

#### DISCLAIMER

This presentation has been prepared by Oklo Resources Limited ("OKU"). The information contained in this presentation is a professional opinion only and is given in good faith. 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 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, many of which are outside the control of, and may be unknown to, OKU. Actual results and developments may differ materially from those expressed or implied by these forward looking statements depending on a variety of factors. Recipients of this presentation are cautioned to not place undue reliance on such forward looking statements. OKU does not take responsibility 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. OKU does not take responsibility for updating any information or correcting any error or omission which may become apparent after the date of this presentation.

#### **Compliance Statement**

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. The original ASX announcements are 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, 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, 19 February 2019, 6 March 2019, 11 April 2019, 17 April 2019, 27 May 2019, 15 August 2019, 14 Oct 2019, 20 November 2019, 10 December 2019, 17 December 2019, 14 January 2020, 20 January 2020, 29 January 2020, 13 February, 25 February, 24 March, 31 March, 7 April, 29 April, 28 May 2020, 22 July 2020, 27 August 2020, 31 August 2020, 26 October 2020, 9 December 2020, 17 December 2020, 18 January 2021, 4 March 2021, 22 April 2021, 17 May 2021, 24 May 2021 and 1 June 2021. The Company confirms it is not aware of any new information or data that materially affects the information included in any original ASX market announcement.

This presentation contains information relating to a Mineral Resource extracted from the Company's ASX market announcement dated 30 March 2021 'Oklo Delivers Robust Initial Mineral Resource Estimate for Dandoko', containing the competent person consent of Mr Malcolm Titley, an employee of the independent consulting company Maja Mining Limited, reported previously in accordance with the JORC Code (2012) and available for viewing at www.okloresources.com. Oklo Resources confirms that it is not aware of any new information or data that materially affects the information included in the original ASX market announcement and that all material assumptions and technical parameters underpinning the estimates in the original market announcement continue to apply and have not materially changed.

The information in this announcement 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 Andrew Boyd, who is a member of the Australian Institute of Geoscientists. Mr Boyd, who is employed by Cairn Consulting Limited, is on a retainer to fulfil the role of the General Manager – Exploration of Oklo Resources Limited, and holds securities in the Company. Mr Boyd 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 Boyd consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.



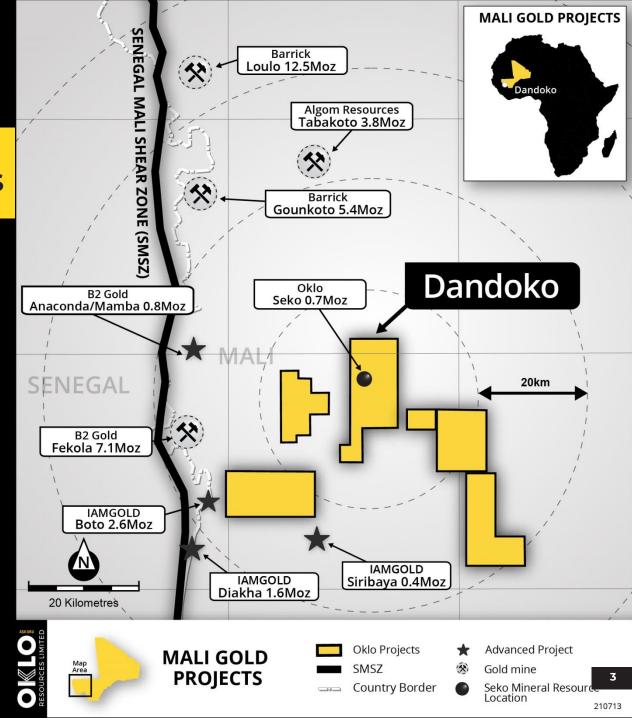
## **GOLDEN FOOTPRINT**

A LARGE GOLD SYSTEM

HIGH GRADE GOLD RESOURCE CLOSE TO GIANTS INCLUDING FEKOLA & OTHER TIER 1 OPERATIONS

- ► Solid foundation set with high grade **Robust Interim Resource** (JORC 2012) at Dandoko
- Numerous near-term Resource Growth opportunities through fully funded expansion drilling
- Resource unlocks value-accretive milestones with internal Scoping and other Studies underway
- Experienced west African team
- ► Large (500km²) underexplored landholding





## STRONG FOUNDATION

#### **CORPORATE OVERVIE**

PITAL

PRICE SHARE

BOARD

**A\$63.0M** 

MKT CAP AT A\$0.125/SHARE ~A\$11.1M

CASH BALANCE (JUNE 2021)

504.0M

**SHARES ON ISSUE** 

**18.3M** PERFORMANCE RIGHTS (ZEPOs)



SHAREHOLDERS **BLACKROCK GROUP** 

RESOLUTE MINING LTD 10.8%

**RUFFER LLP** 9.7%

**CAPRICORN GROUP** 5.1%

**DIRECTORS & MANAGEMENT** 3.3%

WESTOZ FUNDS MANAGEMENT 3.2%

**TOP 20 SHAREHOLDERS** 

#### **MARK CONNELLY**

#### **NON-EXECUTIVE CHAIRMAN**

Seasoned financial and commercial executive with extensive resource industry experience across multiple jurisdictions. Track record for deal making in Africa includes merger of Papillon Resources with B2Gold in 2014 and Adamus with Endeavour Mining in 2011.

