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ACTIVELY EXPLORING BOUNDIALI GOLD PROJECT, CÔTE D'IVOIRE

APRIL 2024

www.aurumres.com.au

ASX:AUE

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COMPETENT PERSONS STATEMENT

The information in this presentation that relates to Exploration Targets and Exploration Results is based on information compiled by Mr Mark Strizek, a Competent Person who is a Member or The Australasian Institute of Mining and Metallurgy. Mr Strizek is a non-executive director of the Company.

Mr Strizek has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being 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". Mr Strizek consents to the inclusion in the announcement of the matters based on his information in the form and context in which it appears. Additionally, Mr Strizek confirms that the entity is not aware of any new information or data that materially affects the information contained in the ASX releases referred to in this presentation.

COMPLIANCE STATEMENT

This report 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.asx.com and includes results reported previously and published on ASX platform:

12 March 2024, AUE hits 73m at 2.15g/t incl 1m at 72g/t Au at Boundiali (ASX.AUE)
01 March 2024, Aurum hits 4m at 22 g/t Au in Boundiali diamond drilling (ASX.AUE)
22 January 2024, Aurum hits shallow, wide Au intercepts at Boundiali (ASX.AUE)
21 December 2023, Rapid Drilling at Boundiali Au Project (ASX.AUE)
21 November 2023, AUE Acquisition Presentation (ASX.AUE)
21 June 2021, Notice of General Meeting/Proxy Form (MSR.ASX)
21 May 2021, PlusOr to Acquire 6194 sq kms Ground Position in Cote d'Ivoire (MSR.ASX)
22 August 2019, Boundiali RC Drill Results Continue to Impress (PDI.ASX)
15 July 2019, RC, Trench Results Grow Boundiali Potential In Cote D'Ivoire (PDI.ASX)
27 May 2019, New Drill Results Strengthen Boundiali Project Cote D'Ivoire (PDI.ASX
16 January 2019, PDI-Toro JV Sharpens Focus with Major Drilling Program (PDI.ASX)
26 November 2018, Boundiali North - Large Coherent Gold Anomalies in 14km Zone (PDI.ASX)

The Company confirms that it is not aware of any new information or data that materially affects the information included in the previous announcements.

Highlights

Australian gold exploration company with focus on

Boundiali Gold Project in Côte D'Ivoire, West Africa

Large presence in well-known gold province

Changed the rules of exploration with AUE-owned diamond drill rigs and rig operators

Aurum's diamond drill fleet has proven to be cost-effective for shareholders compared to contracted services

26,000m diamond drilling logistics/consumables/ spare parts purchased

Diamond drilling on high priority targets +10,000m drilled since Oct 2023

7,145m underway with 2,600m/month on schedule using our three new diamond drill rigs

Drilling **30,000m** in 2024

Board and Management with proven track record of value creation

Supportive shareholders
Oversubscribed two-tranche placement raises **A$7M (Feb 2024)**

Exploration upside across our portfolio

Project best drill hit to date
73m @ 2.15g/t Au from 172m inc. 4m @ 18.63g/t Au
(DSDD0012)

Corporate Update

CAPITAL STRUCTURE (ASX:AUE)

A$0.25
Share Price (2 Apr 2024)

77.4M
Shares on Issue
(Board Directors 13%)

