilling
 Tenement

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INFRASTRUCTURE

ESTABLISHED REGION WITH MAJOR MINING OPERATIONS



BAMAKO TO DANDOKO PROJECT - FIVE HOURS ON SEALED ROAD



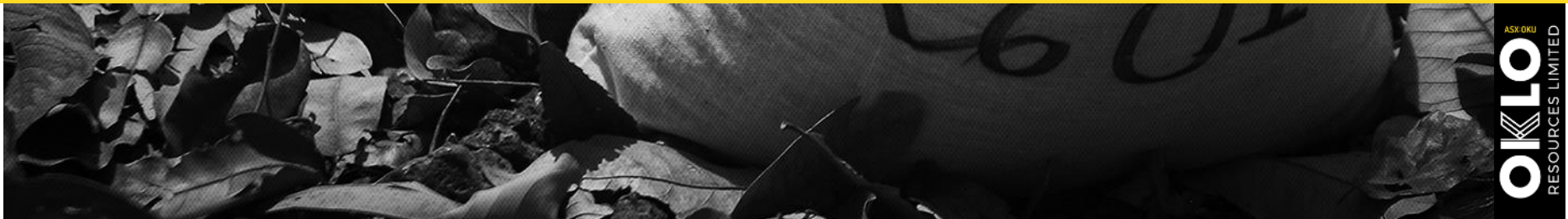
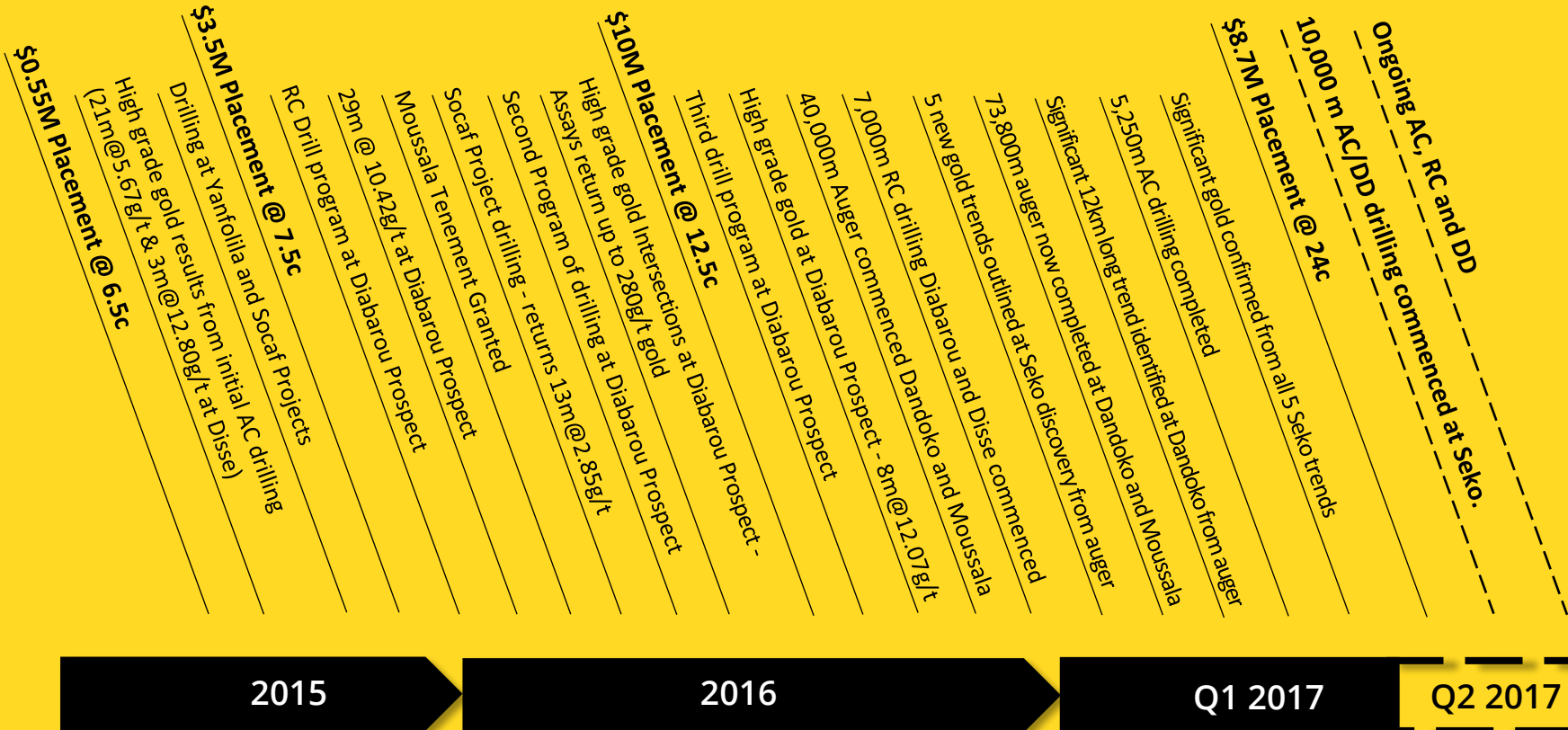
READILY ACCESSIBLE DRILL RIGS AND EQUIPMENT