#### **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**

O

#### **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**

#### **GM - EXPLORATION**

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

11.0%

## **DANDOKO PROJECT** WEST AFRICA'S NEWEST GOLD RESOURCE

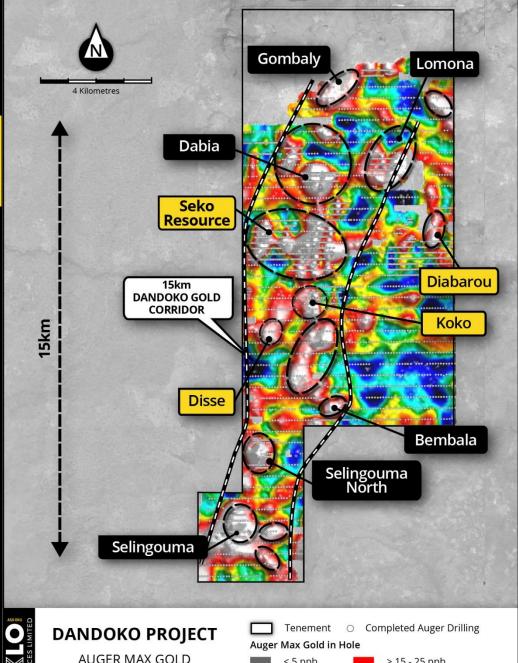
### A HIGH GRADE, ROBUST, MAIDEN MINERAL **RESOURCE ESTIMATE (MRE)**

JORC 2012 Classification	Tons (Mt)	Gold grade (g/t)	Gold (kOz)
MEASURED	5.57	2.09	374.2
INDICATED	3.13	1.52	153.5
INFERRED	2.63	1.67	140.9
TOTAL	11.34	1.83	668.5

- Excellent grades, amenable to open cut mining
- Robust MRE constrained within optimised pit shells<sup>1</sup>
- 56% of the contained ounces reporting to the Measured category and 23% to the Indicated category
- 65% soft oxide mineralisation
- Multiple near term, high grade growth opportunities



1. Open pit optimisations included an overall allowance of 10% for dilution and 7% for ore loss, and were undertaken using appropriate Malian royalties and taxes, metallurgical recovery data, mining, production, and environmental costs from nearby producing mines and utilising a low pit wall angle of 380 within the deep oxide profile observed and a 500 slope in fresh rock. Based on the preliminary optimisation work, a lower cut-off grade of 0.3g/t Au within a US\$2,000/oz cut off shell provides a positive NPV indicating a reasonable prospect for eventual economic extraction. Refer ASX announcement dated 30 March 2021



AUGER MAX GOLD IN HOLE DRILLING TARGETS > 15 - 25 ppb

> 10 - 15 ppb

## DANDOKO MINERAL RESOURCE

#### ROBUST, HIGH-GRADE RESOURCE AT VARIOUS CUT OFFS AND US\$ GOLD PRICES

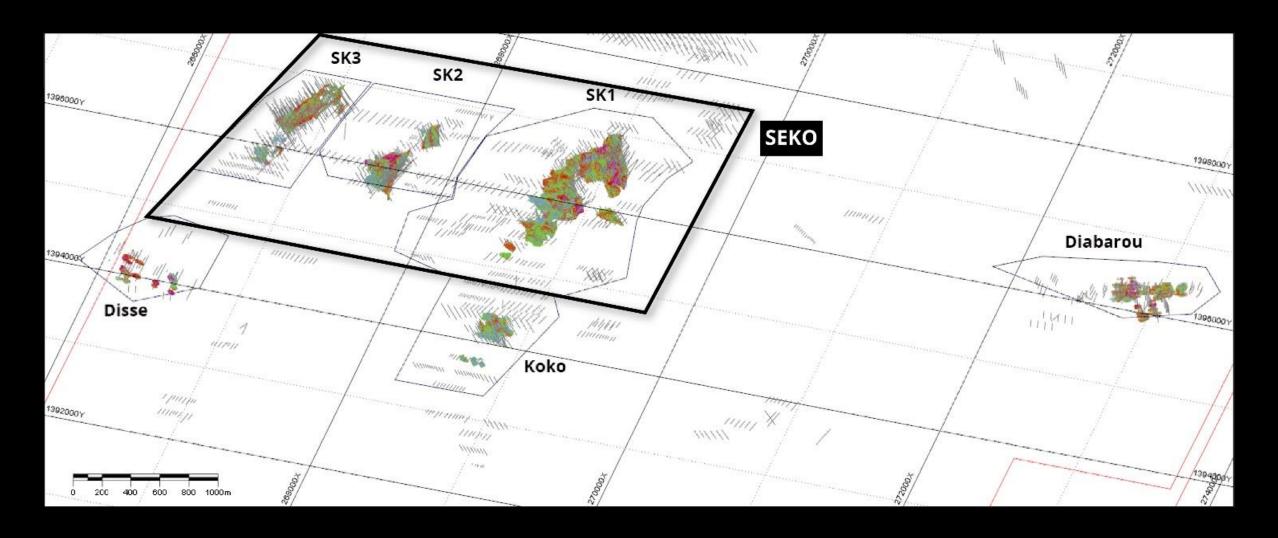
DANDOKO MRE - GRADE AND TONNAGE TABLE							
Cut-off grade (g/t)	Tons (Mt)	Gold (kOz)					
2.0	3.11	4.08	407.7				
1.8	3.52	3.83	432.8				
1.6	4.03	3.56	460.6				
1.4	4.72	3.25	494.1				
1.2	5.59	2.95	530.2				
1.0	6.67	2.65	568.1				
0.7	8.80	2.21	626.1				
0.5	10.28	7.98	654.7				
0.3	11.34	1.83	668.5				

SEKO PITS ONLY - CONSTRAINED WITH VARYING GOLD PRICES							
Gold Price (US\$ / Oz)	Gold (kOz)	Gold grade (g/t)	Strip ratio	% change			
1,250	475.1	1.97	5.9	-22%			
1,500	557.0	1.84	7.1	-8%			
1,750	582.5	1.78	7.3	-4%			
2,000	606.5	1.74	7.8	Base			
2,250	621.7	1.77	8.0	2%			