A$19.35M
Market Capitalisation

~A$3.9M*
Cash (29 Feb 2024)
+A$3.3M (before costs)
Tranche 2 after EGM

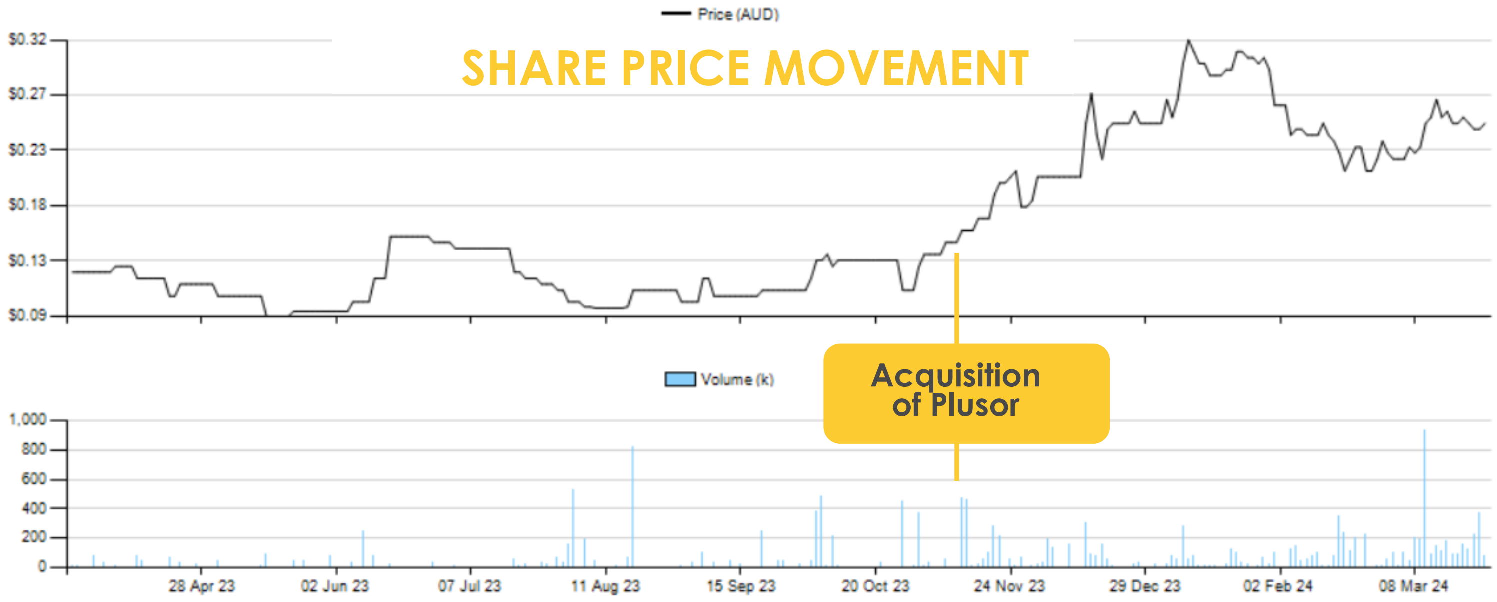
~A$15M
Enterprise Value

DIRECTORS

TROY FLANNERY
Non-Executive Chairman

DR CAIGEN WANG
Managing Director

MARK STRIZEK
Non-Executive Director



* Unaudited. EGM to approve tranche 2 to be held on 8 April 2024

Boundiali Gold Project

PROSPECTIVE LAND PACKAGE

Hosting prospective Birimian greenstones

Located within the same greenstone belt as the

- large **Syama** (11.5Moz) and **Sissingué** (1.0 Moz) Au mines to the north,
- **Tongon** (5.0Moz) to the northeast, and
- Montage Au's 4.5Moz **Koné** project located to the south

