

OKLO ASX:OKL
RESOURCES LIMITED



EXPLORING AMONG THE GOLDEN GIANTS

BMO GLOBAL METALS & MINING CONFERENCE - FEBRUARY 2019

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This presentation contains information extracted from ASX market announcements reported in accordance with the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" ("2012 JORC Code") and available for viewing at www.okloresources.com. OKU confirms that in respect of these announcements dated 21 December 2016, 30 January 2017, 21 February 2017, 3 March 2017, 7 March 2017, 15 March 2017, 30 March 2017, 6 April 2017, 26 April 2017, 29 May 2017, 21 June 2017, 12 July 2017, 25 July 2017, 14 August 2017, 16 August 2017, 4 September 2017, 28 November 2017, 5 December 2017, 20 December 2017, 5 February 2018, 22 February 2018, 8 March 2018, 28 March 2018, 3 May 2018, 16 May 2018, 22 May 2018, 2 July 2018, 6 August 2018, 28 August 2018, 3 September 2018, 12 September 2018, 19 September 2018, 30 January 2019 and 19 February 2019, it is not aware of any new information or data that materially affects the information included in any original ASX market announcement.

The information in this presentation that relates to Exploration Results is based on information compiled by geologists employed in Africa Mining (a wholly owned subsidiary of OKU) and reviewed by Mr Simon Taylor, who is a member of the Australian Institute of Geoscientists. Mr Taylor is the Managing Director of OKU. 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 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.

GOLDEN FOOTPRINT

1,400KM² STRATEGIC LANDHOLDING IN PROLIFIC GOLD BELT

TWO LARGE GOLD SYSTEMS DISCOVERED

12KM DANDOKO GOLD CORRIDOR INCLUDING SEKO DISCOVERY, 30km east of B2Gold's 7.1 Moz 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.

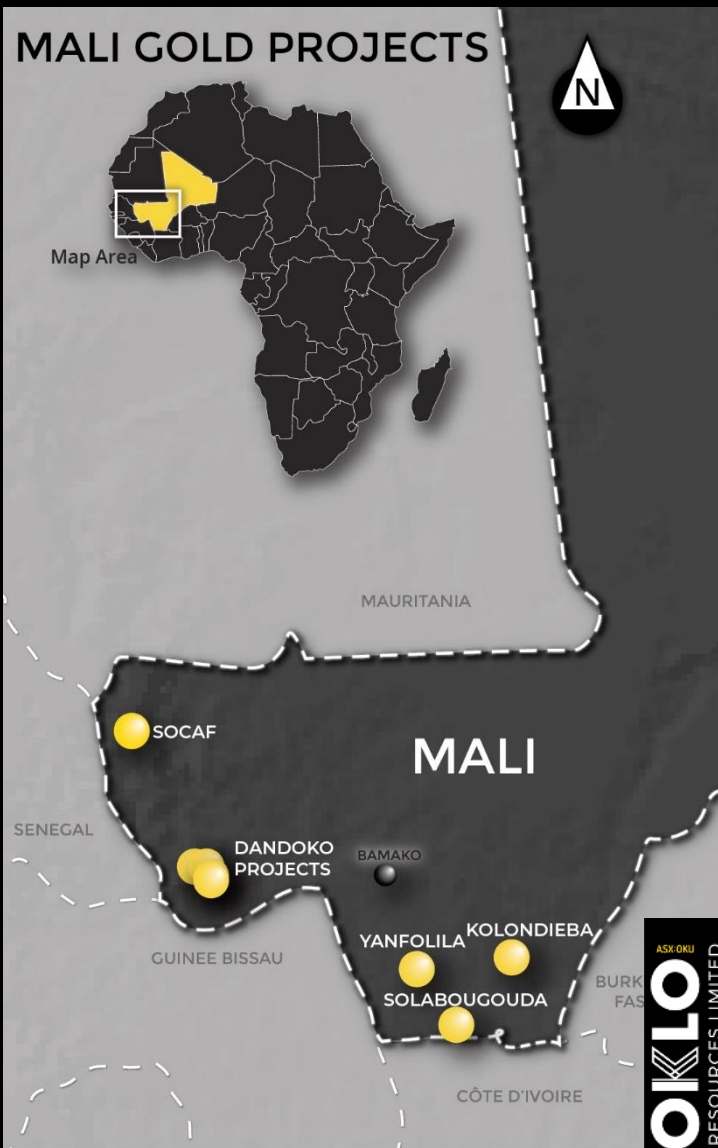
► First drilling has included:

- 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
- 6m at 29.41 g/t gold
- inc* 2m at 77.40 g/t gold

DRILLING UNDERWAY WITH \$11M 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.

MALI GOLD PROJECTS



STRONG FOUNDATION

CORPORATE OVERVIEW

CAPITAL STRUCTURE

A\$88.5M **A\$77.5M**

MARKET CAP AT
A\$0.24/SHARE

ENTERPRISE
VALUE

~A\$11.0M

CASH BALANCE
(FEB 2019)

353.9M

SHARES ON
ISSUE

Unlisted Options
average exercise A\$0.34

25.4M

MAJOR SHAREHOLDERS

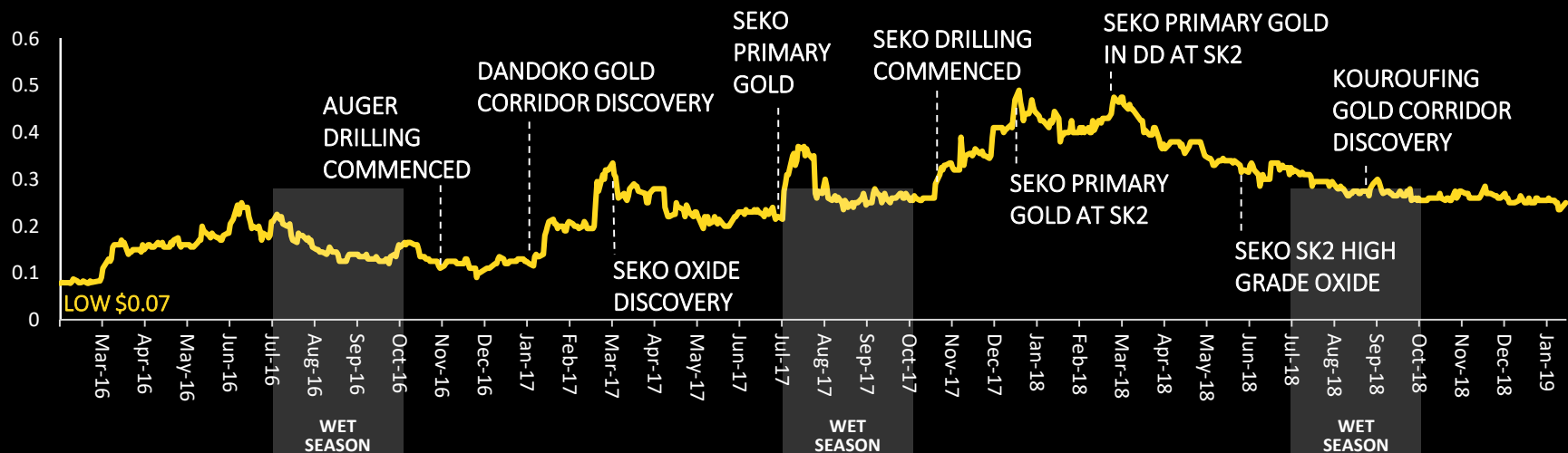
BlackRock Group	14.64%
Resolute Mining Ltd	10.62%
1832 Asset Management	9.83%
Hawkestone Group	6.27%
Directors & Management	5.27%
Ack Pty Ltd	4.68%