## DANDOKO MINERAL RESOURCE

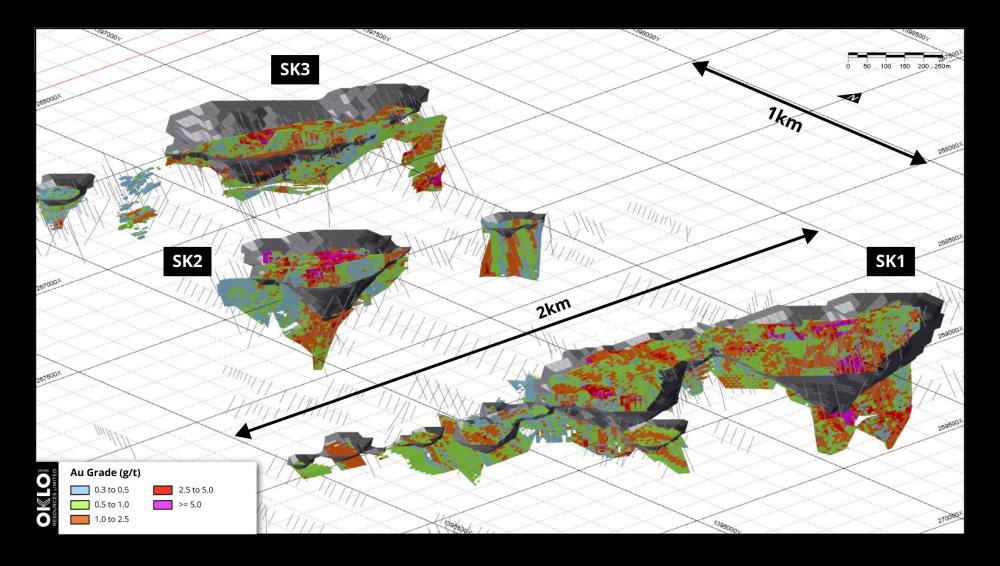
#### **COMBINED RESOURCE – SIMPLE MINING METHOD – OPEN CUT**





## **DANDOKO MINERAL RESOURCE – SEKO**

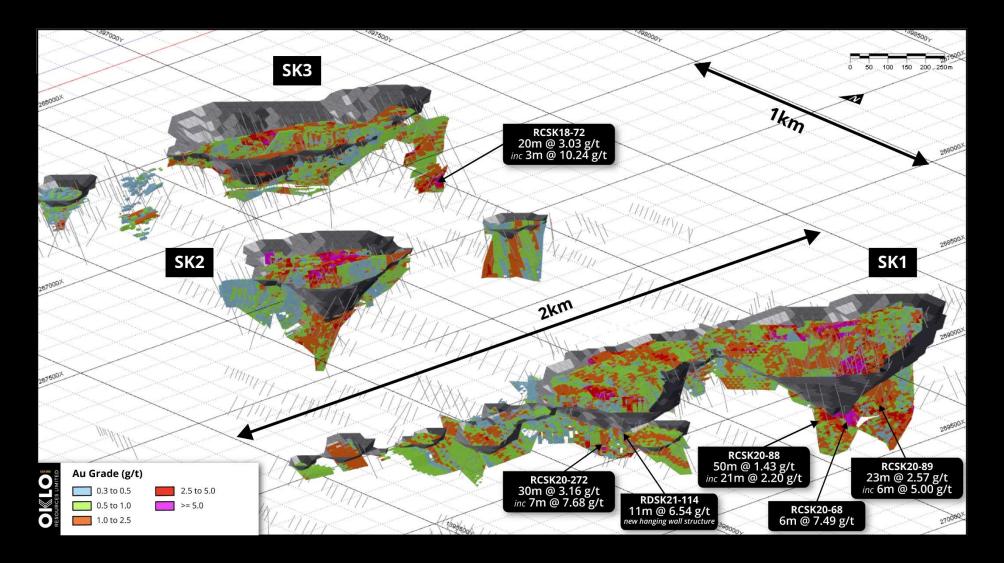
#### 91% OF MINERAL RESOURCE FROM SK1-3 – LARGE OXIDE COMPONENT FROM SURFACE





## DANDOKO MINERAL RESOURCE – GROWTH POTENTIAL

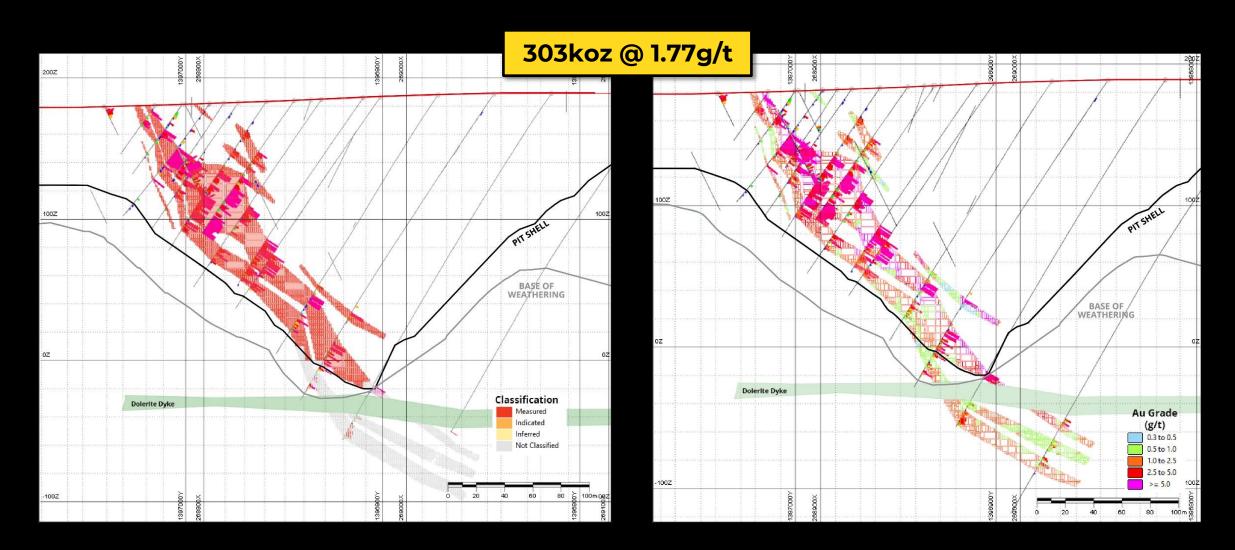
#### **EXPANSIONS ALONG STRIKE AND AT DEPTH OUTSIDE OF CURRENT PIT OUTLINE**





## **DANDOKO MINERAL RESOURCE – SEKO SKI**

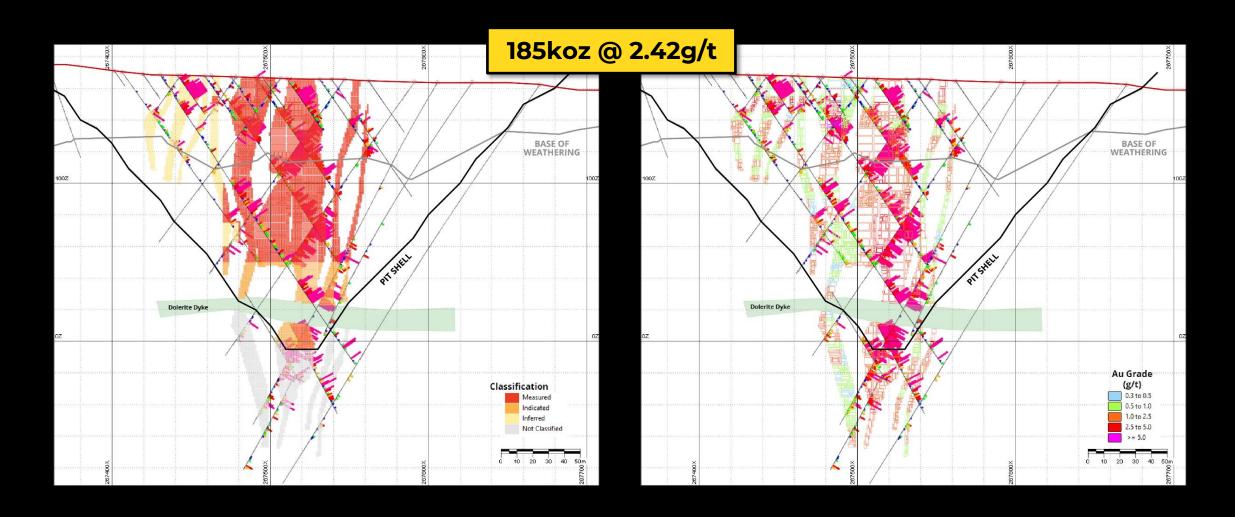
### HIGH CONFIDENCE RESOURCE CLASSIFICATION, POTENTIAL HIGH-GRADE STARTER PIT





## **DANDOKO MINERAL RESOURCE – SEKO SK2**

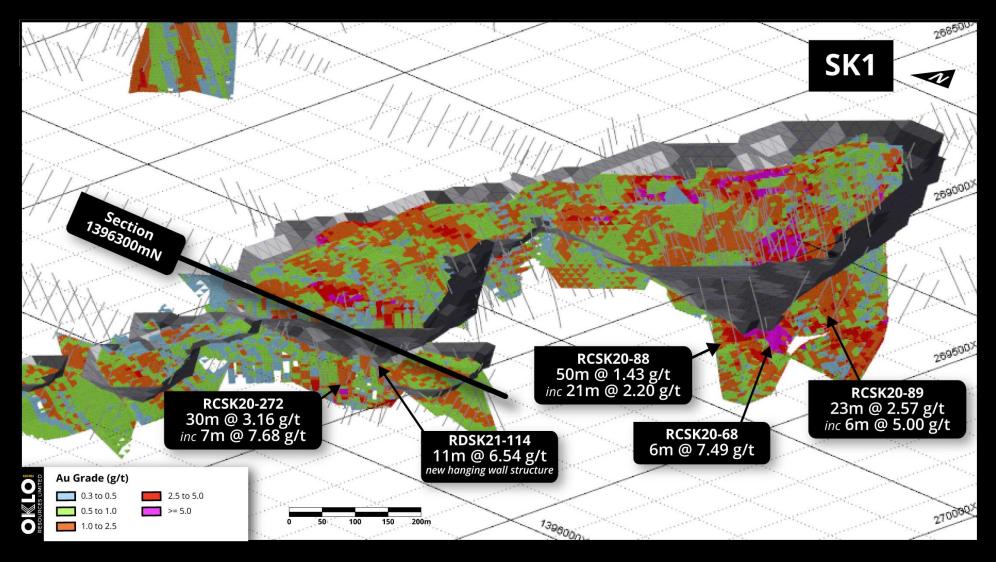
#### HIGH CONFIDENCE RESOURCE CLASSIFICATION, POTENTIAL HIGH-GRADE STARTER PIT





## **DANDOKO MINERAL RESOURCE – GROWTH POTENTIAL**

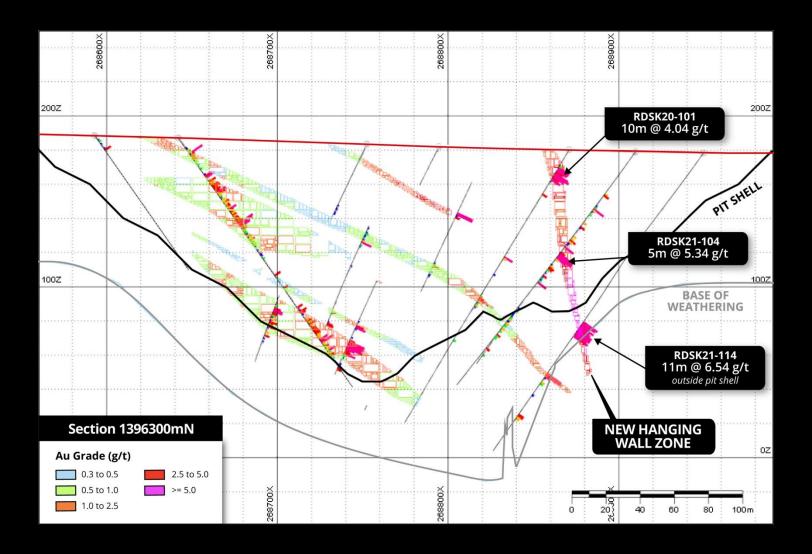
#### SK1: IMMEDIATE OPPORTUNITY FOR ADDITIONAL OXIDE & FRESH ROCK FEEDER ZONES





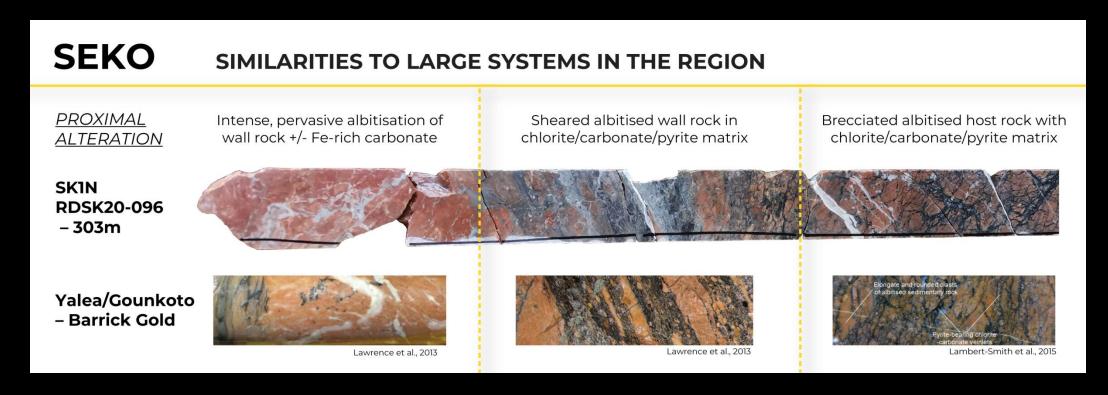