Excellent access to roads, services and power infrastructure

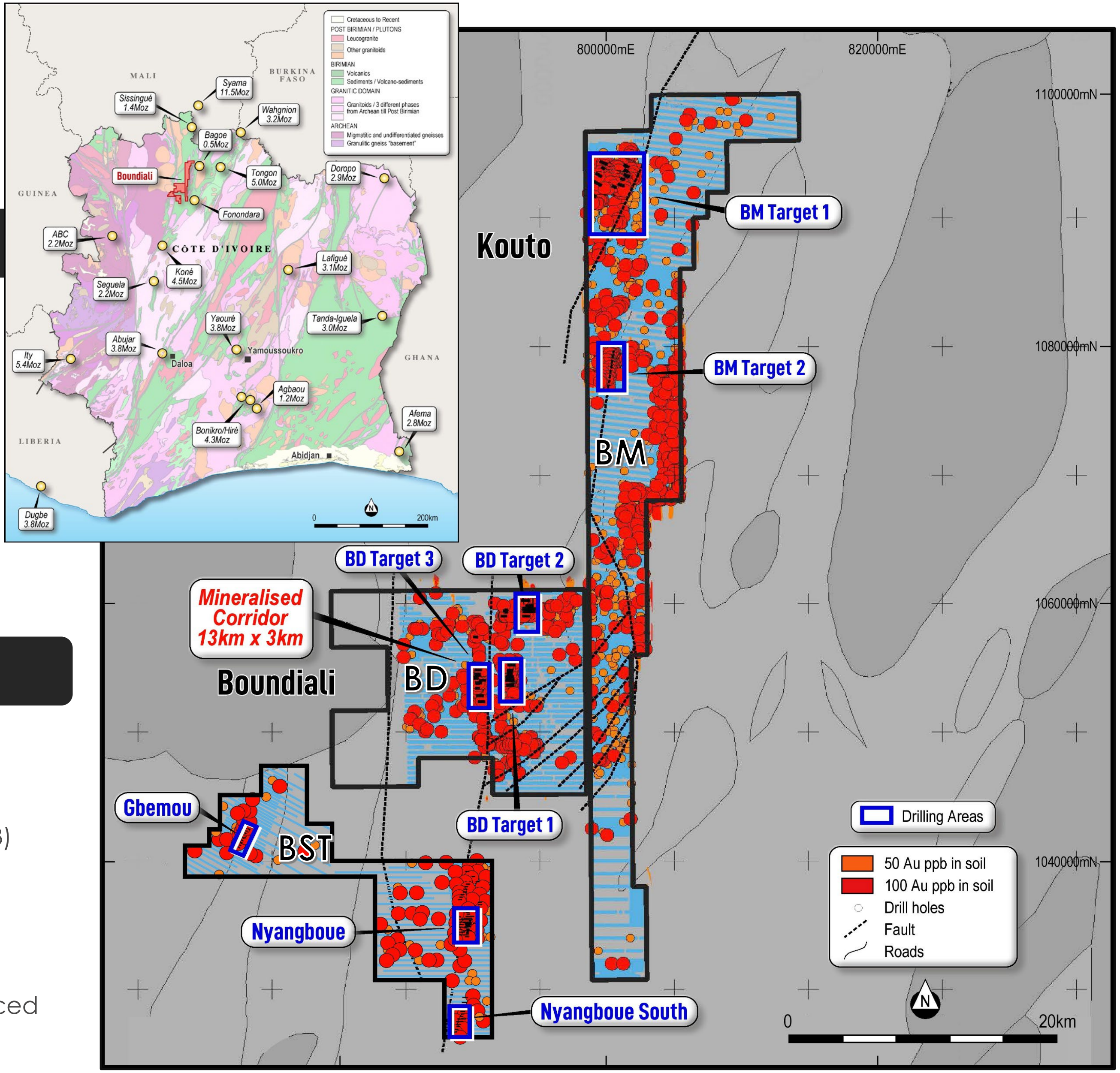
DISCOVERIES BY AREA

Three granted tenements within the tightly held Tongon – Sissingué triangle

BM Gold Project JV - Farming in to earn 80-88% interest in future Au production by drilling 8,000m diamond holes and project CAPEX (PR-893)

BD Gold Project JV – Acquired 80% interest by paying US$430k and drilling 3,500m diamond holes (PR-808)

BST Gold Project - Binding term sheet to acquire 100% interest in the advanced Boundiali South exploration tenement (PR-414)