**73% TOP 20
SHAREHOLDERS**

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

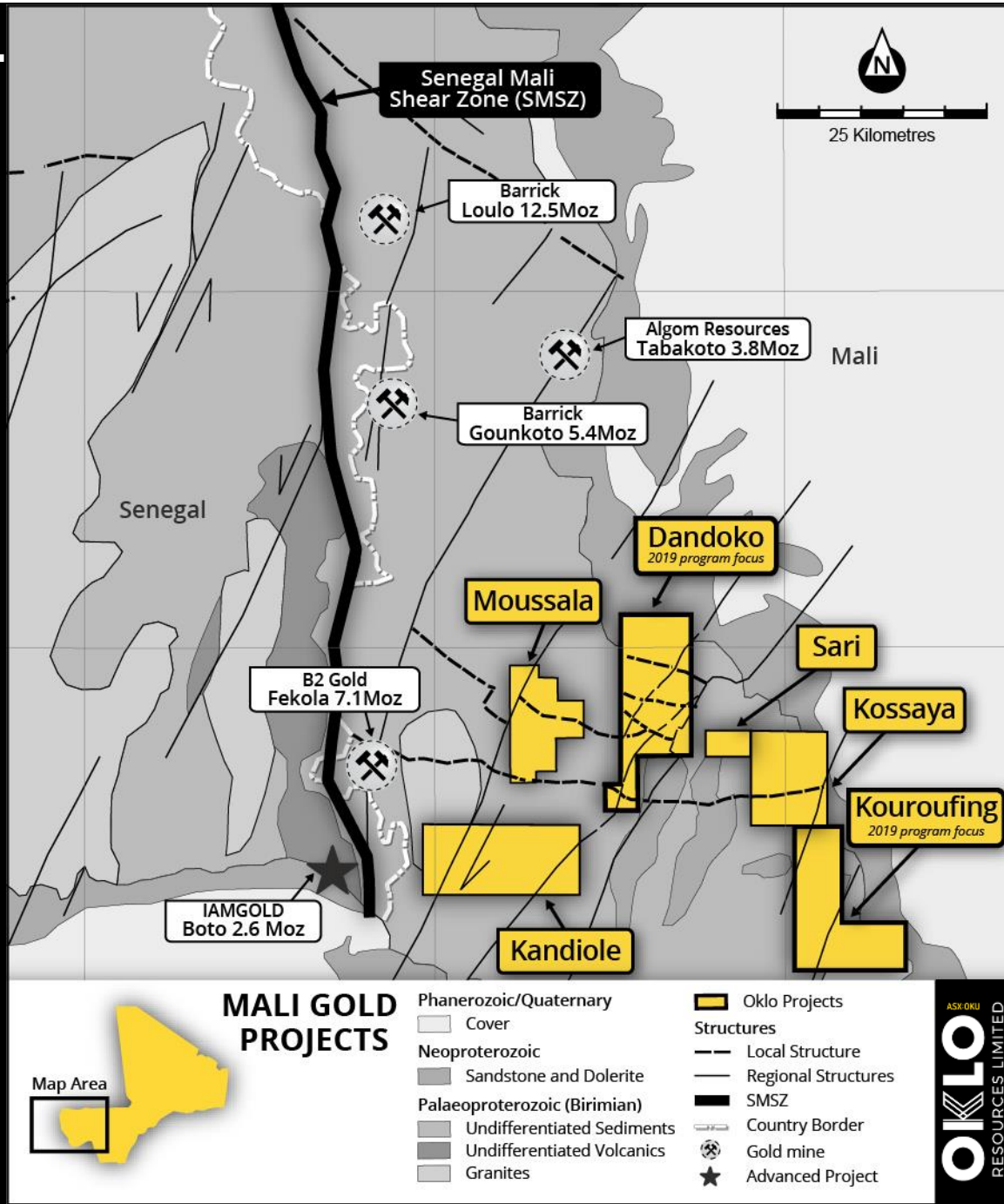
36 MONTH SHARE PRICE PERFORMANCE



LARGE PROJECT PORTFOLIO

MULTI-MILLION OUNCE REGION

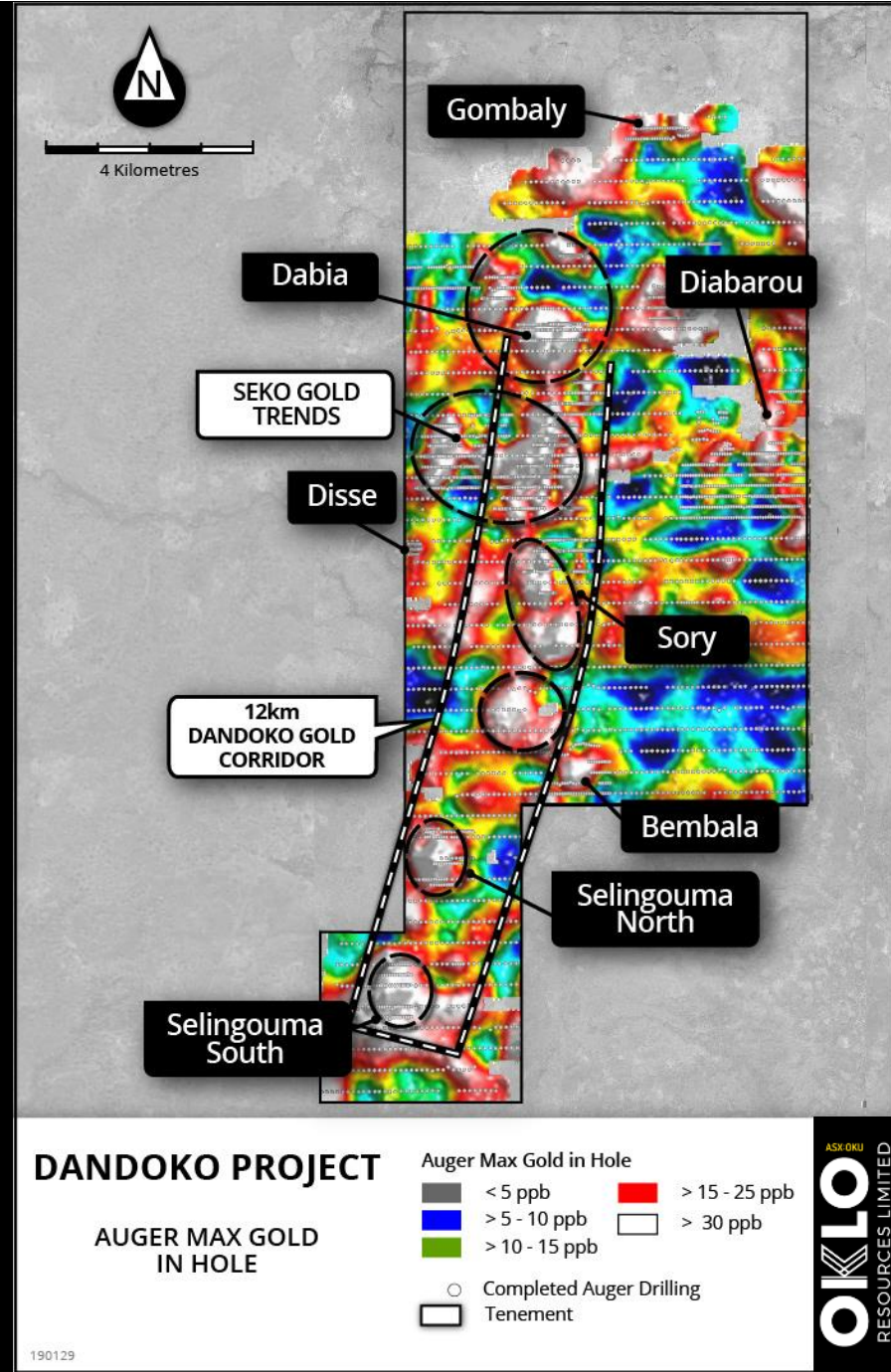
Increase in strategic land holding to ~500km² over 2018, with outstanding target identified at Kouroufing Project



