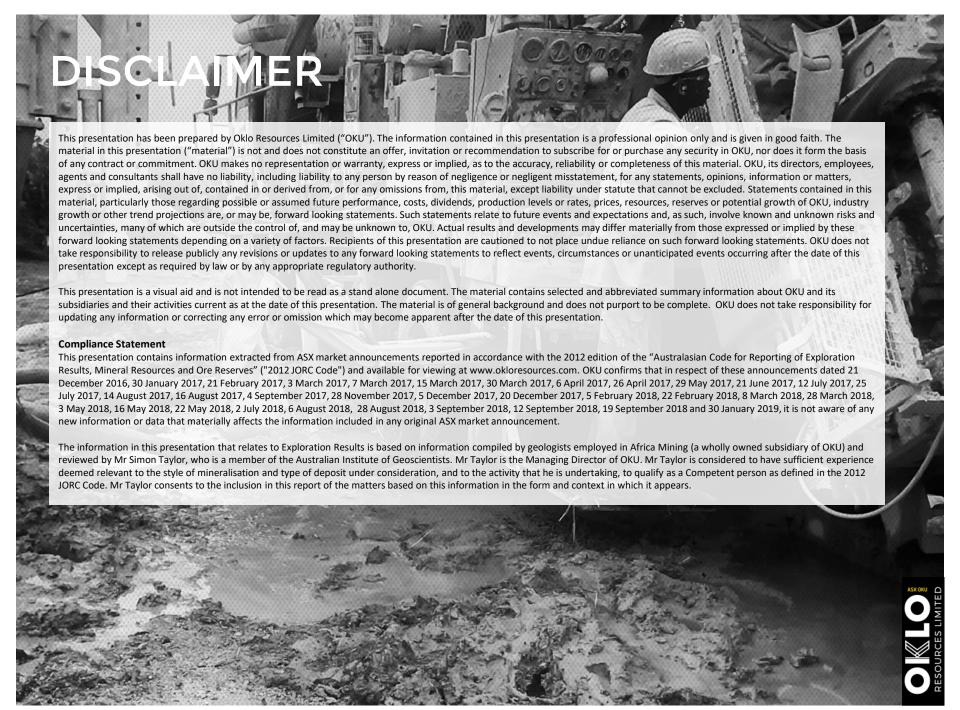


## EXPLORING AMONG THE GOLDEN GIANTS

121 CAPE TOWN INVESTOR PRESENTATION - FEBRUARY 2019



#### **GOLDEN FOOTPRINT**

#### 1,400KM<sup>2</sup> STRATEGIC LANDHOLDING IN PROLIFIC GOLD BELT

12KM DANDOKO GOLD CORRIDOR INCLUDING SEKO DISCOVERY, 30km east of B2Gold's 5.15Moz Fekola mine.

► **SEKO** - drilling has included:

33m at 4.97g/t gold 45m at 4.38g/t gold 62m at 5.26g/t gold 31m at 6.27g/t gold 46m at 4.03g/t gold 40m at 10.66g/t gold 29m at 12.27g/t gold 6KM GOLD CORRIDOR AT KOUROUFING, 20km south-east of Dandoko Project.

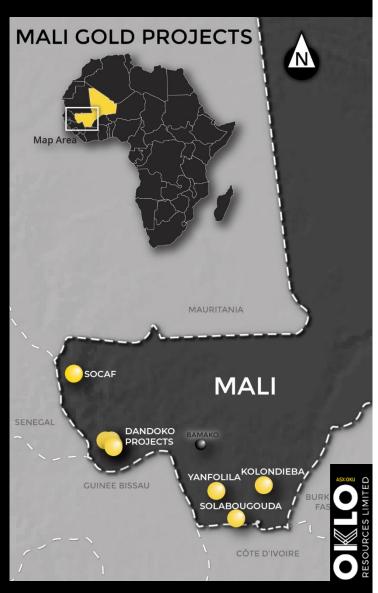
► First drilling has included:

40m at 1.02g/t gold 34m at 1.12 g/t gold 8m at 10.58g/t gold inc 2m at 39.7 g/t gold 34m at 1.06g/t gold inc 2m at 7.31 g/t gold 12m at 1.24g/t gold

DRILLING UNDERWAY WITH \$12.5M TO DRIVE EXPLORATION AND NEWSFLOW fully

funded for the 2019 drill season and beyond.