BD Gold JV Project - 13km by 3km Gold Corridor

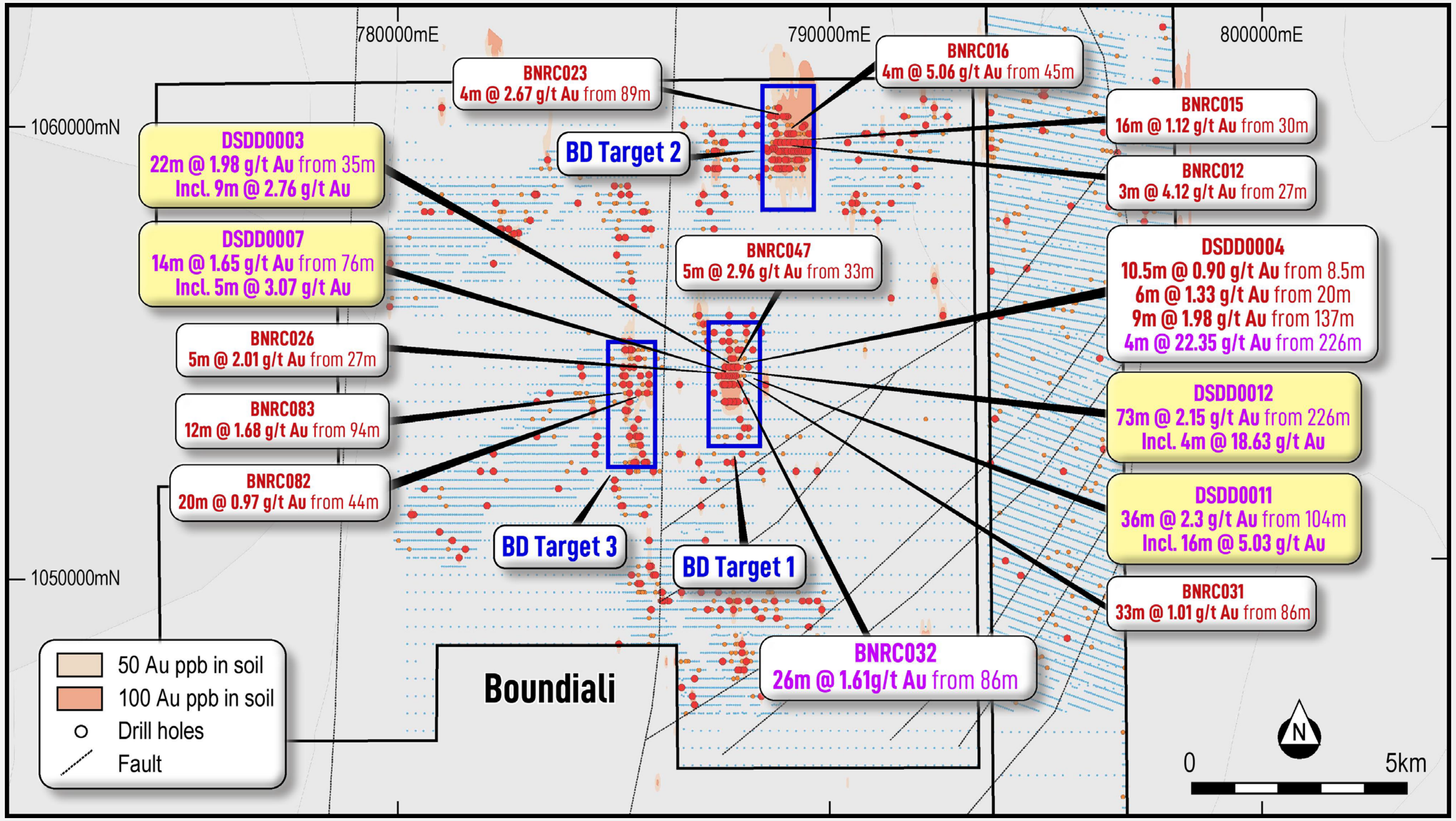
FIRST STAGE SCOUT PROGRAM - 51 DD HOLES ON 3 TARGETS FOR 7,145M COMMENCED IN DECEMBER 2023

NYANGBOUE GOLD STRUCTURE

- Multiple corridors of +20ppb Au in soil anomalism
- Higher gold values include 1,185, 806 and 626 ppb Au
- Shallow historic drilling (91 RC holes drilled for 6,229m):
  - 26m @ 1.61 g/t Au from 86m
  - 33m @ 1.01 g/t Au from 31m
  - 12m @ 1.68 g/t Au from 94m

LATEST DIAMOND DRILL RESULTS

- **73m @ 2.15g/t Au from 172m inc. 4m @ 18.63g/t Au** (DSDD0012)
- **36m @ 2.53 g/t Au from 104m inc. 16m @ 5.03 g/t Au** (DSDD0011)
- **22m @ 1.98g/t Au from 35m inc. 9m @2.76g/t Au** (DSDD0003)
- **14m @ 1.65g/t Au from 76m inc. 5m @ 3.07 g/t Au** (DSDD0007)
- **4m @ 22.35 g/t Au from 226m** (173m below surface) (DSDD0004)