## DANDOKO MINERAL RESOURCE – GROWTH POTENTIAL

#### SKI: NEW HIGH GRADE HANGING WALL STRUCTURE – EXTENSION OUTSIDE CURRENT MRE





## SEKO SIMILARITIES TO THE LARGE SYSTEMS IN THE REGION



- ► The alteration is characterised by albite-sericite-carbonate-silica-pyrite assemblage within turbiditic greywacke
- ▶ Similar to the other large gold systems in the region, including B2 Gold's Fekola deposit 30km to the west and the Yalea/Gounkoto deposits within Barrick Gold's 18Moz Loulo / Gounkoto complex located ~50km to the northwest



References

## METALLURGICAL TESTWORK PROGRAM

#### STRAIGHT FORWARD, NON-REFRACTORY CHARACTERISTICS

- Likely processing route incorporating a simple, industry standard cyanide leach circuit
- Encouraging leach kinetics and rapid leach times
- ► Oxide mineralisation amenable to gravity concentration
- Ball mill work indices comparable to other operations in the region
- ► Moderate bond abrasion index for oxide and fresh mineralisation

SEKO	CYANIDE LEACH RECOVERIES (%)			(%) FLOTATION RECOVERIES		
	OXIDE	TRANS.	FRESH	OXIDE	TRANS.	FRESH
SK1	97.4%	81.4%	N/A	N/A	96.6%	N/A
SK2	94.1%	84.7%	88.0%	N/A	95.3%	91.3%

	SEKO MRE WEATHERING PROFILES BY DEPOSIT								
Oz gold	SK1	SK2	SK3	OTHER	TOTAL	%			
OXIDE	293.6	54.4	32.4	54.5	434.9	<b>65.7</b> %			
TRANS	8.7	43.8	30.5	1.0	83.8	12.7%			
FRESH	0.5	86.4	56.3	6.6	149.8	21.6%			
TOTAL	302.8	184.5	119.2	62.0	668.5				



## **DANDOKO PROJECT**

#### **UNDEREXPLORED 15KM GOLD CORRIDOR**

GROWING THE RESOURCE
SIGNIFICANT TARGETS TO BE TESTED

#### LIMITED SHALLOW DRILLING TO DATE

- Over 83% of drilling <100m</p>
  - ▶ 11% tested between 100m -150m
  - ► 6% tested below 150m

#### **SELINGOUMA**

**12m @ 2.41 g/t** from surface

incl. 3m @ 6.39 g/t

**12m @ 1.21g/t** from 2m

6m @ 2.85g/t from 72m

**4m @ 4.07g/t** from 74m

#### **LOMONA**

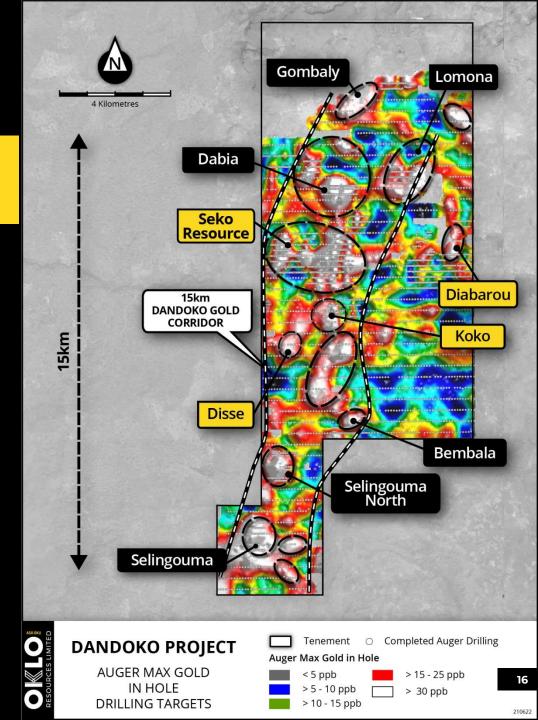
**2m @ 15.8g/t gold** from 14m

**2m @ 5.42g/t gold** from 10m

#### **OTHERS**

Auger **geochem** and **IP** targets





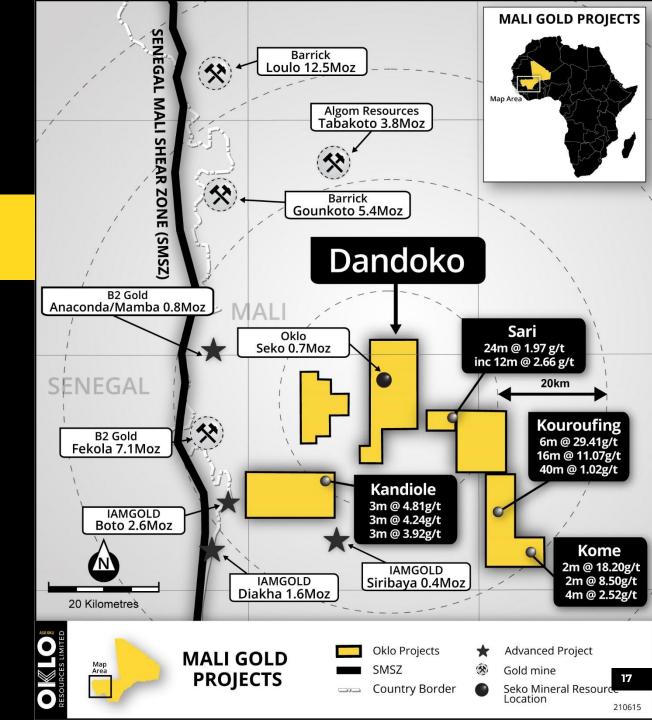
# LARGE PROJECT PORTFOLIO – 500km<sup>2</sup>