**EXPLORATION PROGRAMS** led by experienced management team, involved in > 40Moz of gold discoveries in West Africa.



#### STRONG FOUNDATION

#### CORPORATE OVERVIEW

#### CAPITAL STRUCTURE

A\$81.6M

MARKET CAP AT A\$0.23/SHARE

~A\$12.5M

CASH BALANCE (JAN 2019)

Unlisted Options average exercise A\$0.35

A\$69.1M

ENTERPRISE VALUE

354.9M

SHARES ON ISSUE

24.4M

#### **MAJOR SHAREHOLDERS**

BlackRock Group 14.64%

Resolute Mining Ltd 10.62% ↑

1832 Asset Management 9.83%

Hawkestone Group 6.27%

Directors & Management 5.27%

Ack Pty Ltd 4.68%

73% TOP 20 SHAREHOLDERS

↑ increased 0.33% since last presentation

#### **BOARD & MANAGEMENT**

- ► SIMON O'LOUGHLIN NON-EXECUTIVE CHAIRMAN
- ► SIMON TAYLOR

  MANAGING DIRECTOR & CEO
- ► **DR MADANI DIALLO**DIRECTOR COUNTRY MANAGER
- ► ANDREW BOYD

  GM EXPLORATION
- ► LARA IACUSSO

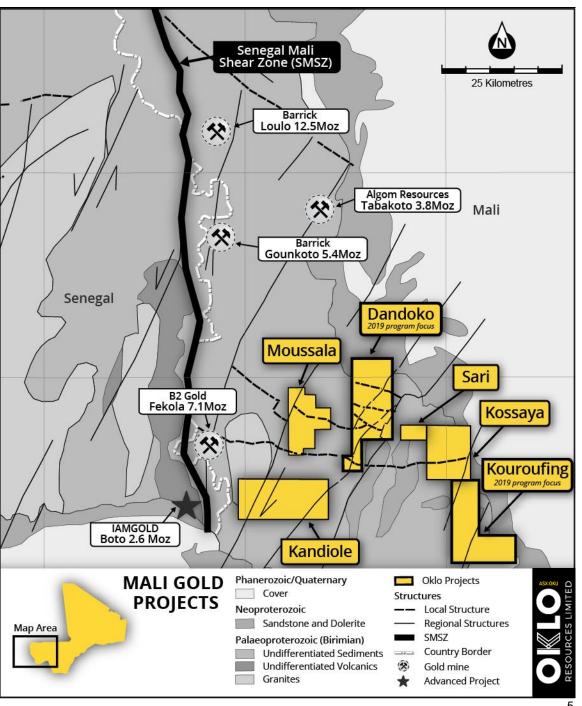
  CHIEF FINANCIAL OFFICER

#### 36 MONTH SHARE PRICE PERFORMANCE



#### LARGE PROJECT **PORTFOLIO MULTI-MILLION OUNCE REGION**

Increase in strategic land holding to ~500km<sup>2</sup> over 2018, with outstanding target identified at **Kouroufing Project** 



#### 2019 DRILLING SEASON UNDERWAY

#### \$5M BUDGET 69,000M DRILLING

#### DANDAKO PROJECT

SEKO EXTENSION step out drilling chasing volume and grade

SORY AND DABIA first pass RC testing of significant AC results

3,000M

DIAMOND DRILLING

7,000M

RC DRILLING

10,000M

AIRCORE DRILLING

#### **KOUROUFING PROJECT**

KOUROUFING testing outstanding 6km gold auger trend

15,000M

FIRST PASS
AIRCORE

25,000M

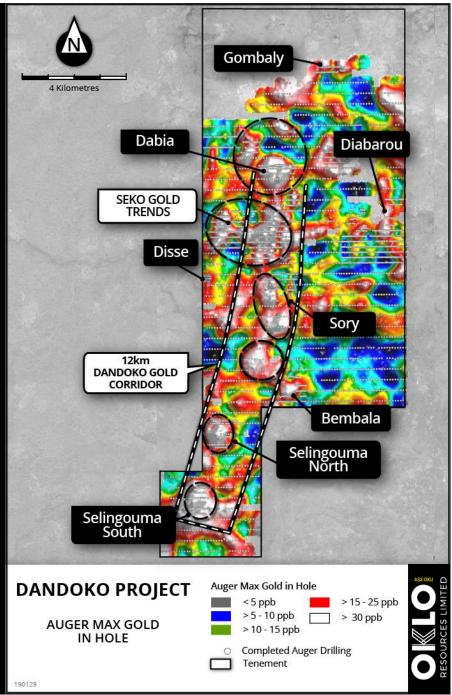
AUGER DRILLING

**REGIONAL AUGER 9,000M** 



# UNDEREXPLORED GOLD PROJECTS WITH OUTSTANDING RESULTS TO DATE DANDOKO PROJECT

- ► 12km long Dandoko gold corridor defined by shallow Auger (av hole depth 12m)
  - ► Including Seko discovery
- Further discoveries now confirmed along trend including Sory and Dabia.