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.**



SEKO DISCOVERY

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

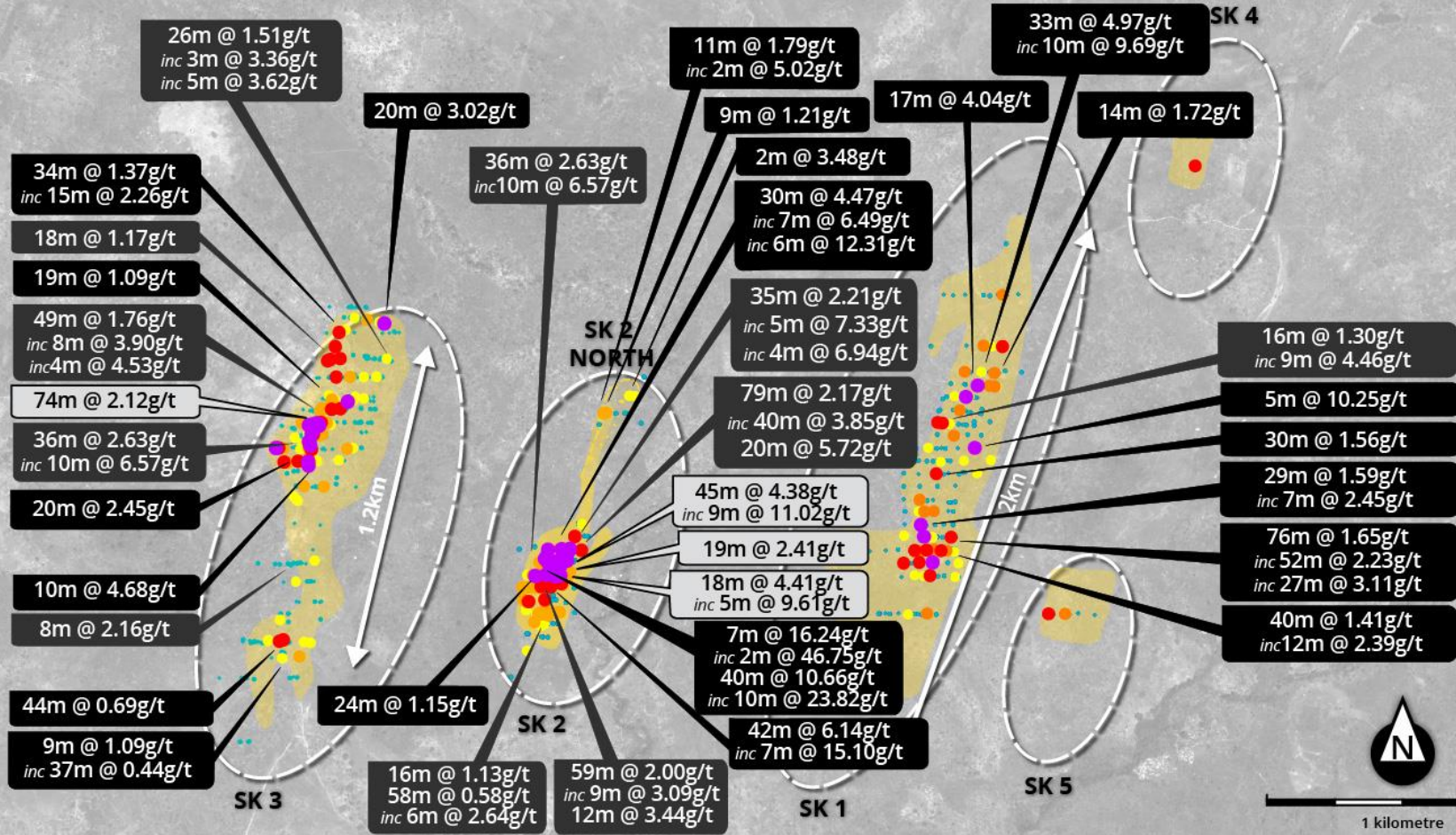
PRIMARY ZONE

- ▶ 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

* Hole ended in mineralisation

SEKO DISCOVERY

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

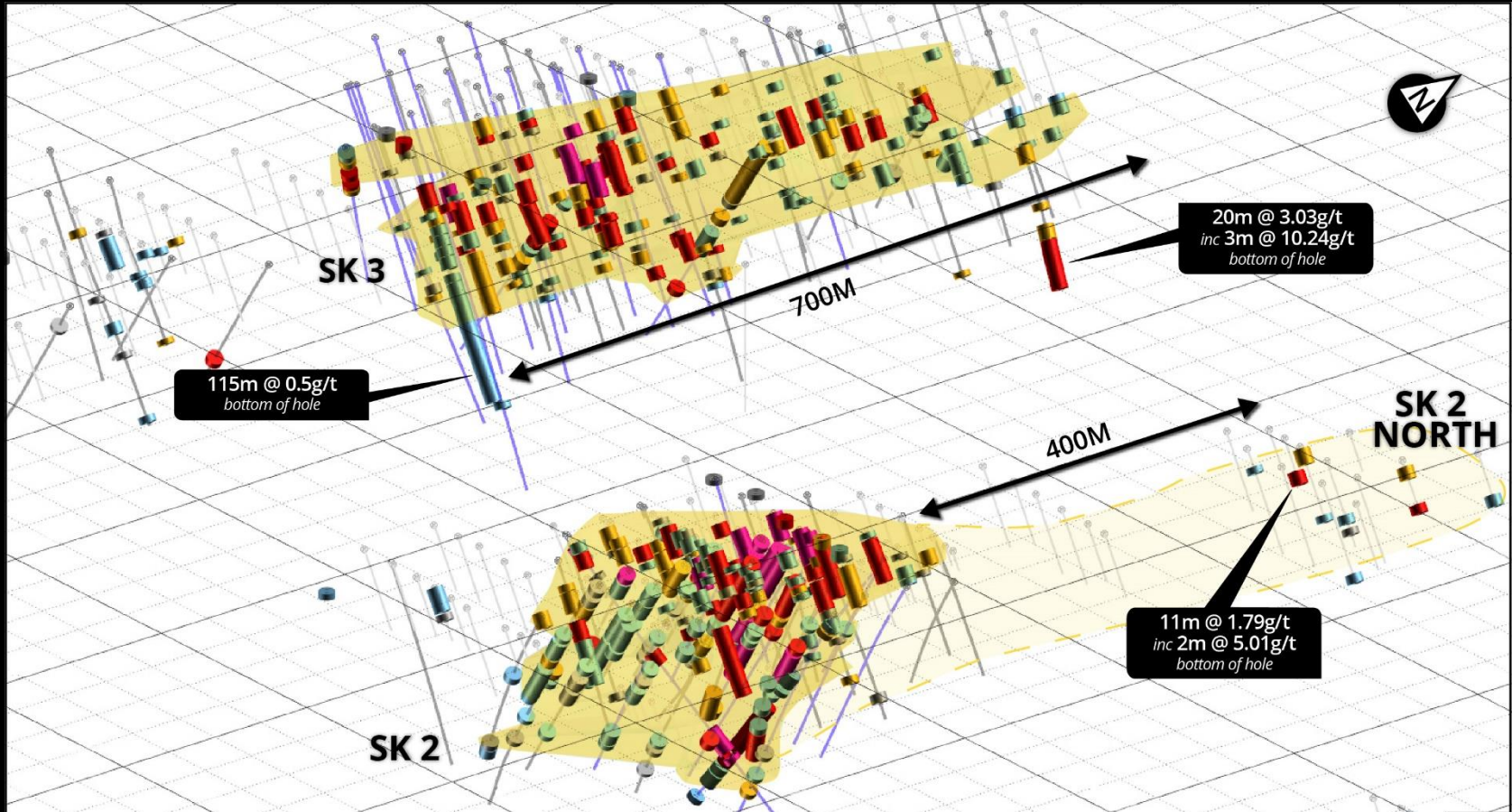


Xm @ Xg/t Aircore previous results (g/t Au) Xm @ Xg/t RC previous results (g/t Au) Xm @ Xg/t DD previous results (g/t Au)

Significant Grade Thickness 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.

SEKO DISCOVERY

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



DANDOKO PROJECT SEKO PROSPECT

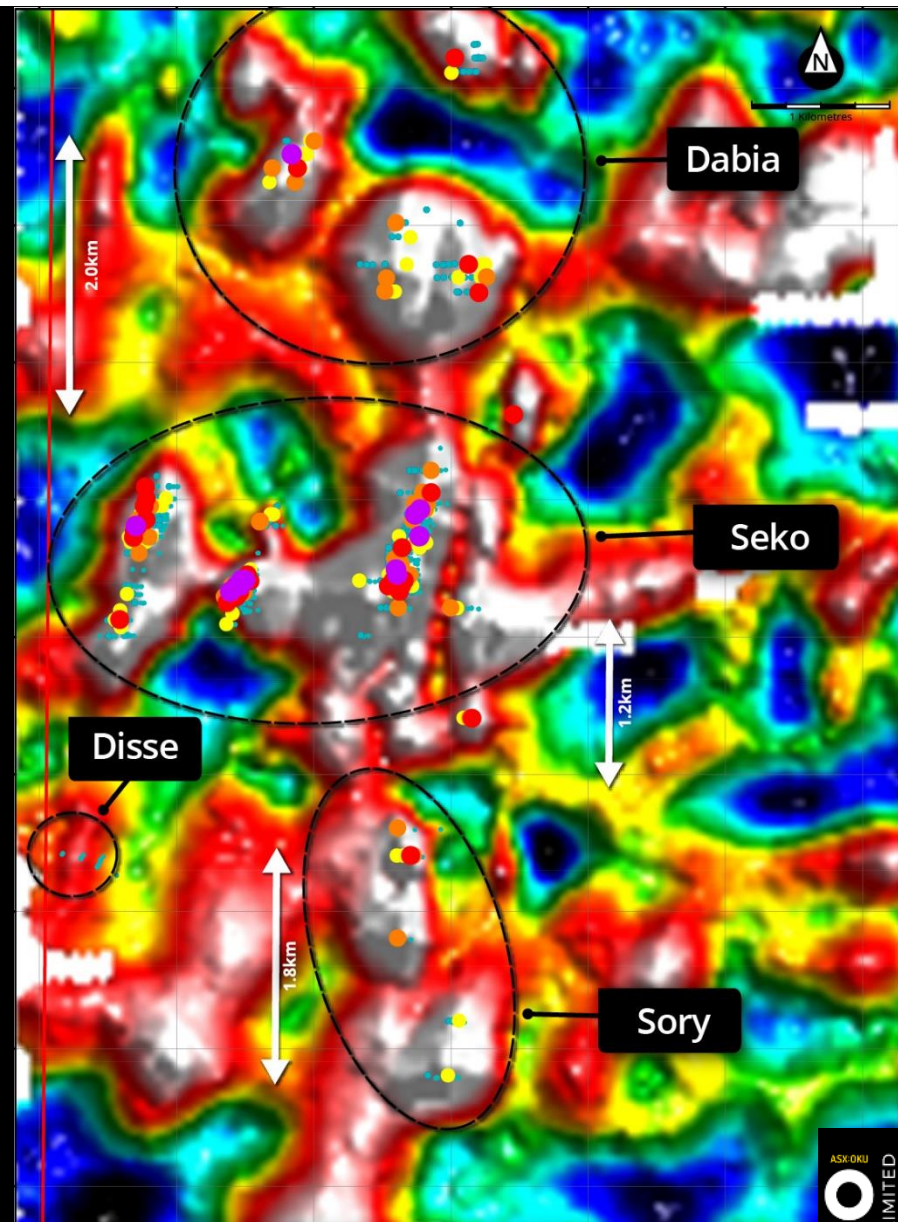
- DD & RC Drill Hole
- AC Hole
- Xm @ Xg/t Previous results (g/t Au)
- Intersection of >2.5g/t Au
- Intersection of >1.0g/t Au
- Intersection of >0.5g/t Au
- Intersection of >0.2g/t Au
- Intersection of <0.2g/t Au
- Aircore and RC gold trend

Intersections are calculated by selecting all material > 0.1g/t Au with 2m of internal dilution and an overall grade of > 1.0g/t.

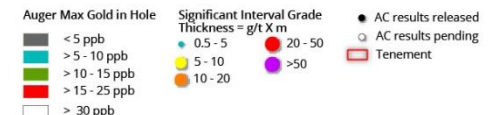
DANDOKO CORRIDOR

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



DANDOKO AND MOUSSALA PROJECTS
 DRILLING RESULTS GRADE THICKNESS OVER AUGER MAX GOLD IN HOLE



180917_V2

DANDOKO PROJECT

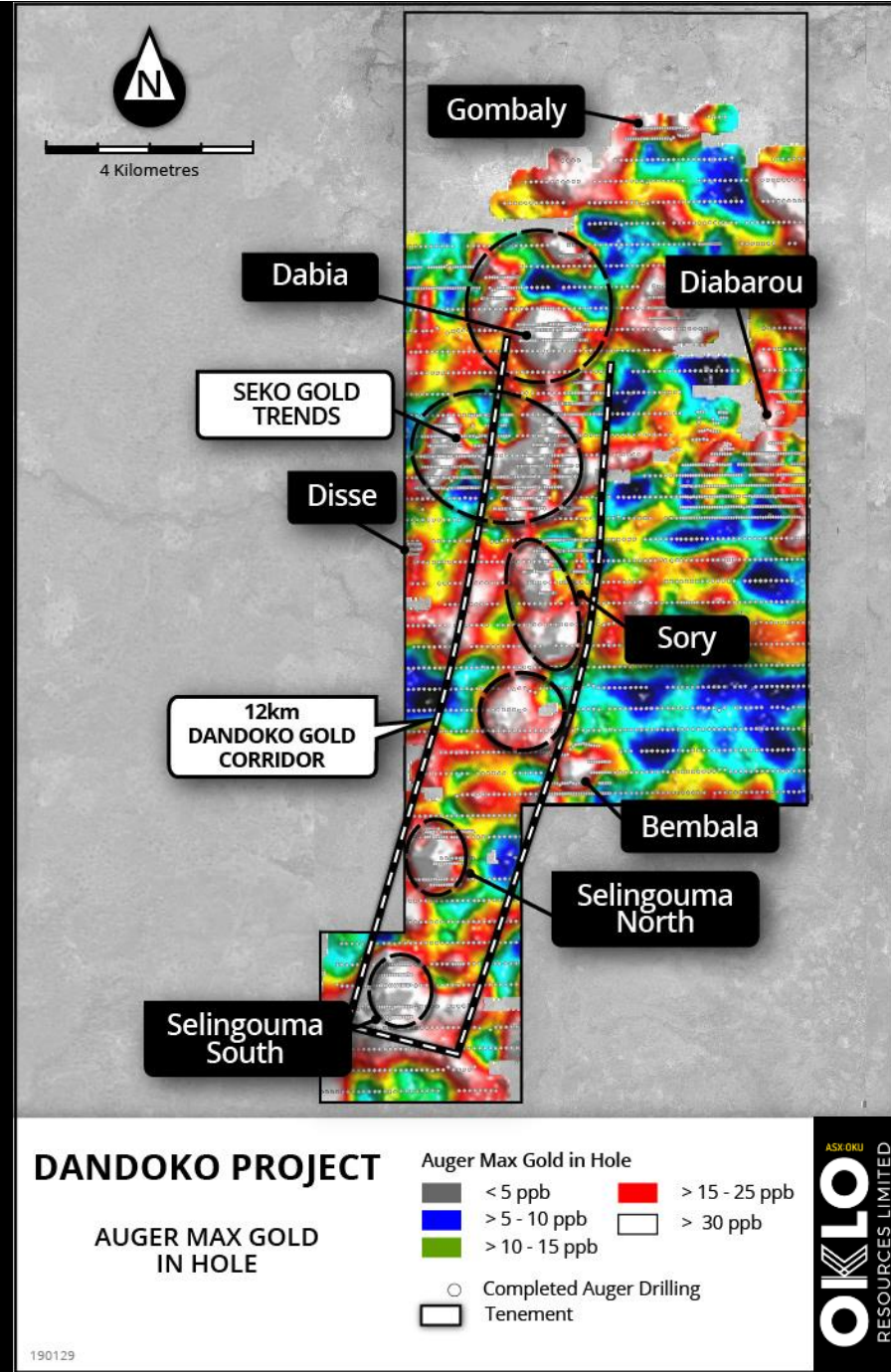
OTHER OPPORTUNITIES

► DISSE

- ▶ **21m @ 5.67g/t** from 33m
- ▶ **13m @ 4.69g/t** from 163m
- ▶ **16m @ 2.3g/t** from 158m