**MULTI-MILLION OUNCE REGION** 

## GROWING THE RESOURCE SIMILARITIES TO LARGE SYSTEMS

- ▶ 100% owned projects
- Satellite projects in trucking distance to Seko including:
  - Sari
  - Kandiole
  - Kouroufing
- 2,000m AC drilling completed at Sari
   assay's pending

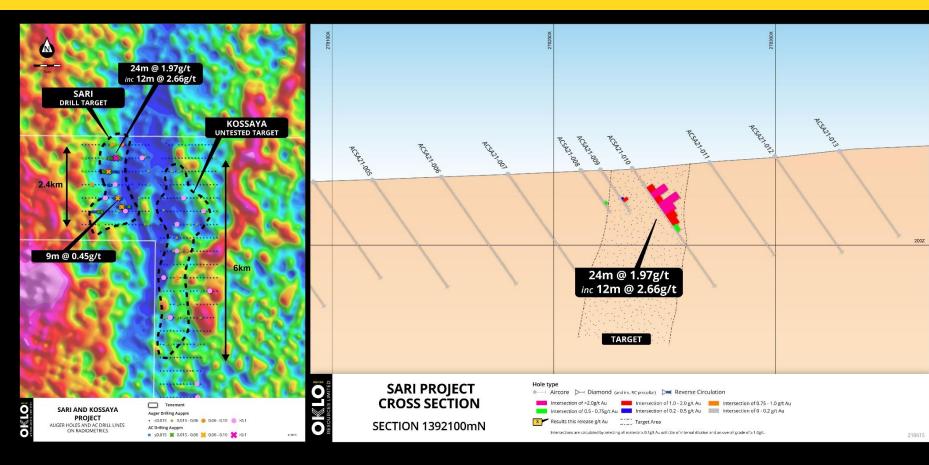




## **SARI PROJECT**

#### POTENTIAL NEW GOLD DISCOVERY LOCATED 10KM FROM SEKO MINERAL RESOURCE

- ► First drilling intersected a wide zone of near surface gold, returning:
  - 24m at 1.97g/t goldfrom 12m including12m at 2.66g/t gold.
- Target associated with a prominent radiometric feature within an interpreted and unexplored intrusive.
- Further 2,000m (39holes) step out drill program completed - assay's pending

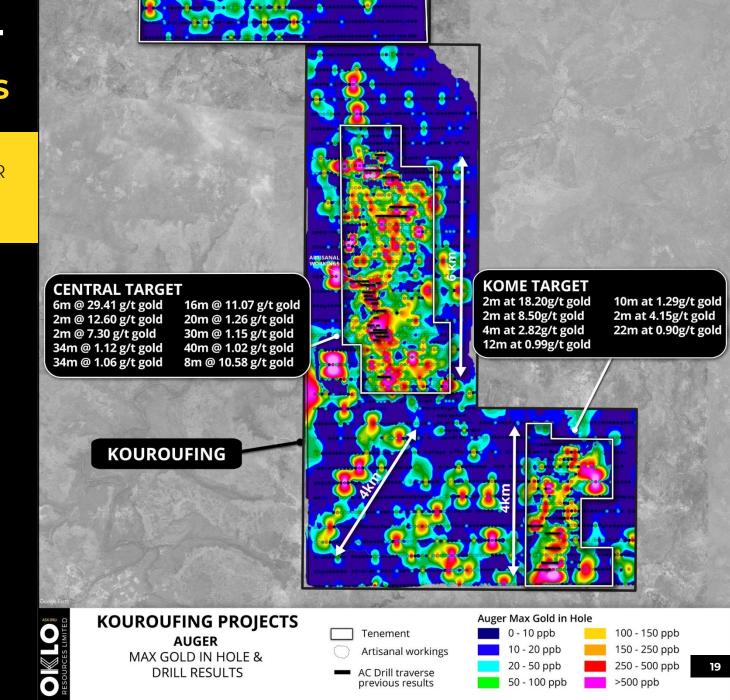




# KOUROUFING PROJECT REGIONAL GROWTH OPPORTUNITES

**CENTRAL TARGET** 6KM LONG GOLD CORRIDOR **KOME TARGET** 4KM LONG GOLD CORRIDOR

- First shallow limited drilling returned significant zones of gold mineralisation
- 40m at 1.02 g/t gold
- ► 6m at 29.41 g/t gold inc 2m at 77.4 g/t
- ▶ 16m at 11.07 g/t gold inc 4m at 42.2 g/t
- 30m at 1.02 g/t gold
- 34m at 1.12 g/t gold