#### AGGRESSIVE DRILL PROGRAM DELIVERING RESULTS

#### 2017 FIELD SEASON

- ► AC drilling 16,760m
  - ▶ 100m spaced traverses average hole depth 56m
- Significant shallow oxide gold confirmed in all 5 Seko anomalies

#### **OXIDE ZONE**

- ➤ 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

#### 2018 FIELD SEASON

- ➤ AC drilling 13,214m in 155 holes
- ► RC drilling 14,133m in 82 holes
- DD drilling 7,776m in 35 holes
- Significant shallow gold in oxide
   + deeper primary gold confirmed
   in 2 Seko anomalies

#### **OXIDE ZONE**

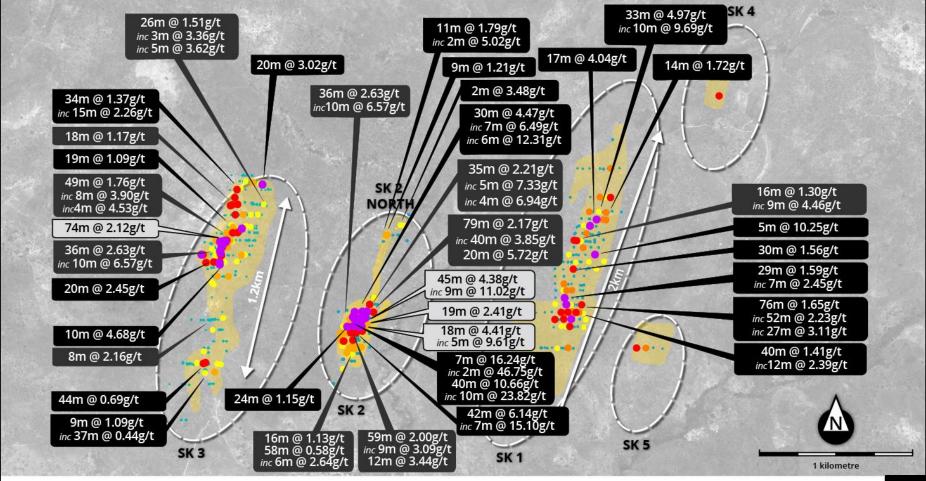
- ► 62m at 5.26g/t gold from 3m inc 30m at 7.09g/t gold from 26m
- ➤ 30m at 4.47g/t gold from 0m inc 6m at 12.31g/t gold from 24m
- ➤ 79m at 2.17g/t gold from 0m inc 40m at 3.85g/t gold from 30m and 20m at 5.72g/t gold from 48m
  - 40m at 10.66g/t gold from 25m inc 10m at 23.82g/t gold from 37m
- ➤ 29m at 12.27g/t gold from 1m inc 8m at 36.9g/t gold from 7m

#### **PRIMARY ZONE**

- ▶ 45m at 4.38g/t gold from 96m inc 9m at 11.02g/t gold from 112m
- ▶ 31m at 6.27g/t gold from 101m inc 8m at 17.20g/t gold from 102m
- ► 46m at 4.03g/t gold from 111m inc 5m at 11.86g/t gold from 147m
- ➤ 33m at 4.97g/t gold\* from 63m inc 13m at 9.69g/t gold from 64m
- ► 51m at 2.22g/t gold from 180m inc 17m at 4.79g/t gold from 196m



#### AC, RC & DD GOLD TRENDS - 2017-18 RESULTS



#### DANDOKO PROJECT SEKO PROSPECT

AC, RC AND DD DRILLING RESULTS

Average vertical hole depth 56m - Aircore Average vertical hole depth 160m - RC

#### Significant Interval Grade Thickness = g/t x m

0.5 - 5 20 - 50 Auger gold trend 9 5 - 10 >50 Aircore and RC gold trend 10 - 20

Xm@Xg/t Aircore previous results (g/t Au)

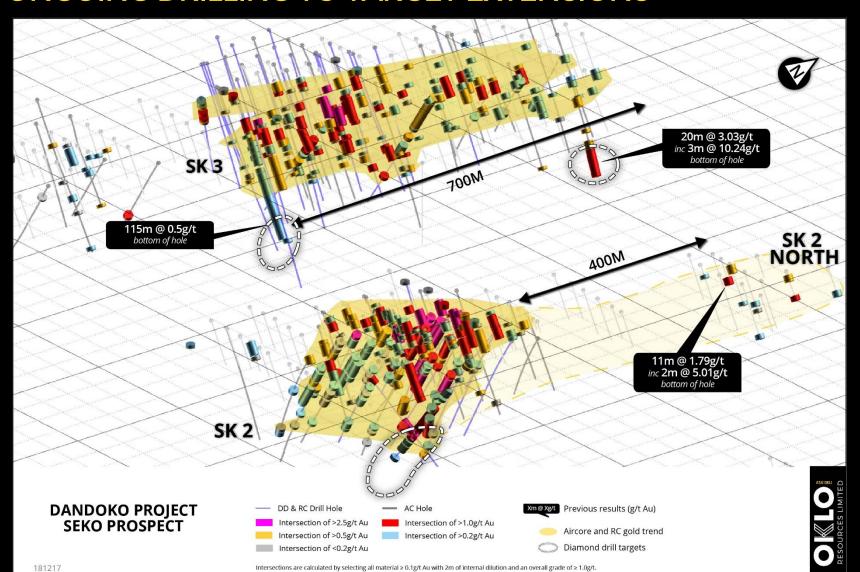




Significant Grade Thisckness Intervals are reported using a threshold where the interval has a 0.5g/t Au average or greater over the sample interval and selects all material greater than 0.10g/t Au allowing for up to 2 samples of included dilution every 10m, then calculating the grade thickness product of each of these intersections on a per interval basis.