► DIABOROU

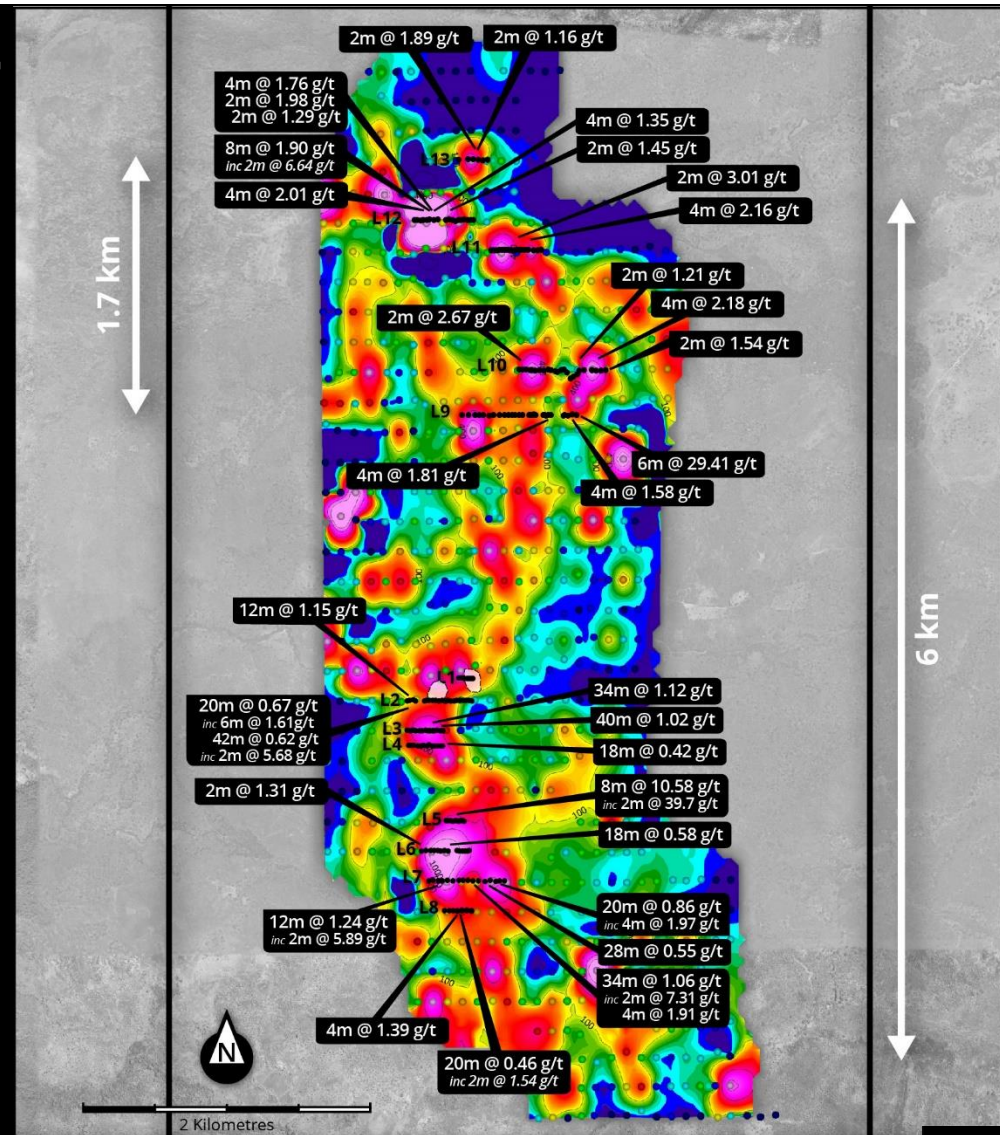
- ▶ **28m @ 3.9g/t** from 88m
- ▶ **6m @ 53.77g/t** from 36m
- ▶ **21m @ 2.0g/t** from 45m



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
- ▶ First shallow AC drilling returned wide zones of gold mineralisation including:
 - ▶ **34m at 1.12 g/t gold** from 2m
 - ▶ **40m at 1.02 g/t gold** from surface
 - ▶ **34m at 1.06 g/t gold** from surface; including
 - 2m at 7.31 g/t gold** from 24m
 - ▶ **8m at 10.58 g/t gold** from 2m; including
 - 2m at 39.7 g/t gold** from 6m
 - ▶ **6m at 29.41 g/t gold** from 2m; including
 - 2m at 77.40 g/t gold** from 6m



KOUROUFING PROJECT

AIRCORE
AUGER MAX GOLD
IN HOLE

AC Drill Holes

- Previous release
- ▭ Tenement
- Artisanal workings
- LX AC Traverse

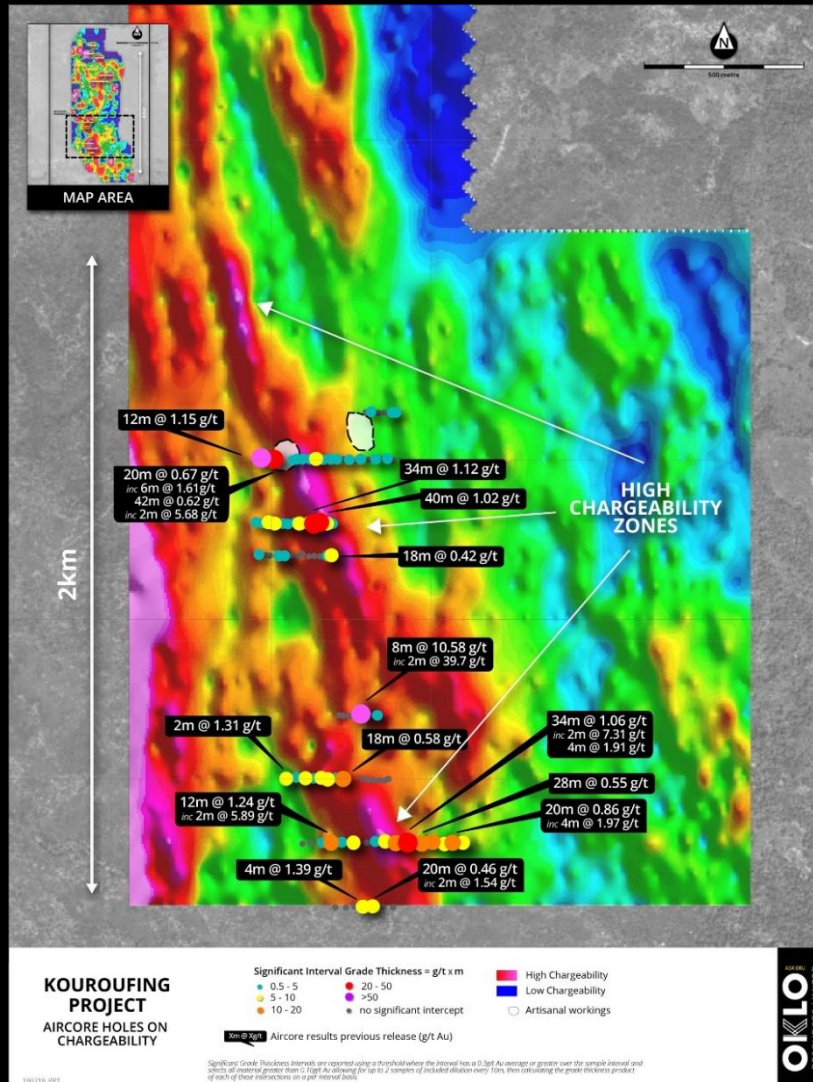
Auger Max Gold in Hole

- 0 - 10 ppb
- 10 - 20 ppb
- 20 - 50 ppb
- 50 - 100 ppb
- 100 - 150 ppb
- 150 - 250 ppb
- 250 - 500 ppb
- >500 ppb