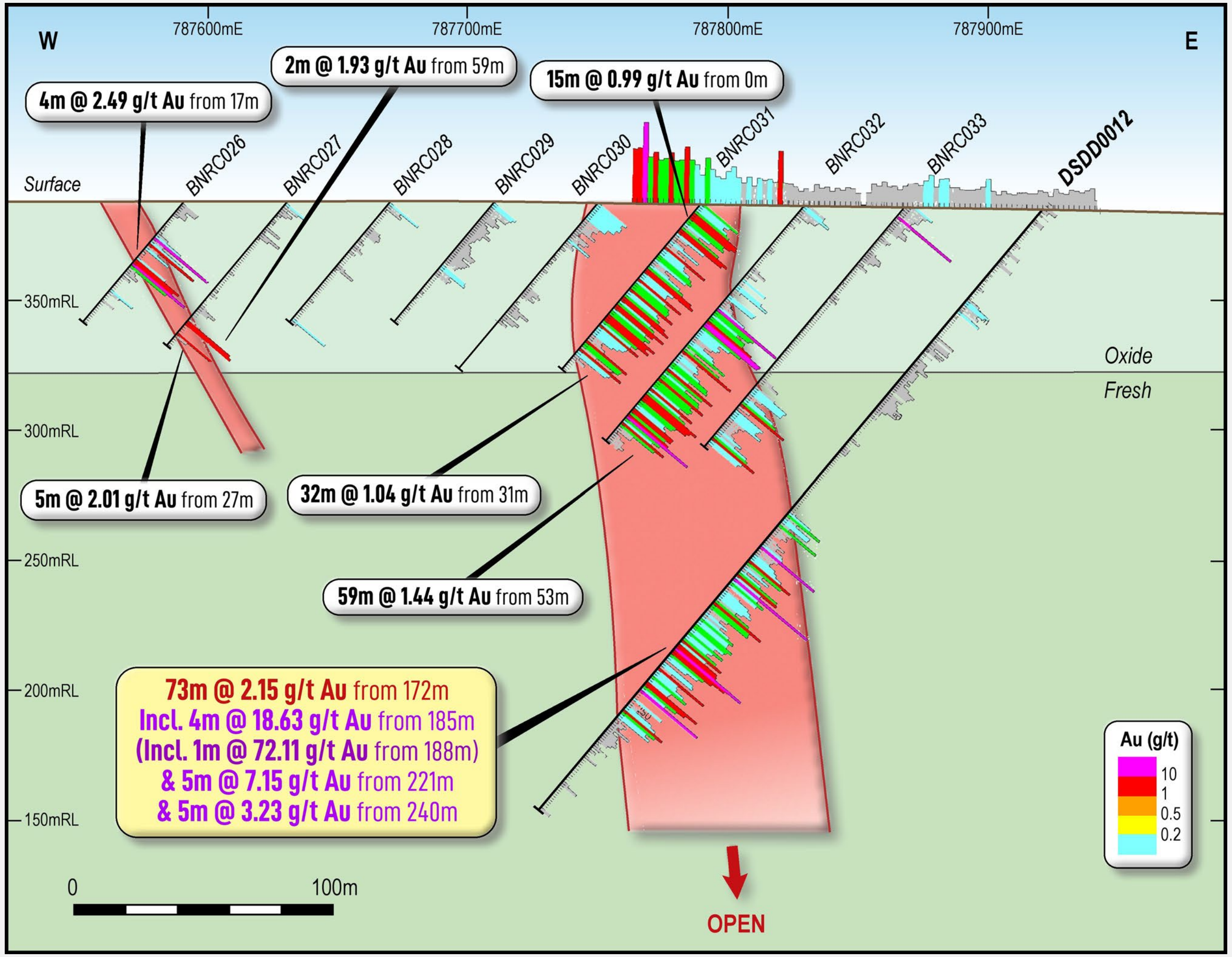


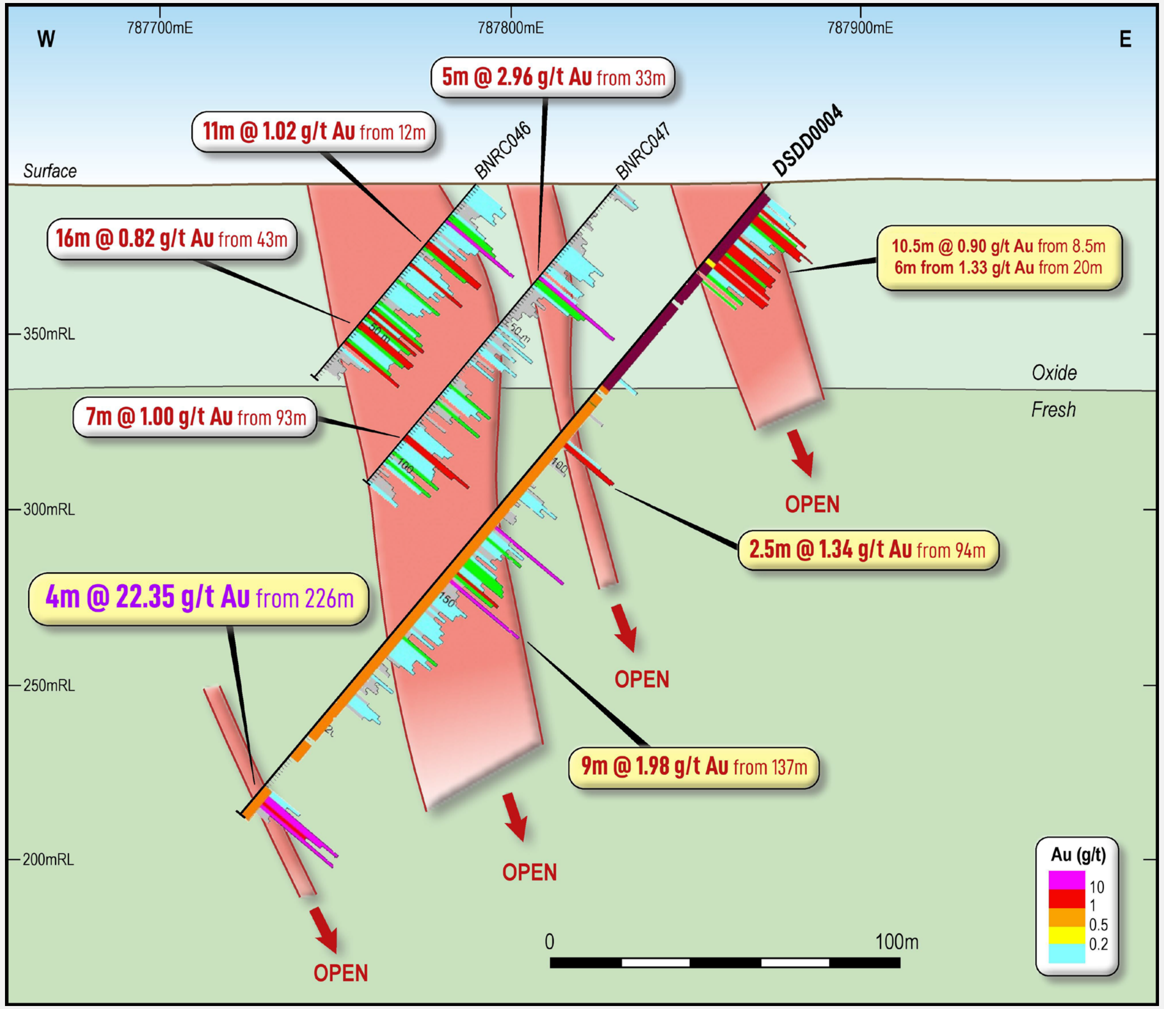
Target 1:	Target 2:	Target 3:
1300m of strike length	1700m of strike length	1300m of strike length

[1] Refer Predictive Discovery Ltd (ASX:PDI) ASX