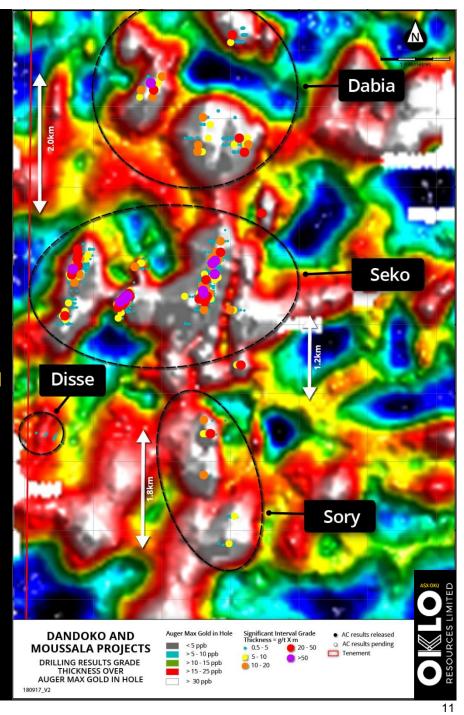


### AC, RC & DD GOLD TRENDS – 2017-18 RESULTS ONGOING DRILLING TO TARGET EXTENSIONS



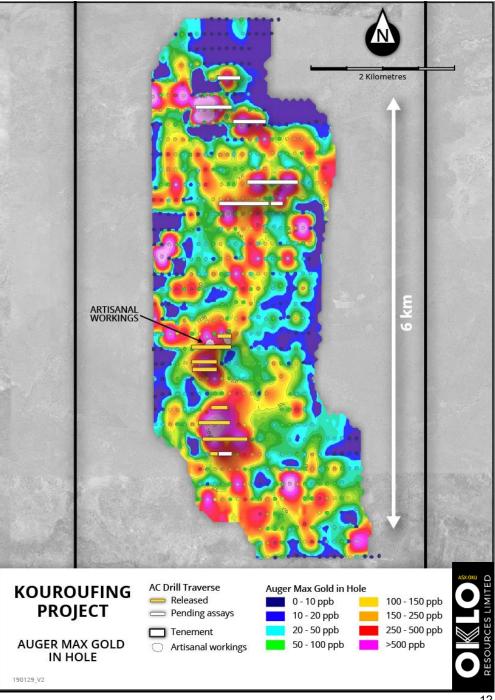
#### DANDOKO CORRIDOR NEW DISCOVERIES AT SORY & DABIA

- At Sory drilling returned grades up to 13.3g/t gold and multiple zones of mineralisation including:
  - ► 14m at 1.31g/t gold from 48m
  - ► 5m at 2.82g/t gold from 49m
  - ► 5m at 2.27g/t gold from 14m
  - ► 44m at 1.37g/t gold from 33m
  - ► 35m at 1.00g/t gold from 19m
- At Dabia drilling returned grades up to 16.0g/t gold and multiple zones of mineralisation including:
  - ► 15m at 2.05g/t gold from 26m
  - ► 4m at 5.03g/t gold from 68m
  - ► 25m at 2.50g/t gold from 65m
  - ► 9m at 2.66g/t gold from 99m
  - ► 5m at 4.85g/t gold from 31m
  - Results confirm Dandoko Gold Corridor as a district scale trend with potential for further discoveries



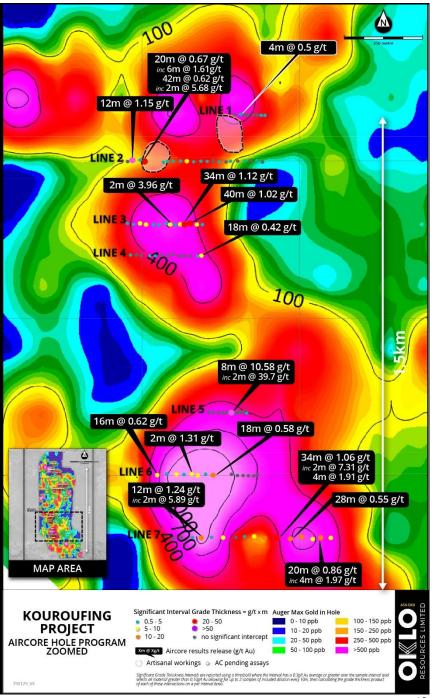
#### KOUROUFING PROJECT **NEW 6KM GOLD CORRIDOR**

- 6km long gold corridor, from shallow holes, average depth 15m
- Numerous gold anomalies of over 1km length with + 1 g/t gold
- Best composite intersections include:
  - ► 8m at 14.35g/t gold from 5m
  - ► 5m at 2.18g/t gold from 7m
  - ► 15m at 1.25g/t gold from 0m
- Multiple walk up drill targets demonstrates potential for further discoveries
- 75% of project area remains untested
- Completed 9,082m AC drilling