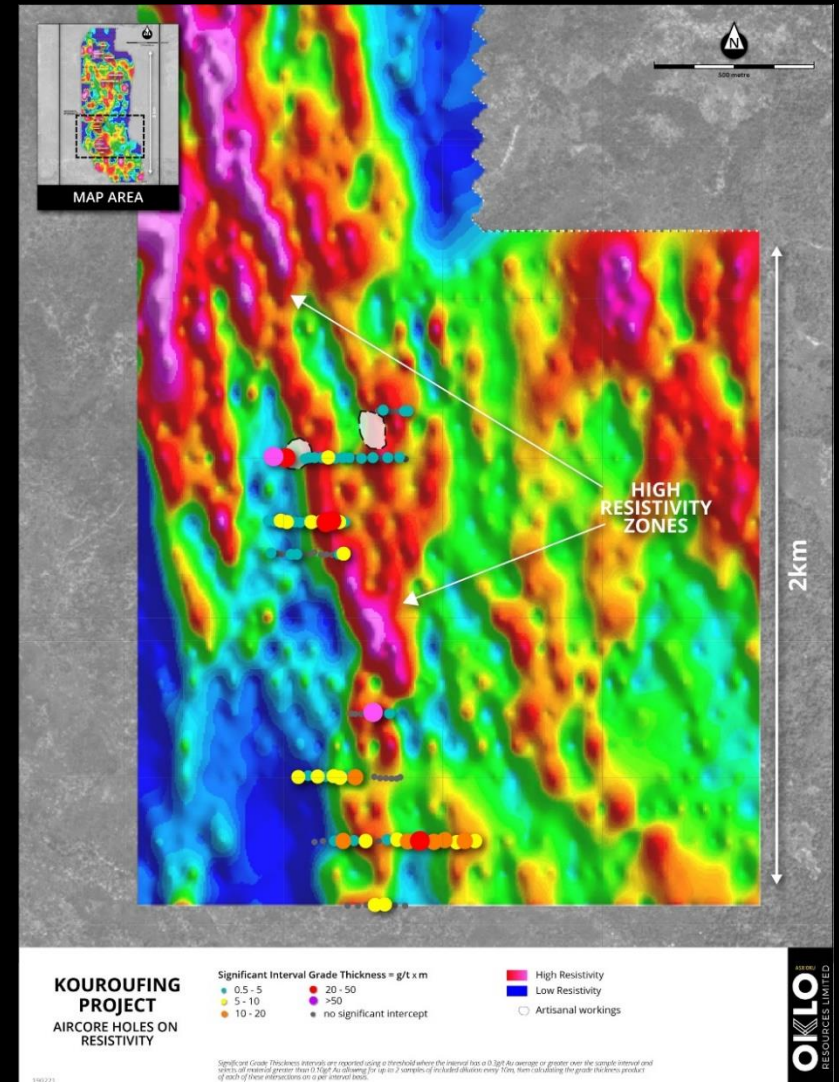
Xm @ Xg/t Results previous release (g/t Au)

KOUROUFING PROJECT

Exciting Drill Targets - Coincident Gold & IP



IP survey showing chargeability



IP survey showing resistivity

2019 DRILLING SEASON UNDERWAY

\$5M BUDGET 69,000M DRILLING

DANAKO PROJECT

SEKO EXTENSION step out drilling chasing volume and grade

SORY AND DABIA first pass RC testing of significant AC results

1,000M

DIAMOND COMPLETED

2,000M

DIAMOND DRILLING

7,000M

RC DRILLING

10,000M

AIRCORE DRILLING

KOUROUFING PROJECT

KOUROUFING testing outstanding 6km gold auger trend

10,000M

AIRCORE COMPLETED

17,000M

AUGER COMPLETED

5,000M

AIRCORE/ RC

500M

DIAMOND DRILLING

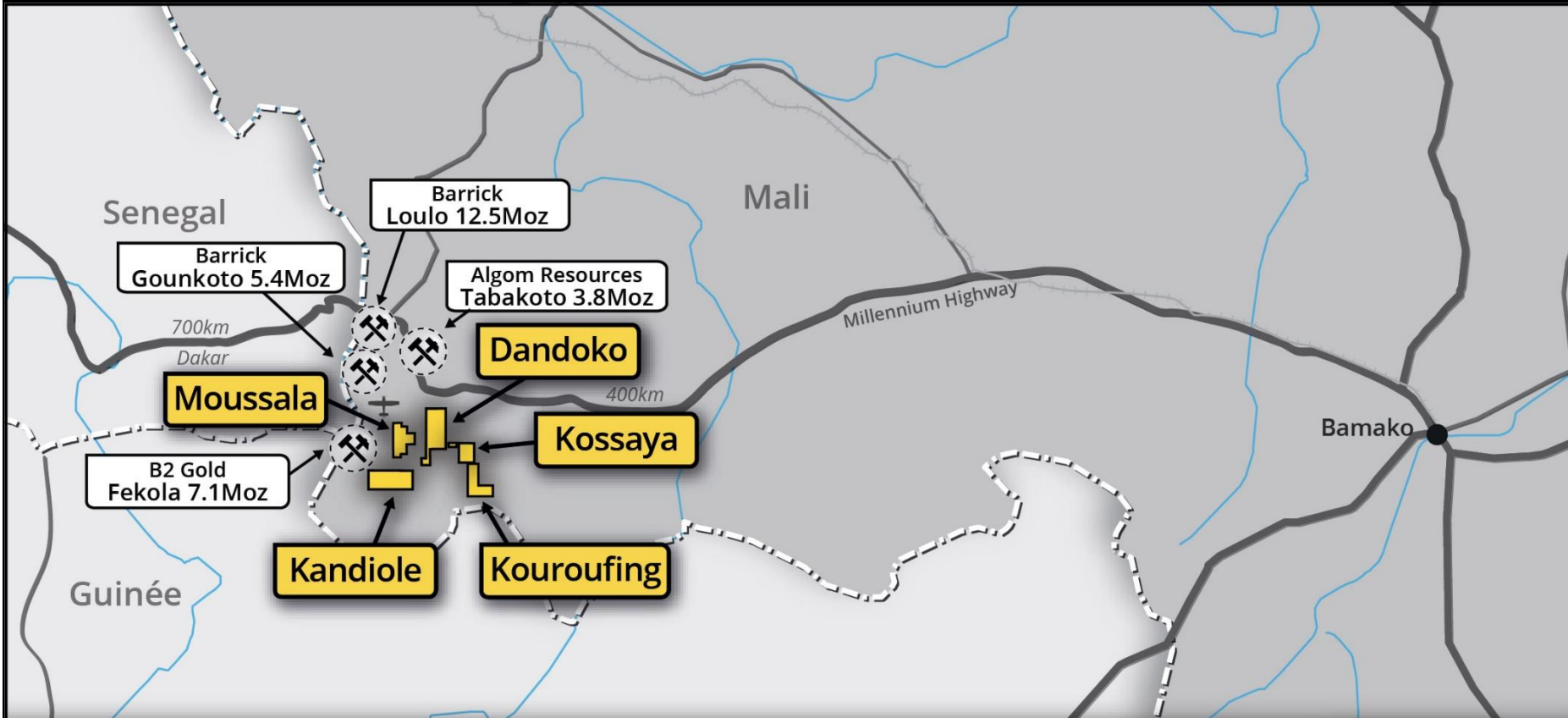
8,000M

AUGER DRILLING

REGIONAL AUGER 9,000M

INFRASTRUCTURE

ESTABLISHED REGION WITH MAJOR MINING OPERATIONS



REGIONAL INFRASTRUCTURE

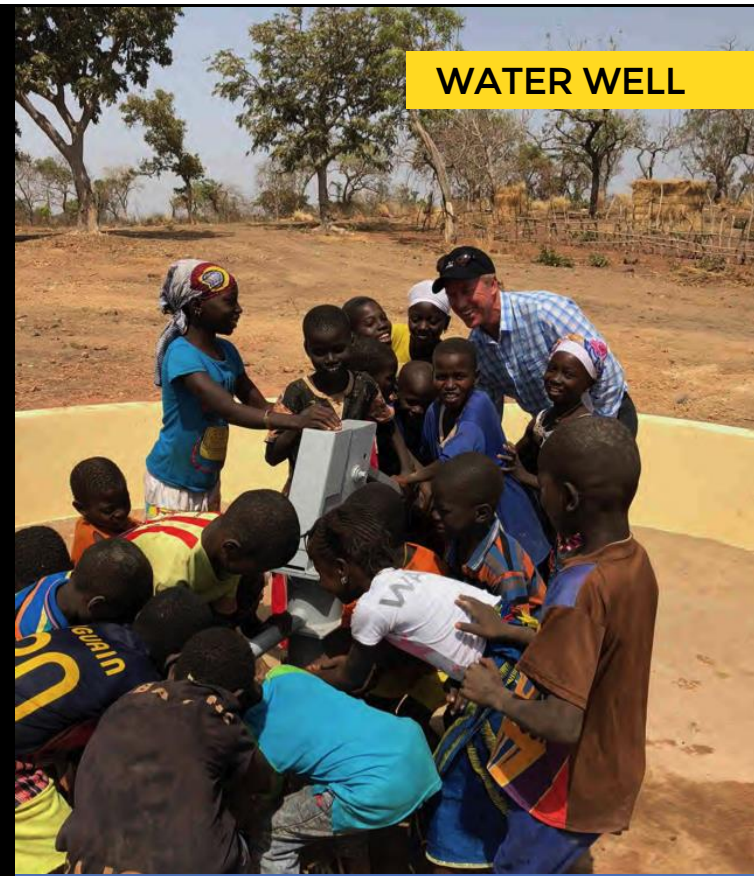
- Gold Mine
- Oklo Projects
- Country Border
- Major Road
- Secondary Road
- River
- Rail
- Kenieba Airport

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



WATER WELL



SOCCER FIELD

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 km² in Mali, West Africa with strong exploration potential.

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





OKLO
RESOURCES LIMITED

ASX:OKU

okloresources.com

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.