announcements dated 23 June 2016, 25 July 2016, 8 August 2016, 17 May 2017, 29 May 2017
[2] Refer ASX announcement dated 17 June 2022

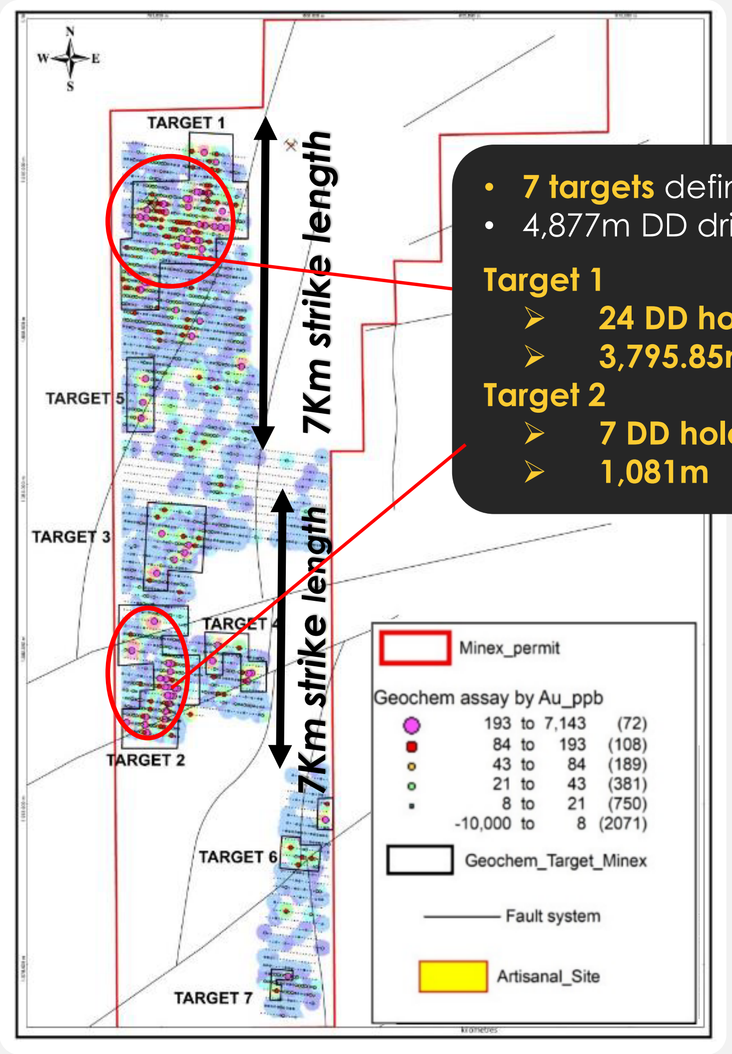
BD Gold JV Project - 13km by 3km Gold Corridor