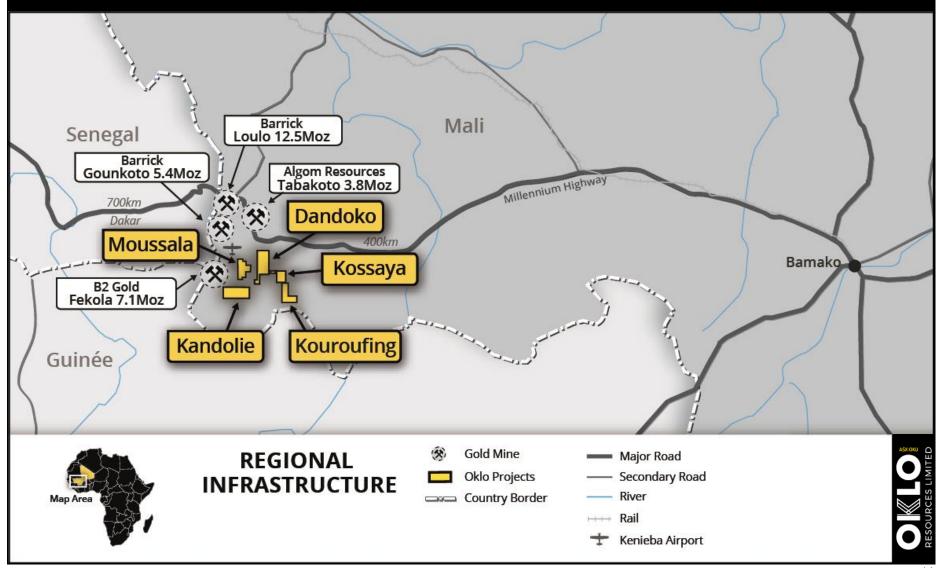


## **KOUROUFING PROJECT**Wide zones of shallow Gold

- First shallow AC drilling returned wide zones of gold mineralisation including:
  - ➤ 34m at 1.12g/t gold from 2m
  - ► 40m at 1.02g/t gold from surface
  - 34m at 1.06g/t gold from surface;
     including
     2m at 7.31g/t gold from 24m
  - 8m at 10.58g/t gold from 2m;
     including
     2m at 39.7g/t gold from 6m
  - ► 12m at 1.24g/t gold from 8m; including
     2m at 5.89g/t gold from 12m
- Results demonstrate excellent potential for new bedrock discoveries



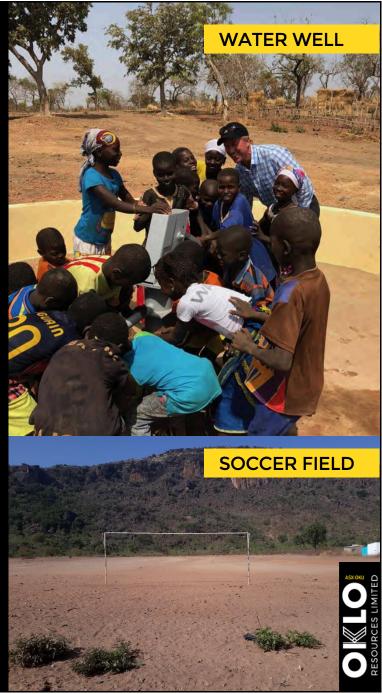
## INFRASTRUCTURE ESTABLISHED REGION WITH MAJOR MINING OPERATIONS



## BUILDING STRONG PARTNERSHIPS COMMUNITY DEVELOPMENT

Oklo invests in meaningful projects and lasting programs, enhancing community development.

- ► Regular engagement and dialogue with local authorities and community members
- Development of education and scholarship programs
- Local technical team language training for better communication
- ► Investment in Seko community water well, near local school and market
- Supporting local cultural and sports events



## PURSUING OPPORTUNITY INVESTING IN OKLO RESOURCES

**BUILDING ON A STRONG 2018** significant potential to host a large gold system at Dandoko with excellent initial drilling results from the 2018 exploration program.

#### KEY FOCUS TO OUTLINE RESOURCE

via aggressive drilling programs, with priority exploration over the Seko discovery and other targets.

#### **EXTENSIVE LAND POSITION IN MAJOR**

**GOLD REGION** large landholding covering over 1,400 km<sup>2</sup> in Mali, West Africa with strong exploration potential.

#### HIGHLY EXPERIENCED MANAGEMENT

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



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#### **BOARD AND MANAGEMENT**

#### **CORPORATE**

#### ► SIMON O'LOUGHLIN

NON-EXECUTIVE CHAIRMAN

Mr O'Loughlin is the founding member of O'Loughlins Lawyers, an Adelaide based medium- sized, specialist commercial law firm.

#### 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.

#### LARA IACUSSO

CHIEF FINANCIAL OFFICER

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

#### **IN-COUNTRY**

#### 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.

#### ► TREEVE OATES

SENIOR GEOLOGIST

Former consulting geologist, worked with CSA Global and B2Gold at Fekola prior to joining Oklo.