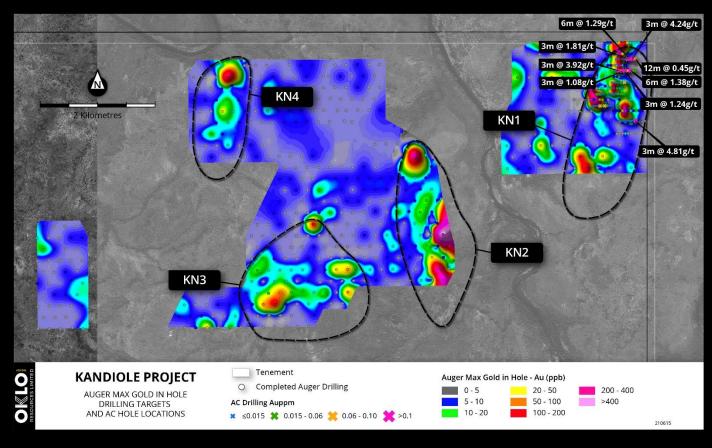


## **KANDIOLE PROJECT**

#### **REGIONAL GROWTH OPPORTUNITES**

# UNDEREXPLORED 100KM<sup>2</sup> PROJECT IN CLOSE PROXIMITY TO FEKOLA AND BOTO

- ► Four large geochemical gold anomalies identified, up to 2.4km long
- First shallow AC drilling encountered an extensive zone of near surface gold mineralisation at KN1:
  - ➤ 3m at 4.81 g/t gold
  - 3m at 3.92 g/t gold
  - 3m at 4.24 g/t gold
  - ► 6m at 1.29 g/t gold
  - ▶ 6m at 1.38 g/t gold





## **NEXT 12 MONTH ACTIVITES & MILESTONES**

RESOURCE GROWTH AND COMMENCEMENT OF TECHNICAL STUDIES

## RESOURCE GROWTH OPPORTUNITIES

- 1 NEAR PIT EXTENSIONS
- 2 15KM DANDOKO GOLD CORRIDOR
- REGIONAL TARGETS

  New discoveries at Sari & Kandiole



**14,000m drilling** 90% completed – assays pending



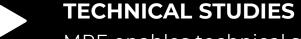
2D seismic & 3D IP programs
Interpretation to target deeper fresh
rock mineralisation



**2,000m drilling at Sari** completed – assays pending

**ONGOING DRILL PROGRAMS** 

#### **STUDIES**



MRE enables technical studies to commence



ESIA to occur in conjunction with studies

MINING LICENSE

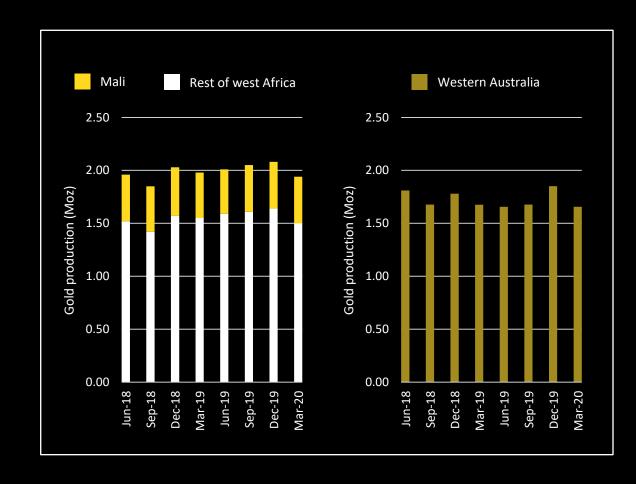


## **OPERATING IN MALI**



## WEST AFRICA IS A MORE PROLIFIC REGION THAN WESTERN AUSTRALIA. MALI PRODUCES A SIGNIFICANT PROPORTION OF WEST AFRICAN GOLD.

- Despite periods of political instability, Mali has remained operationally resilient
- ▶ Gold mining accounts for ~10% of Mali's GDP
- ► Stable mining code, reviewed every 10 years:
  - 6% royalty
  - 10% government free carry
- Gold mining operations have not been disrupted under the current transition of Government





## BUILDING STRONG PARTNERSHIPS

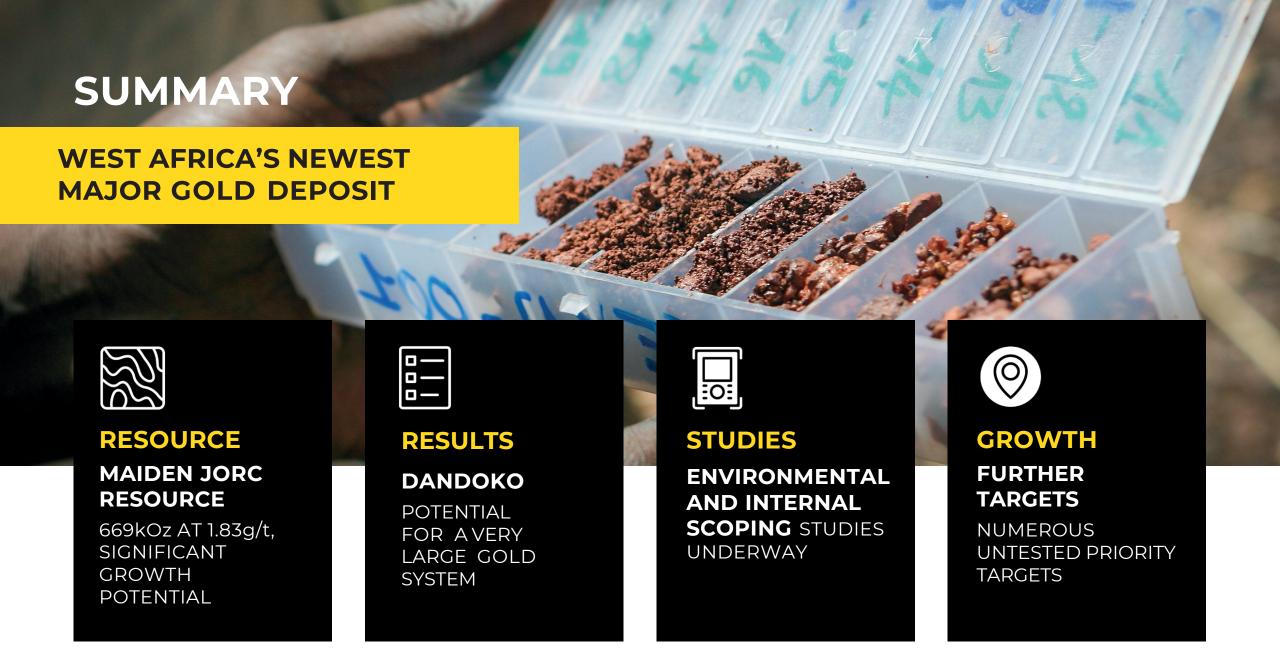
#### **COMMUNITY DEVELOPMENT**

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
- Investment in Seko community water wells, near local school and market
- Water quality monitoring: analysis of local drinking and surface water