FIRST STAGE SCOUT PROGRAM – BD TARGET 1 X-SECTIONS





BM Gold Project JV – Seven Targets Defined to Date



- **7 targets** defined
- 4,877m DD drilled

Target 1
- **24 DD holes**
- **3,795.85m**

Target 2
- **7 DD holes**
- **1,081m**

PROSPECTIVE LAND PACKAGE

7 targets defined through:

- **93 AC drill holes**
- **816 rock chip assays (Gold only)**
- **1300 wells**
- **EM - Airborne geophysical survey**
- **Extensive Gold in soil anomalism:**
  - 13,368 samples.
  - Infill sampling undertaken in some areas at 50m x 100m. Sampling density in other areas is 200m x 500m or 200m x 1000m.
- **Geological mapping and interpretation:**

  Slightly sinuous north-south trend of metasediments and granites. In the south, on the western margin of the permit, there appears to be a sheared and cut-up granite with metasediments wrapping around the ellipsoidal granitic which structurally is an exciting target zone

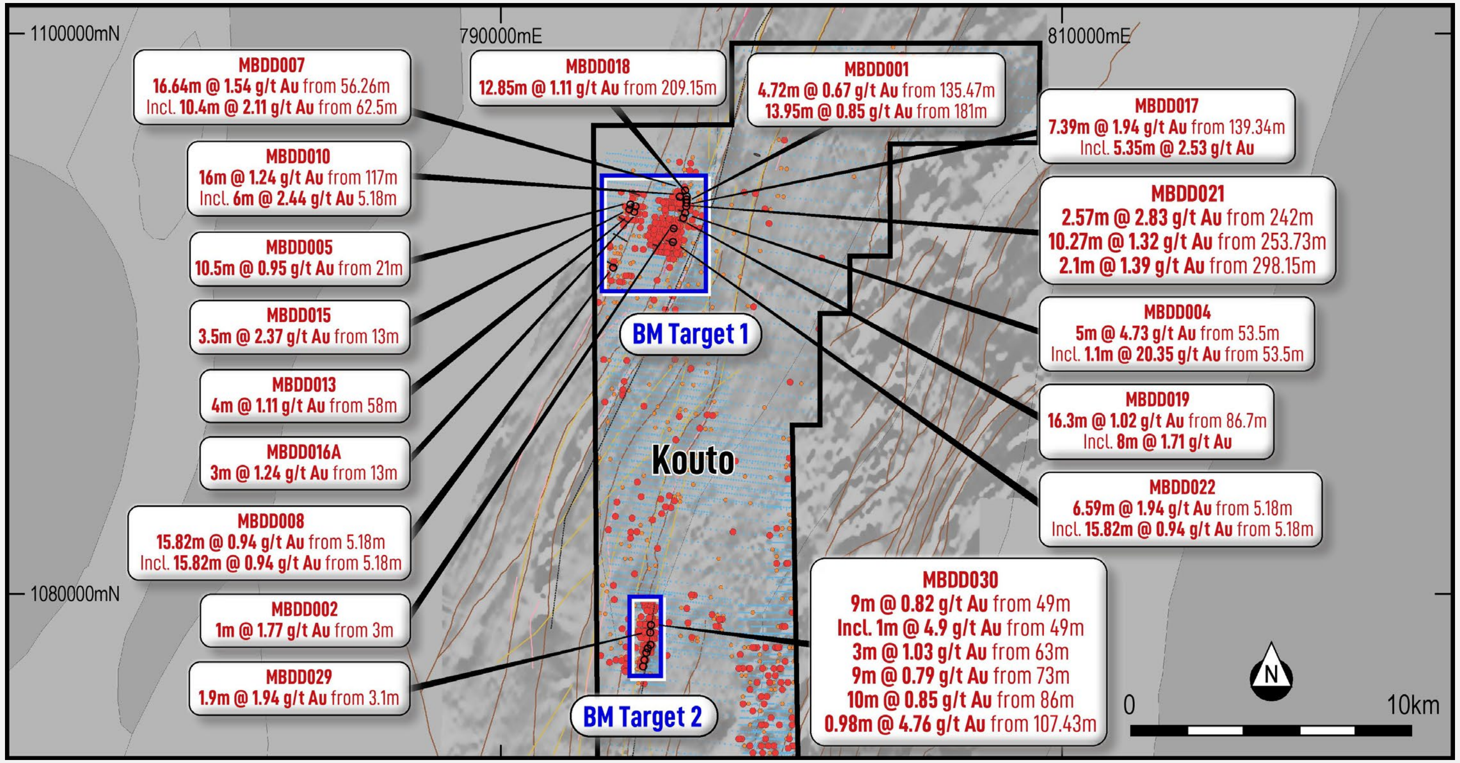
BM Gold Project JV – Scout Drilling Results: Plan View