#### PRELIMINARY METALLURGICAL TESTWORK

#### **FAVOURABLE RESULTS FROM SEKO**

- ▶ 86 samples (20 oxide and 66 primary) collected from RC and DD holes at SK 1-3 submitted 24 hour bottle roll cyanide leach analysis
- Further metallurgical studies underway

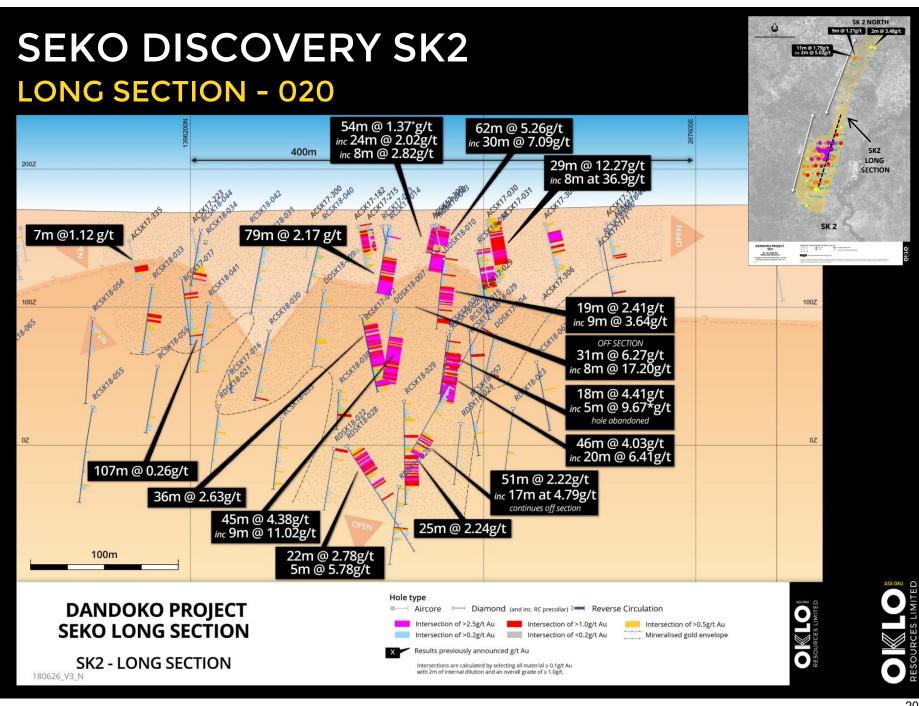
#### SUMMARY - FIRE ASSAY AND BOTTLE ROLL CYANIDE LEACH GOLD RESULTS

	OXIDE	FRESH	ALL
FIRE ASSAY - GOLD (PPM)	4.03	3.64	3.73
BOTTLE ROLL – GOLD (PPM)	3.96	3.43	3.55
RECOVERY* (leach % of fire assay)	98.2%	94.2%	95.2%

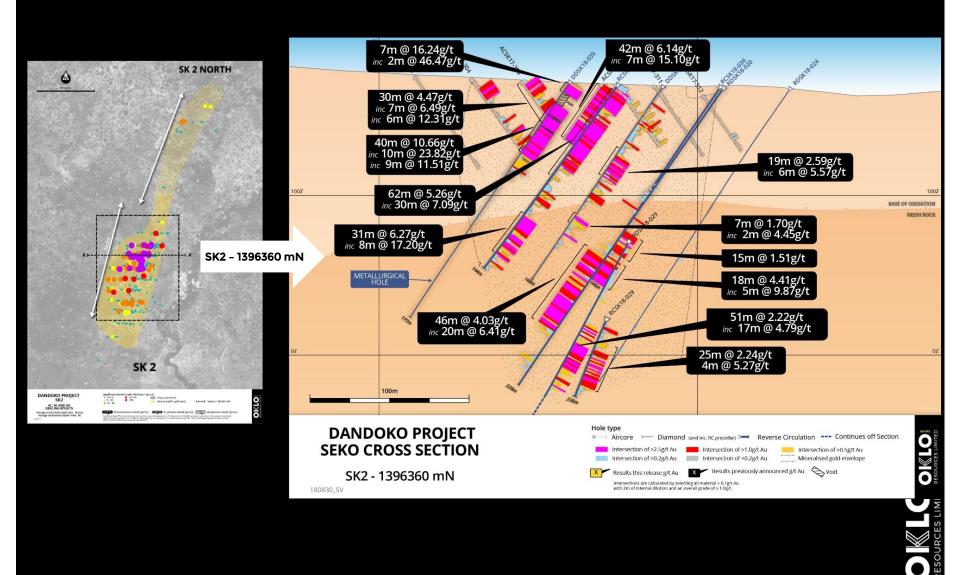
#### HOLE NUMBERS, SAMPLE INTERVALS AND FIRE ASSAY V BOTTLE ROLL CYANIDE LEACH GOLD RESULTS