GOOD ACCESS TO ROADS, WATER AND POWER

AN EXCEPTIONAL GROWTH PATH

ASPIRATIONAL TIMELINE WITH SIGNIFICANT NEWS FLOW





The Dandoko project has the potential to form an open pittable gold resource in a region that has five multi-million ounce gold deposits....

Proactive Investors 06 July 2016



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.

KEY FOCUS TO OUTLINE RESOURCE at Dandoko, with priority exploration over Seko discovery gold trends and on additional targets.

EXCELLENT INITIAL FIRST PASS DRILLING results from Dandoko Project – high grade results from Diabarou and Disse. Significant new gold trends outlined at Seko discovery, with potential for a large gold system.





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RECOVERABLE GOLD

DANDOKO PROSPECT

- ▶ Check 2kg Bottle Roll Leach analysis regularly used to confirm gold grades against conventional 50g fire assay analysis.
- ▶ Bottle Roll Leach analyses regularly **capture more gold** over conventional fire assay analyses eg:

DRILL HOLE	WIDTH (m)	FIRE ASSAY GOLD (g/t)	BOTTLE ROLL GOLD (g/t)
RCDK015-28	29	5.62	10.41
RCDK016-35	21	4.37	4.83
RCDK016-32	21	1.74	2.00
DDDK016-03	19	3.22	3.49

- ▶ Increased capture shows gold that can be liberated with a simple grinding and leaching process. Roasting not required. Expectation of simple metallurgy.
- ▶ Presence of coarse nuggety gold that can be recovered by a simple gravity circuit.
- ▶ Regionally deposits have **>90% gold recovery**:
 - ▶ Randgold - Luolo Goukoto Complex - **91.5%**¹
 - ▶ B2Gold - Fekola PFS - **92.5%**²

¹ <http://www.randgoldresources.com/sites/randgoldresources/files/Loulo-Goukoto%20Complex%20January%202016.pdf>