# DANDOKO PROJECT JORC (2012) COMPLIANT MINERAL RESOURCE ESTIMATE



	ı	MEASURE		ı	NDICATED	)		INFERRED			TOTAL	
DEPOSIT	Tons (Mt)	Gold grade (g/t)	Gold (kOz)									
SEKO	5.57	2.09	374.2	2.40	1.69	130.6	2.13	1.49	101.7	10.09	1.87	606.5
коко	-	-	-	0.73	0.97	22.8	0.02	0.73	0.4	0.74	0.97	23.2
DIABAROU	-	-	-	-	-	-	0.34	2.45	26.7	0.34	2.45	26.7
DISSE	-	-	-	-	-	-	0.15	2.57	12.1	0.15	2.57	12.1
TOTAL	5.57	2.09	374.2	3.13	1.52	153.5	2.63	1.67	140.9	11.34	1.83	668.5

Open pit optimisations included an overall allowance of 10% for dilution and 7% for ore loss, and were undertaken using appropriate Malian royalties and taxes, metallurgical recovery data, mining, production, and environmental costs from nearby producing mines and utilising a low pit wall angle of 38° within the deep oxide profile observed and a 50° slope in fresh rock. Based on the preliminary optimisation work, a lower cut-off grade of 0.3g/t Au within a US\$2,000/oz cut off shell provides a positive NPV indicating a reasonable prospect for eventual economic extraction.



## **METALLURGICAL TESTWORK PROGRAM**

#### **SK2 TEST WORK - APRIL 2020**

SEKO CYANIDE LE	<b>ACH &amp; FLOTATION</b>	<b>RECOVERY RESULTS</b>
SERO CIANIDE EL		RECOVER RESOLIS

Grind size: Oxide 75 μm, Trans & Fresh 53 μm	OXIDE	TRANS.	FRESH
LEACH RECOVERY (%)	94.1%	84.7%	88.0%
<b>LEACH FEED</b> (g/t)	4.41	5.99	2.76
FLOTATION RECOVERY (%)	NA	95.3%	91.3%
CONSUMPTION - NACN (kg/t)	0.15	0.10	0.15
CONSUMPTION - LIME (kg/t)	3.19	1.07	1.14

#### SEKO ROCK PARAMETER RESULTS

SERO ROCK TARGET	SERO ROSK 1740 IMETER RESSETS						
	OXIDE	TRANS.	FRESH				
PRODUCT SIZE (µM)	68	83	77				
WORK INDEX (kwh/t)	10.2	15.2	16.0				
ABRASION INDEX	0.05	0.31	0.20				

#### **SKI TEST WORK - MAY 2021**

#### SEKO CYANIDE LEACH & FLOTATION RECOVERY RESULTS

Grind size: Oxide & Trans. at both 75 μm / 106 μm	OXIDE	TRANS.
LEACH RECOVERY (%)	97.2% / 97.4%	75.6% / 81.4%
<b>LEACH FEED</b> (g/t)	7.51 / 7.44	5.82 / 6.31
FLOTATION RECOVERY (%)	NA	96.6%
CONSUMPTION - NACN (kg/t)	0.21 / 0.18	0.87 / 0.95
CONSUMPTION - LIME (kg/t)	1.32 / 0.98	0.69 / 0.73



## **SEKO RESOURCE LOCATION**





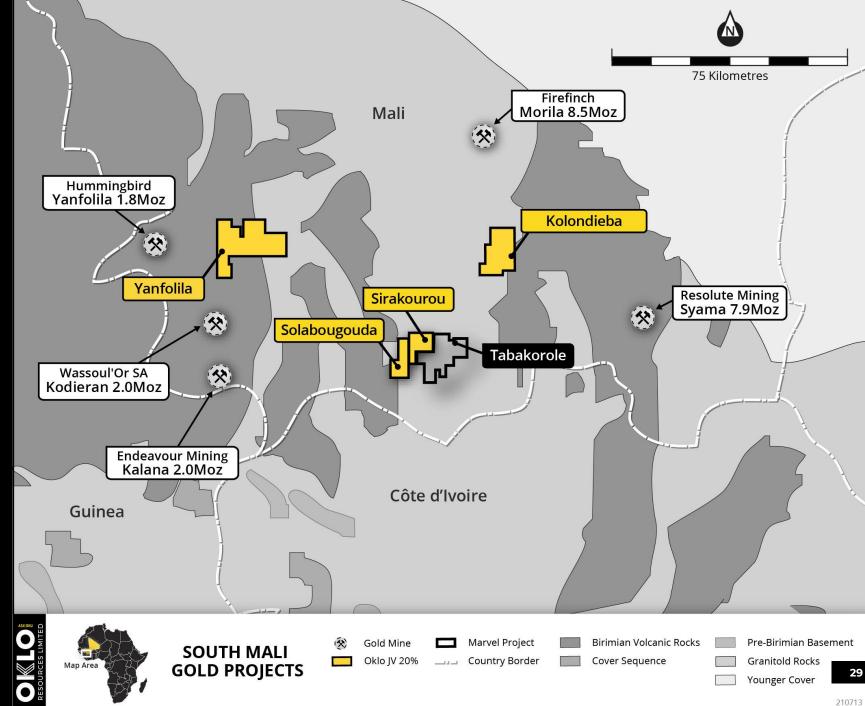


## **SOUTH MALI PROJECTS**

#### **FREE CARRY INTEREST RETAINING UPSIDE**

- Divestment of 80% to Marvel Gold (MVL:ASX)
- ▶ 20% free carried interest to decision to mine
- Deals terms:
  - ► \$200k cash upfront
  - 20 million shares upfront<sup>1</sup>
  - ▶ 20 million shares as deferred consideration<sup>2</sup>





<sup>1.</sup> Upon confirmation of renewal of licences

<sup>2.</sup> Upon completion of performance hurdles

## PROJECT DEVELOPMENT PIPELINE



#### **PROGESSING EXPLORATION**