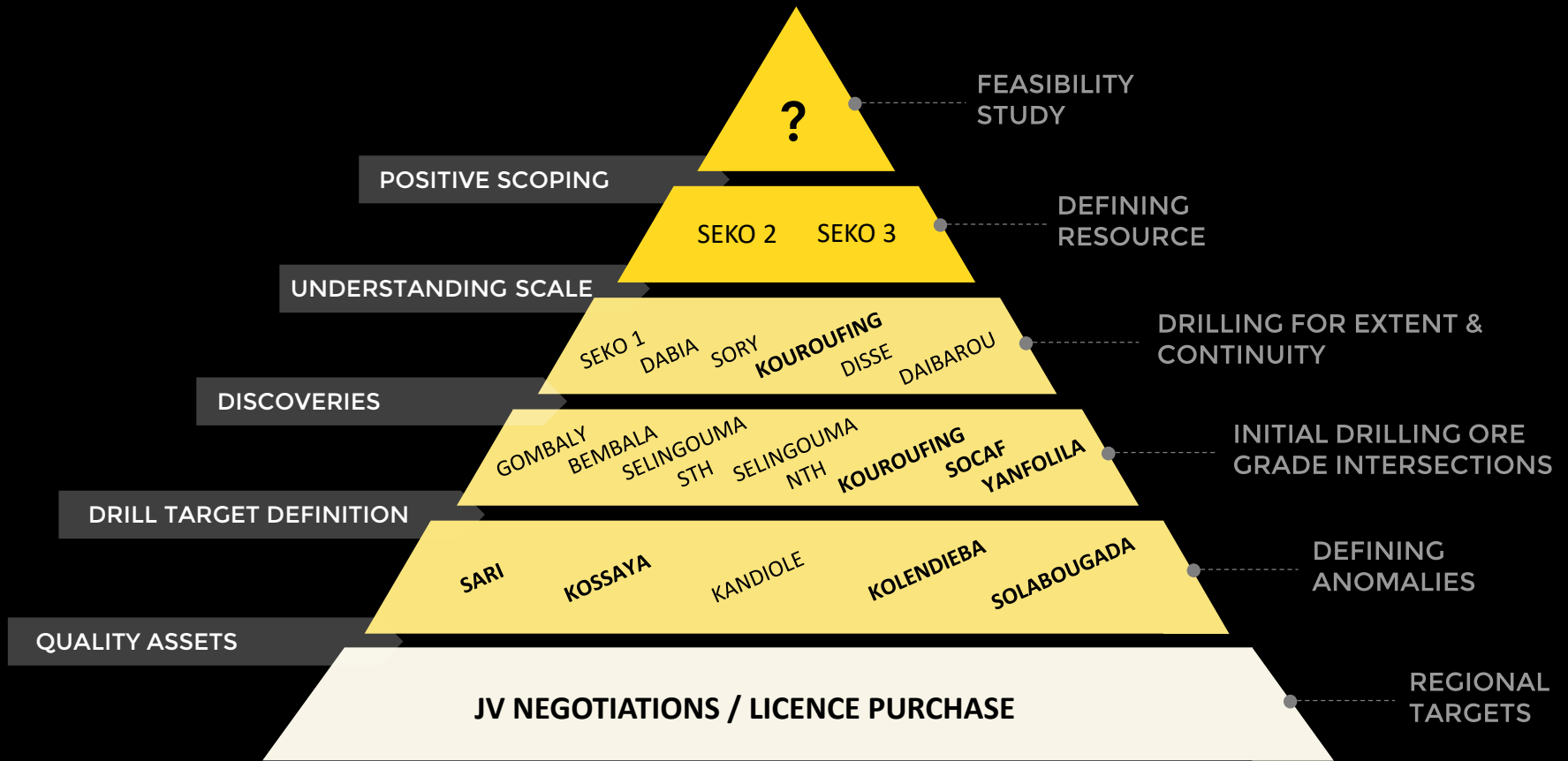
▶ **TREEVE OATES**

SENIOR GEOLOGIST

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

PROJECT DEVELOPMENT PIPELINE

PROCESSING EXPLORATION



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

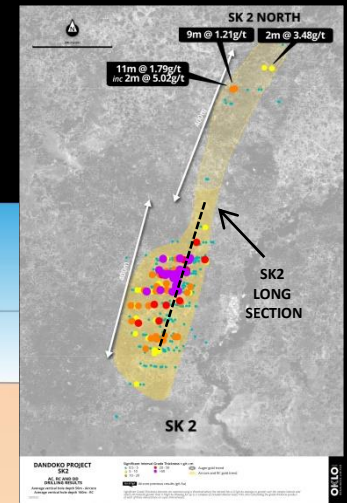
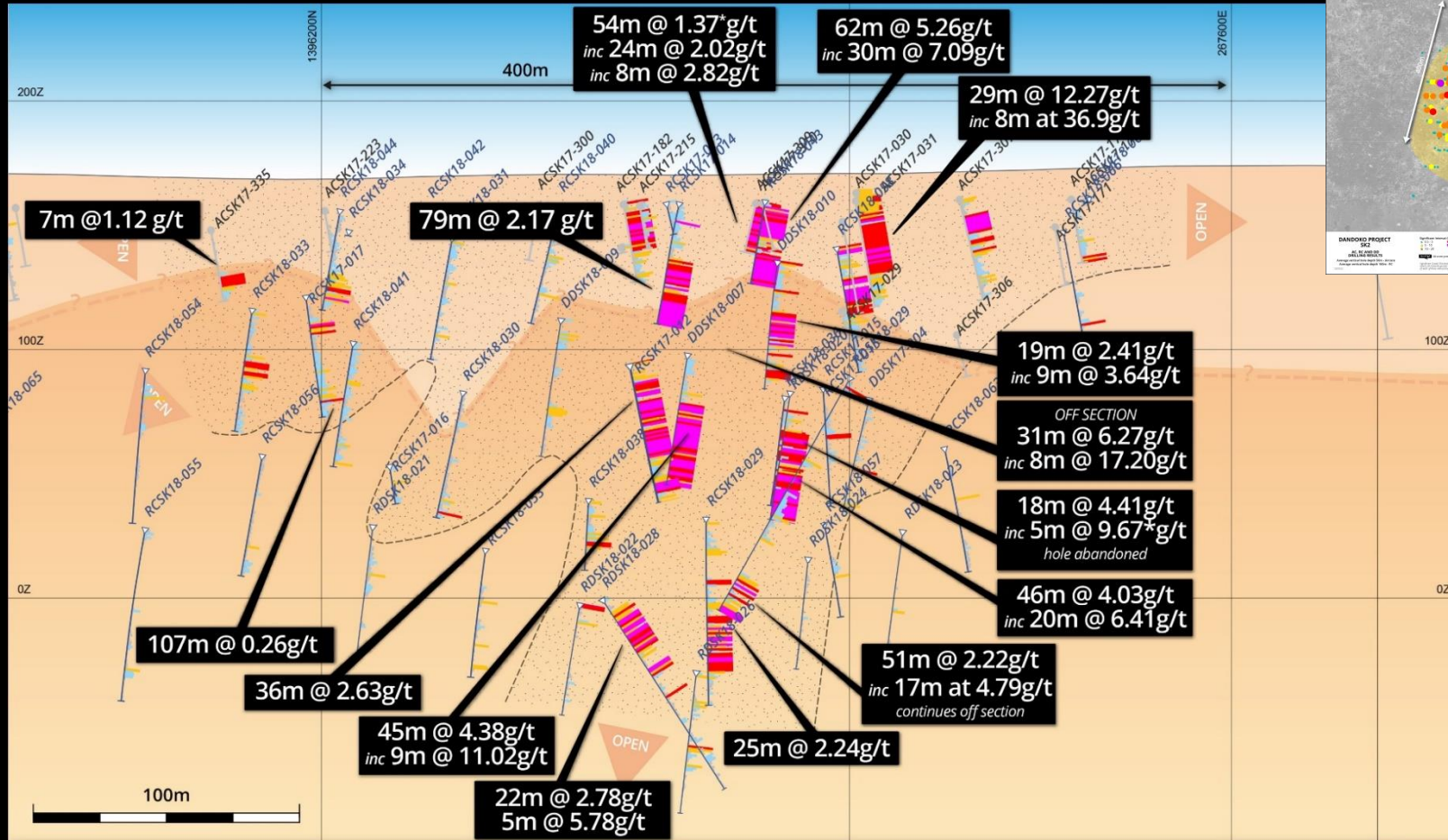
	OXIDE	FRESH	ALL
FIRE ASSAY - GOLD (PPM)	4.03	3.64	3.73
BOTTLE ROLL – GOLD (PPM)	3.96	3.43	3.55
RECOVERY* (leach % of fire assay)	98.2%	94.2%	95.2%

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

HOLE ID	FROM	TO	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

SEKO DISCOVERY SK2

LONG SECTION - 020



DANDOKO PROJECT SEKO LONG SECTION

SK2 - LONG SECTION

180626_V3_N

Hole type

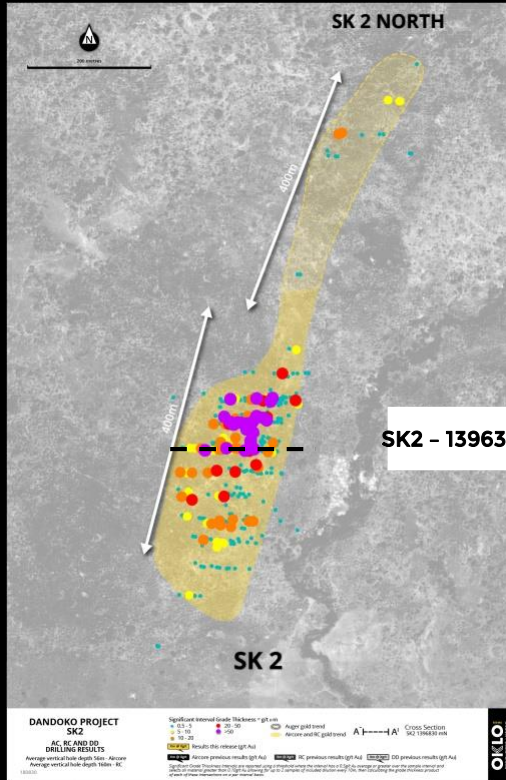
- Aircore
- ◇ Diamond (and inc. RC precollar)
- ▣ Reverse Circulation
- Intersection of >2.5g/t Au
- Intersection of >1.0g/t Au
- Intersection of >0.5g/t Au
- Intersection of >0.2g/t Au
- Intersection of <0.2g/t Au
- Mineralised gold envelope

X Results previously announced g/t Au

Intersections are calculated by selecting all material > 0.1g/t Au with 2m of internal dilution and an overall grade of ≥ 1.0g/t.