HOLE ID	FROM	то	FIRE ASSAY GOLD (PPM)	BOTTLE-ROLL GOLD (PPM)	RECOVERY* (leach % of fire assay)	TYPE NO. SAMPLES	LOCATION
RCSK17-026	40	52	3.45	3.40	98.6%	Oxide 52	SK1
RCSK17-015	5	13	4.90	4.79	97.8%	Oxide 8	SK2
RCSK17-012	100	127	2.87	2.87	100%	Fresh 27	SK2
RCSK17-019	110	131	3.05	2.80	91.8%	Fresh 21	SK3
RDSK18-020	137	155	5.48	4.98	90.9%	Fresh 18	SK2

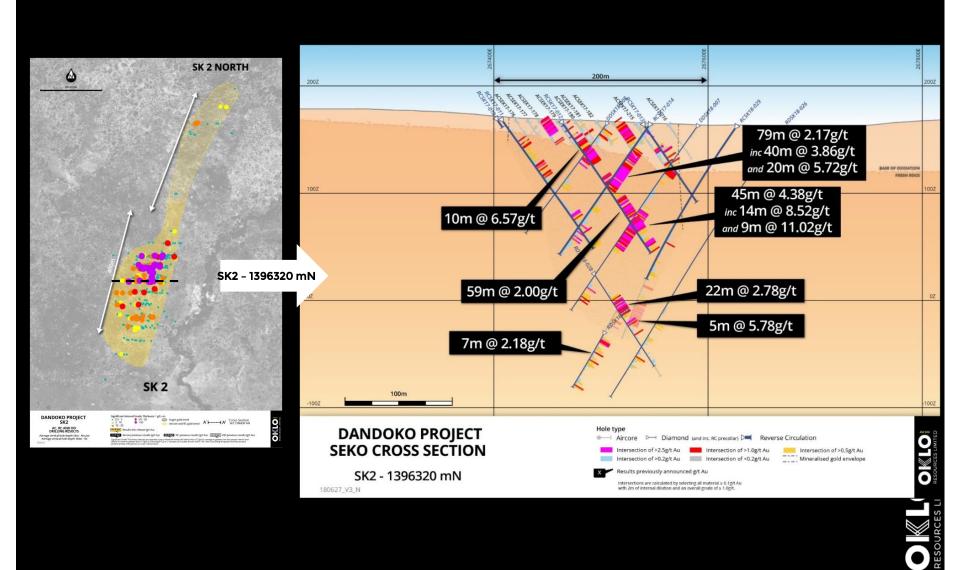




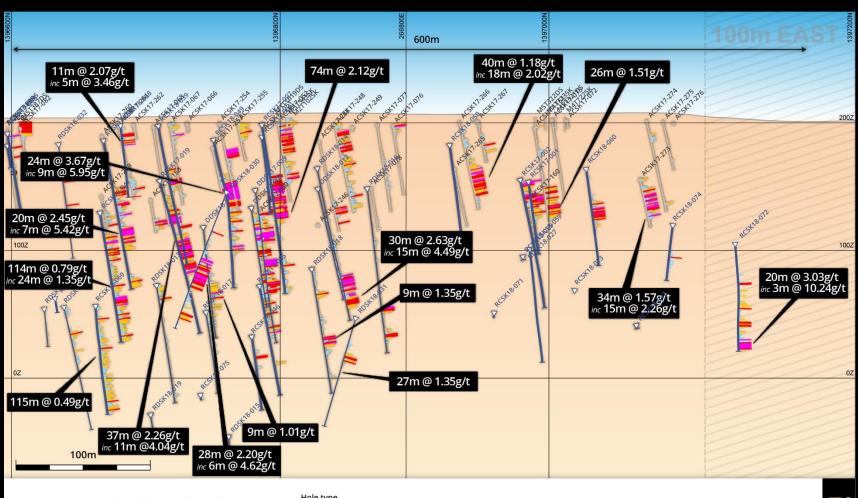
#### DRILL PLAN - CROSS SECTION - 1396360mN