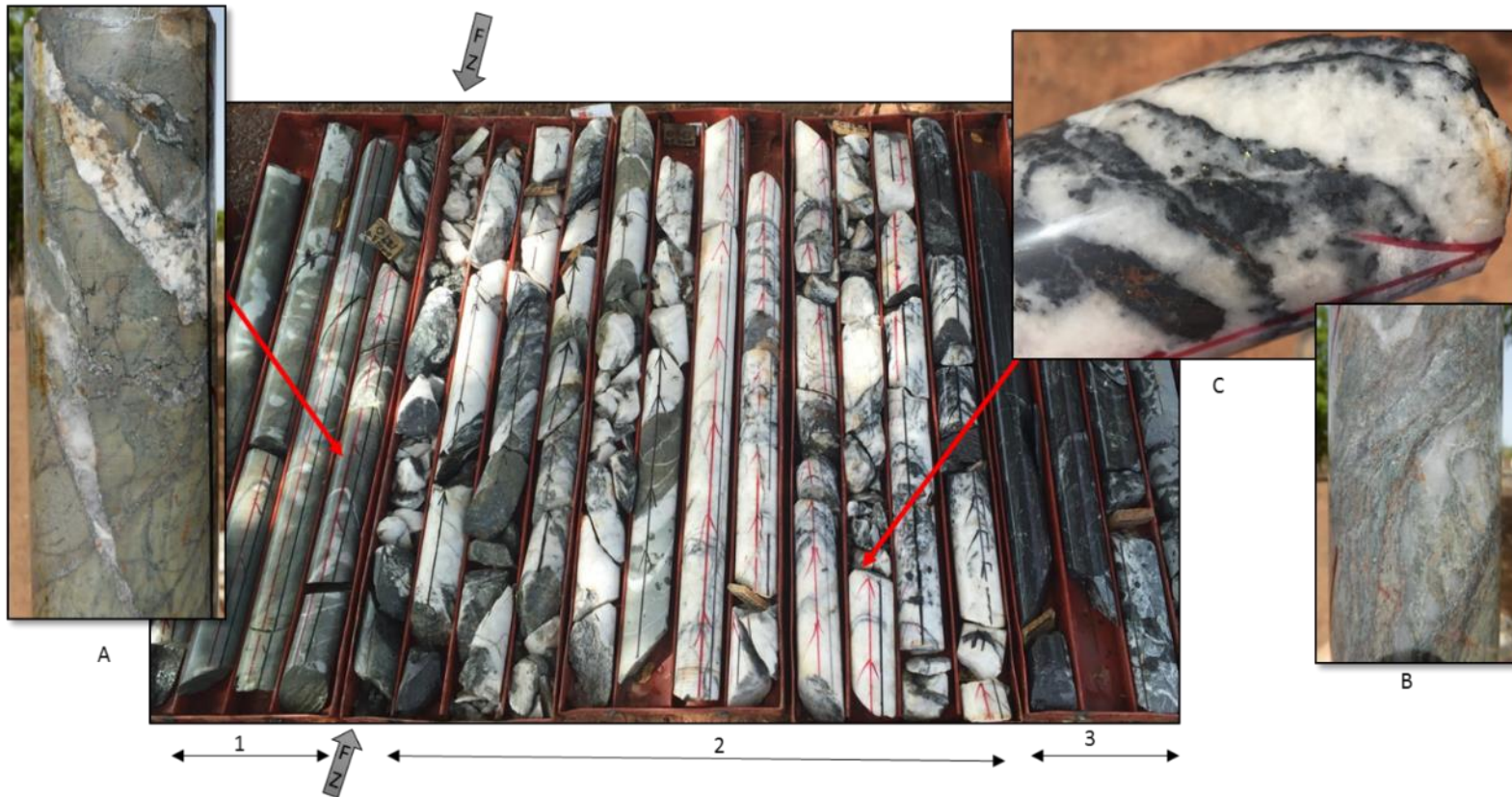
² <http://www.stocknessmonster.com/news-history?S=PIR&E=ASX&Year=2014>

COARSE GOLD IN PANNED SAMPLE FROM 36-37 METRES IN HOLE RCDK016-37 WHICH ASSAYED >100G/T GOLD



DIABAROU PROSPECT

DIAMOND DRILL CORE



Drill core from DDDK16-002.

Zone 1: Hangingwall, early phase sericite, silica, pyrite, hematitic carbonate alteration (inset A) with fault zone (FZ) showing breccia and fragments of footwall and hangingwall material.

Zone 2: later stage quartz veining with visible gold associated with later phase pyrite, arsenopyrite, albite and tourmaline (inset B).

Zone 3: altered graphitic turbidites at faulted footwall contact with quartz lode. Inset C visible gold (circled) within fragments of graphitic unit included within later stage quartz veining.