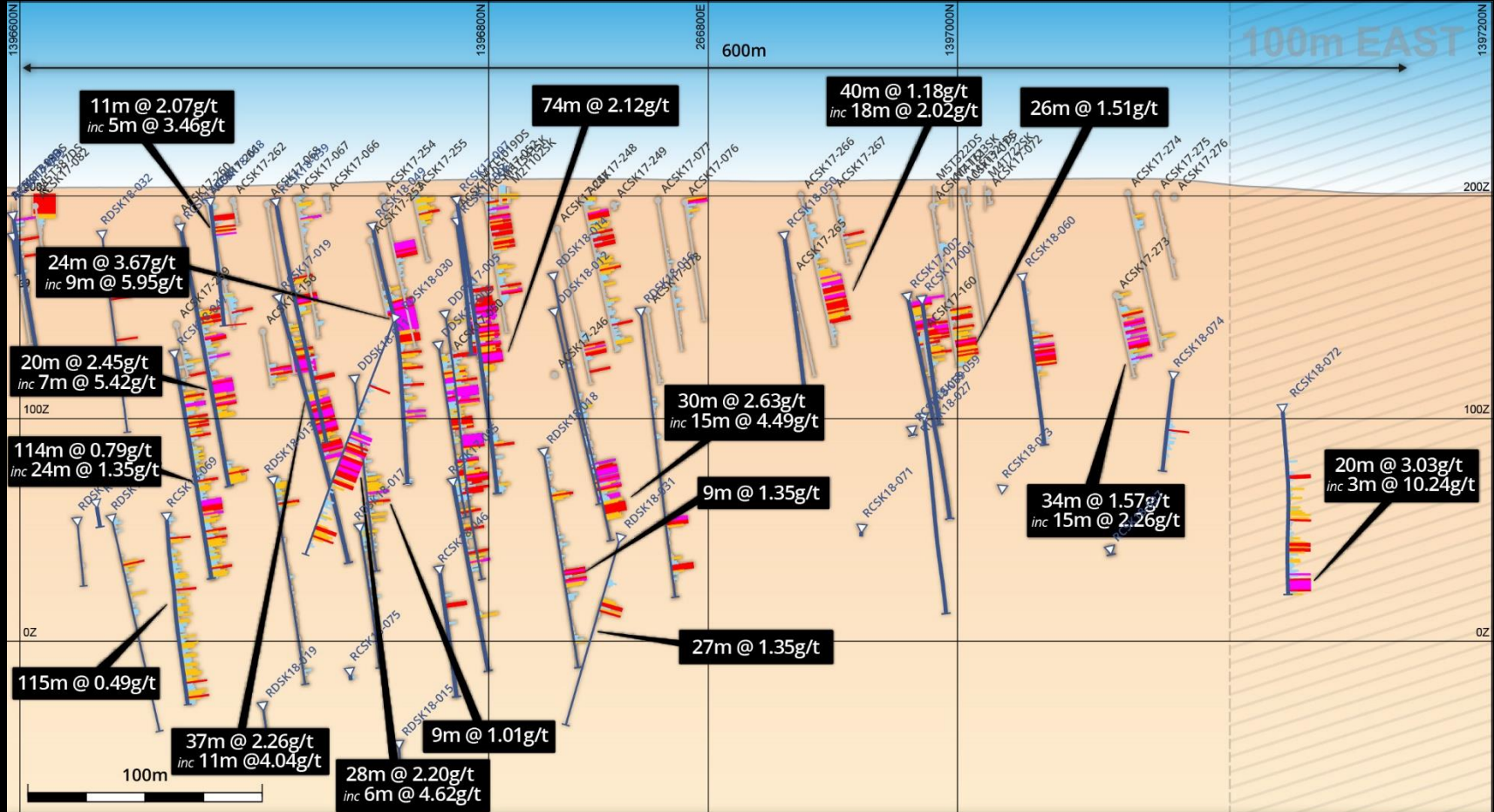
SEKO DISCOVERY SK2

DRILL PLAN - CROSS SECTION - 1396320mN



SEKO DISCOVERY SK3

LONG SECTION - 020N



DANDOKO PROJECT SEKO LONG SECTION

SK3 - LONG SECTION

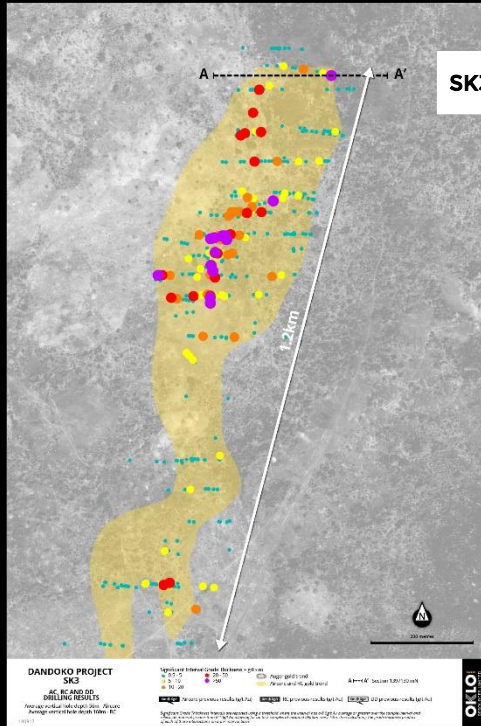
180827_SV

- Hole type**
- Aircore
 - ◊ Diamond (and inc. RC precollar)
 - ▬ Reverse Circulation
 - ▬ Assays pending
- Intersection of >2.5g/t Au
 Intersection of >1.0g/t Au
 Intersection of >0.5g/t Au
 Intersection of >0.2g/t Au
 Intersection of <0.2g/t Au
 Mineralised gold envelope
- x Results previously announced g/t Au

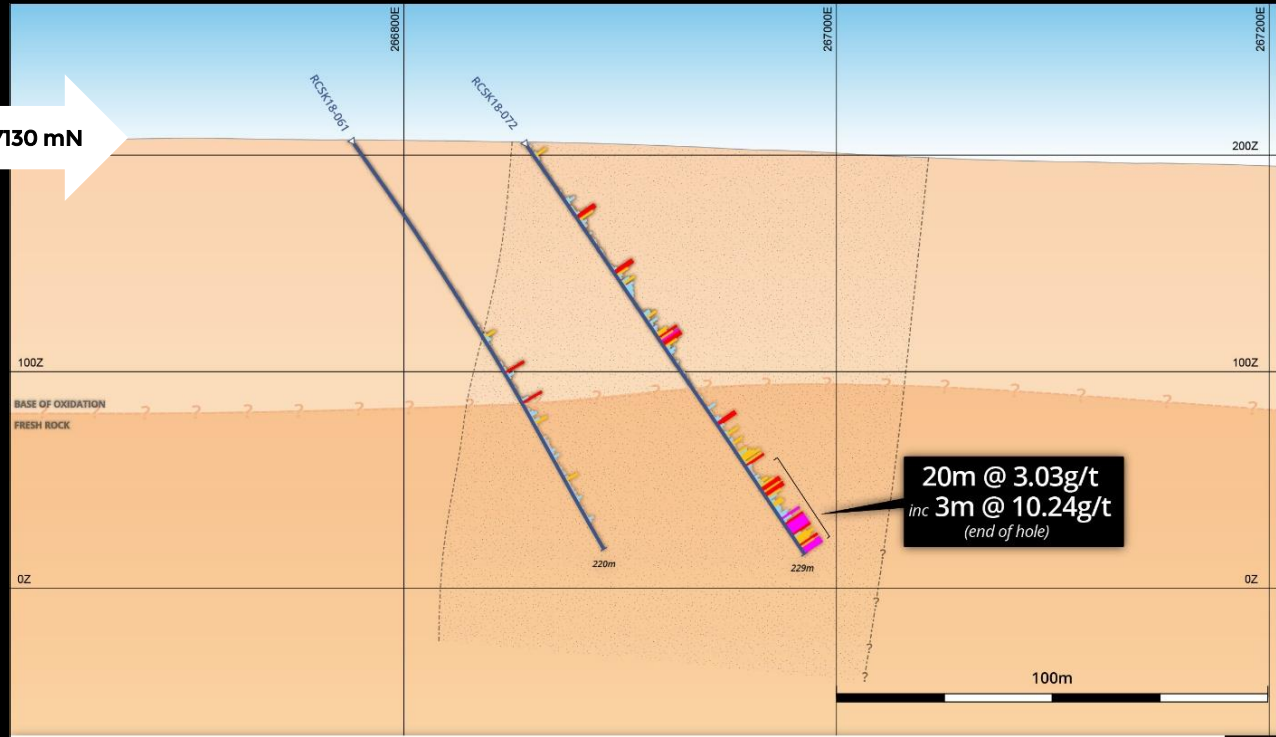
Intersections are calculated by selecting all material $\geq 0.1\text{g/t Au}$ with 2m of internal dilution and an overall grade of $\geq 1.0\text{g/t}$.

SEKO DISCOVERY SK3

DRILL PLAN CROSS SECTION - 1397130mN



SK3 - 1397130 mN



20m @ 3.03g/t
 inc 3m @ 10.24g/t
 (end of hole)

DANDOKO PROJECT SK3 CROSS SECTION

SK3 - 1397130 mN

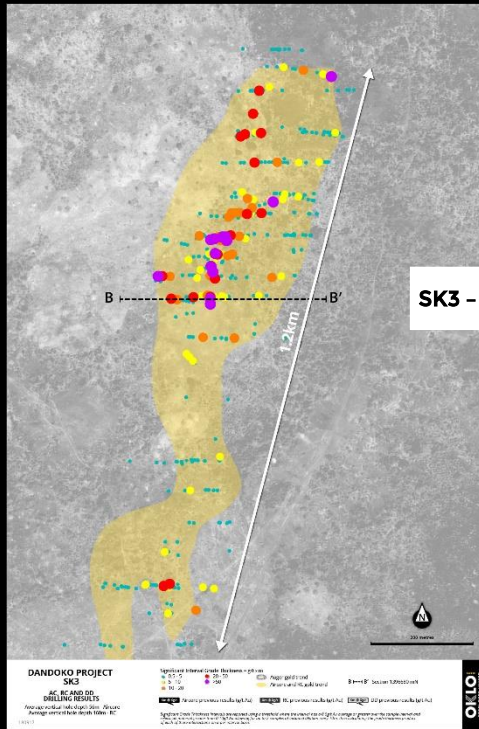
180827_R_SV

- Hole type**
- Aircore
 - ◇ Diamond (and inc. RC precollar)
 - ▬ Reverse Circulation
- Intersection of >2.5g/t Au** (pink)
- Intersection of >1.0g/t Au** (red)
- Intersection of >0.5g/t Au** (yellow)
- Intersection of >0.2g/t Au** (light blue)
- Intersection of <0.2g/t Au** (grey)
- Mineralised gold envelope** (dotted line)
- X** Results previously announced g/t Au
- Intersections are calculated by selecting all material ≥ 0.1 g/t Au with 2m of internal dilution and an overall grade of ≥ 1.0 g/t.