#### DRILL PLAN - CROSS SECTION - 1396320mN



#### **LONG SECTION - 020N**



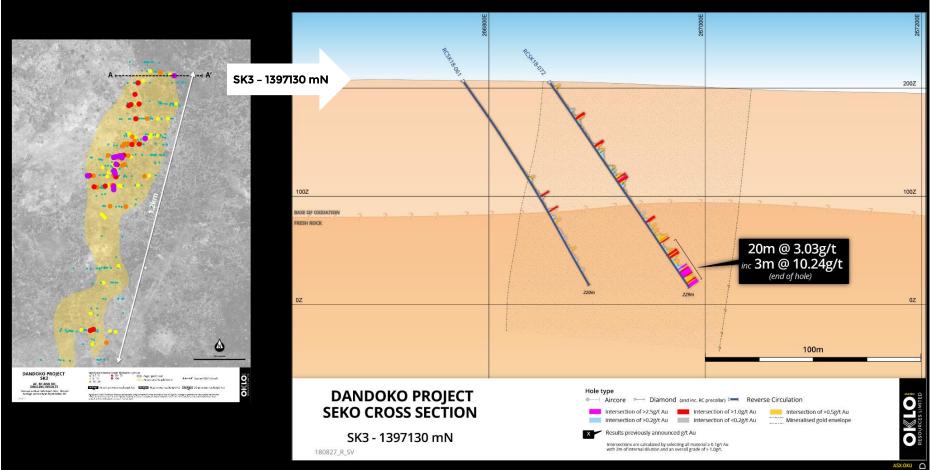
DANDOKO PROJECT SEKO LONG SECTION

SK3 - LONG SECTION





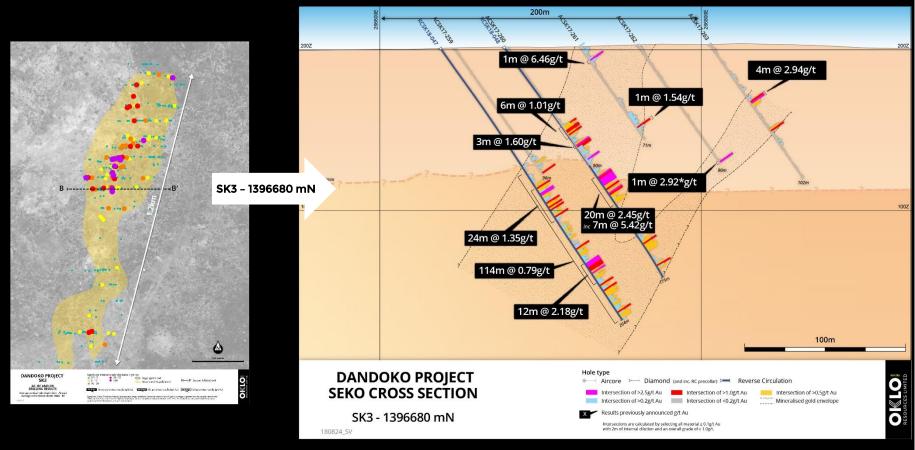
#### **DRILL PLAN CROSS SECTION - 1397130mN**



NORTHERN POINT OF SK3 further drill testing of trend extension



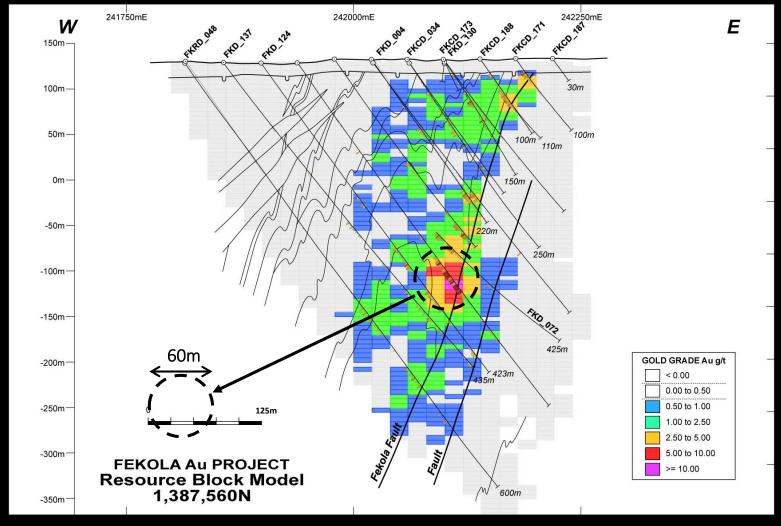
#### **DRILL PLAN CROSS SECTION - 1396680mN**



SOUTHERN POINT OF SK3 further drill testing of trend extension



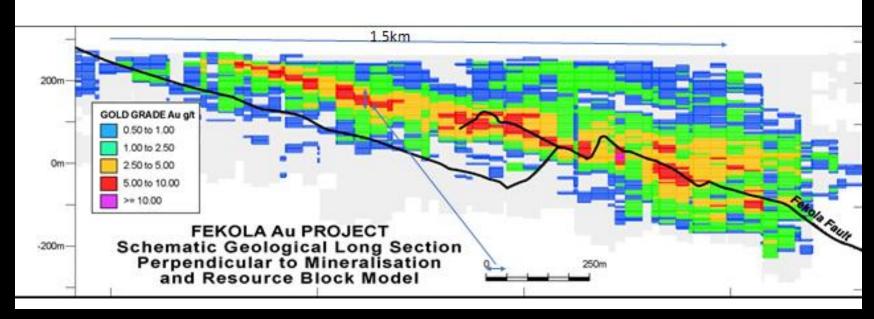
### ALREADY INDICATIONS FOR HIGH GRADE GOLD FEKOLA STYLE SHOOTS





## SEKO DISCOVERY DRILL TEST FOR PLUNGING FEKOLA STYLE SHOOTS

Resource – Longitudinal Section







#### **SIMON TAYLOR**

MANAGING DIRECTOR M: + 61 409 367 460

E: 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

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