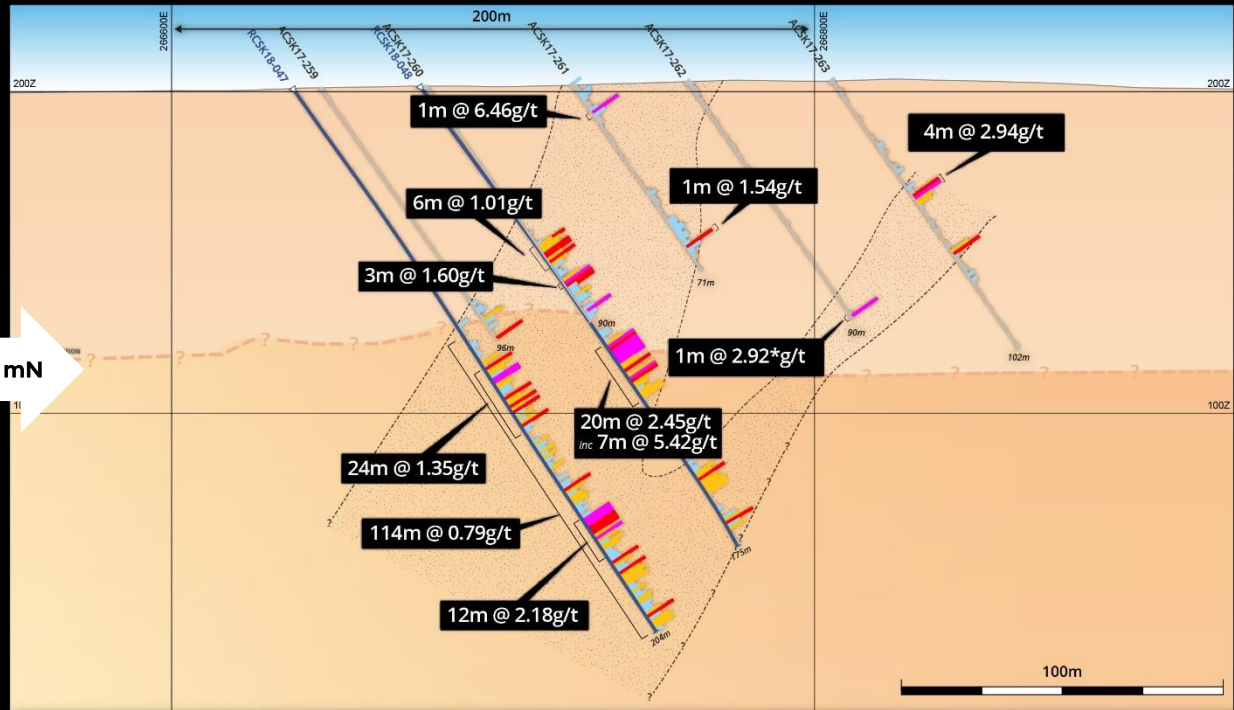
NORTHERN POINT OF SK3
 further drill testing of trend extension

SEKO DISCOVERY SK3

DRILL PLAN CROSS SECTION - 1396680mN



SK3 - 1396680 mN



DANDOKO PROJECT SEKO CROSS SECTION

SK3 - 1396680 mN

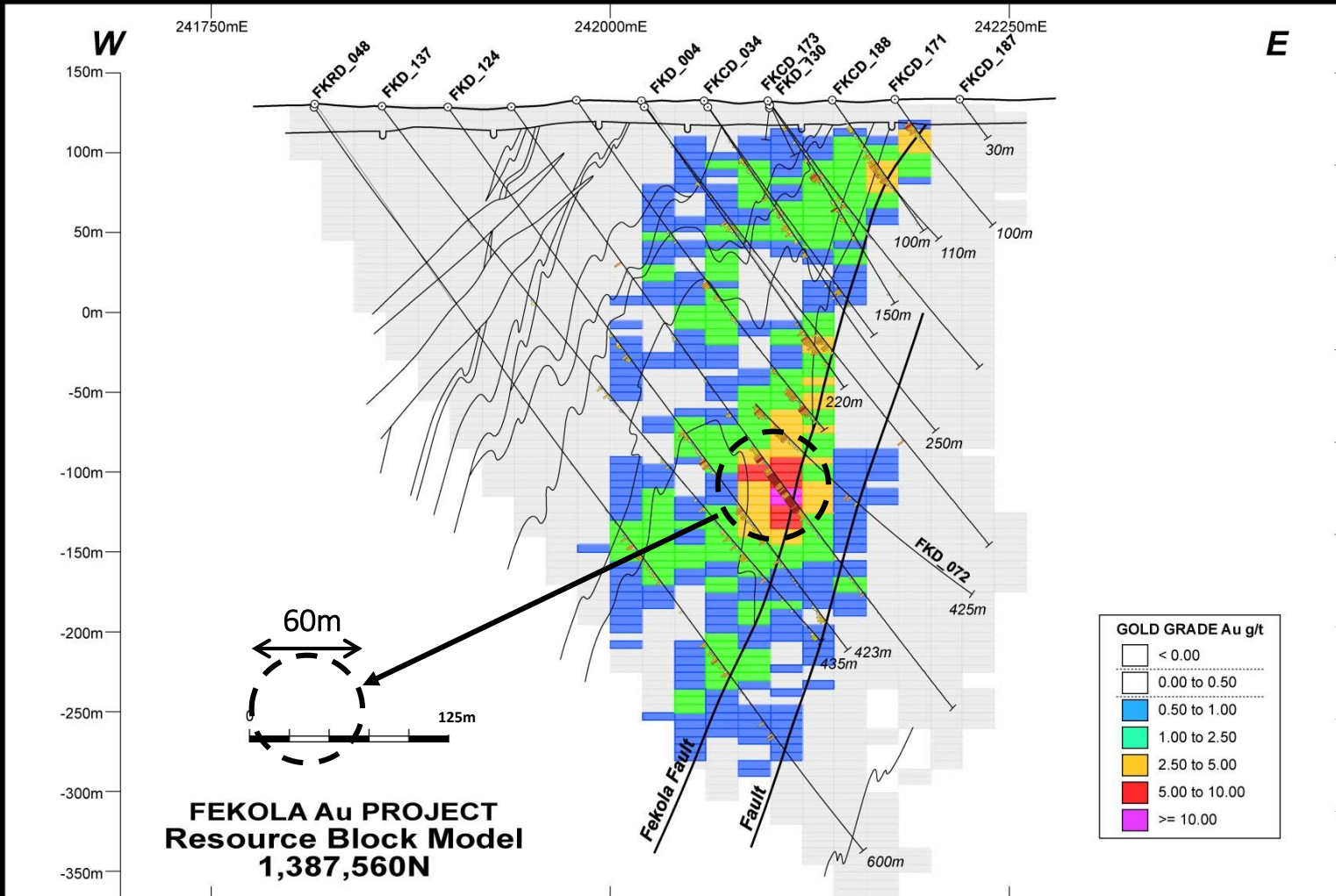
180824_SV

- Hole type**
- Aircore
 - Diamond (and inc. RC precollar)
 - Reverse Circulation
- Intersection of >2.5g/t Au** (Pink)
- Intersection of >1.0g/t Au** (Red)
- Intersection of >0.2g/t Au** (Blue)
- Intersection of <0.2g/t Au** (Grey)
- Intersection of >0.5g/t Au** (Yellow)
- Mineralised gold envelope** (Dashed line)
- X** Results previously announced g/t Au
- Intersections are calculated by selecting all material ≥ 0.1g/t Au with 2m of internal dilution and an overall grade of ≥ 1.0g/t.

SOUTHERN POINT OF SK3
further drill testing of trend extension

SEKO DISCOVERY

ALREADY INDICATIONS FOR HIGH GRADE GOLD FEKOLA STYLE SHOOTS

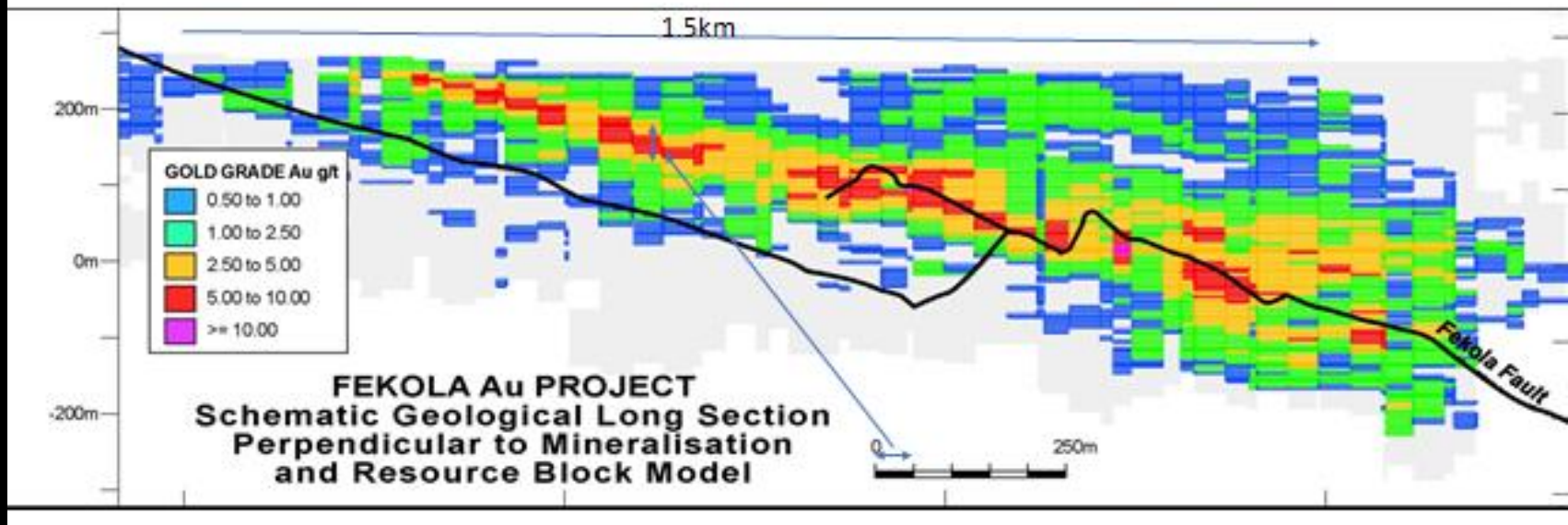


Source - Boyd, Dahl, Dorling 2013. The Fekola Gold Deposit: A new multi-million ounce gold discovery in the Kenieba District of Western Mali. Newgen Gold Conference 2013.

SEKO DISCOVERY

DRILL TEST FOR PLUNGING FEKOLA STYLE SHOOTS

Resource – Longitudinal Section



Source - Boyd, Dahl, Dorling 2013. The Fekola Gold Deposit: A new multi-million ounce gold discovery in the Kenieba District of Western Mali. Newgen Gold Conference 2013.



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