HISTORIC RC

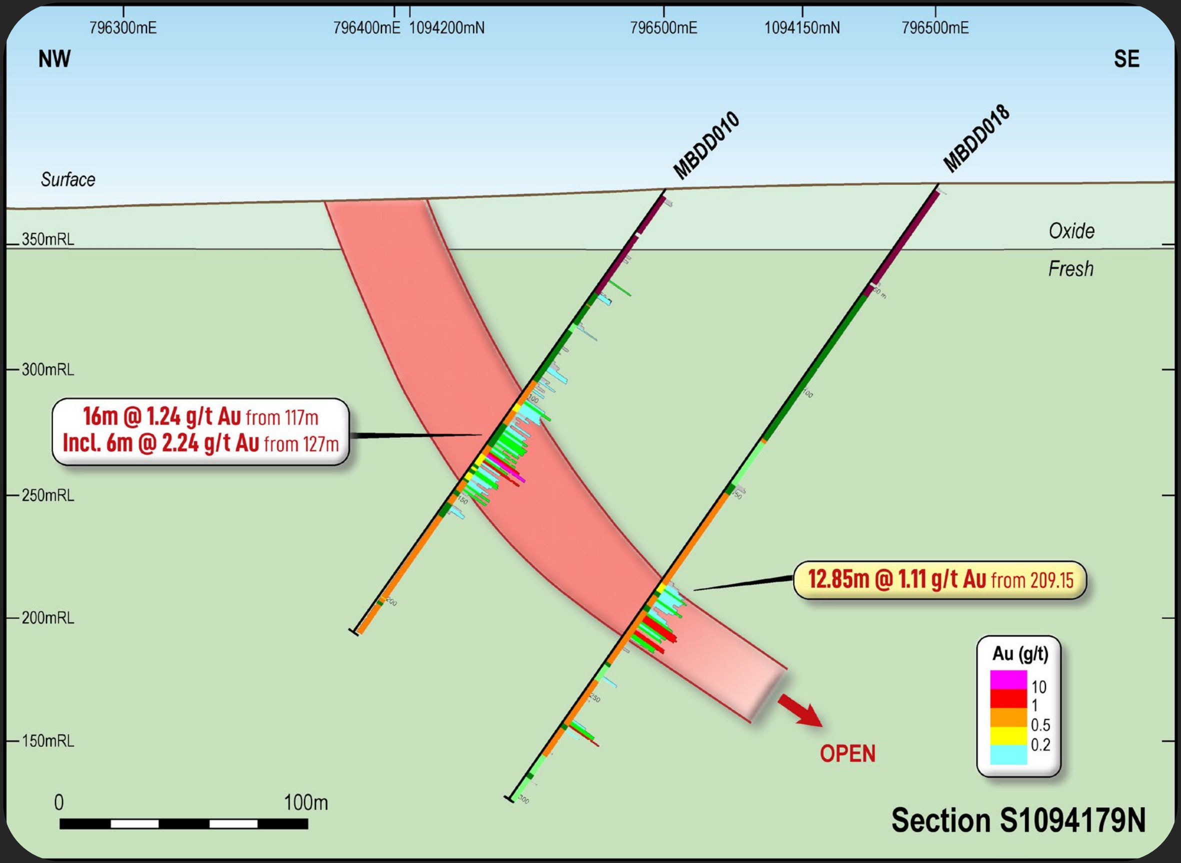
- 22m @ 1.06 g/t Au from 87m and 9m @ 1.79 g/t Au

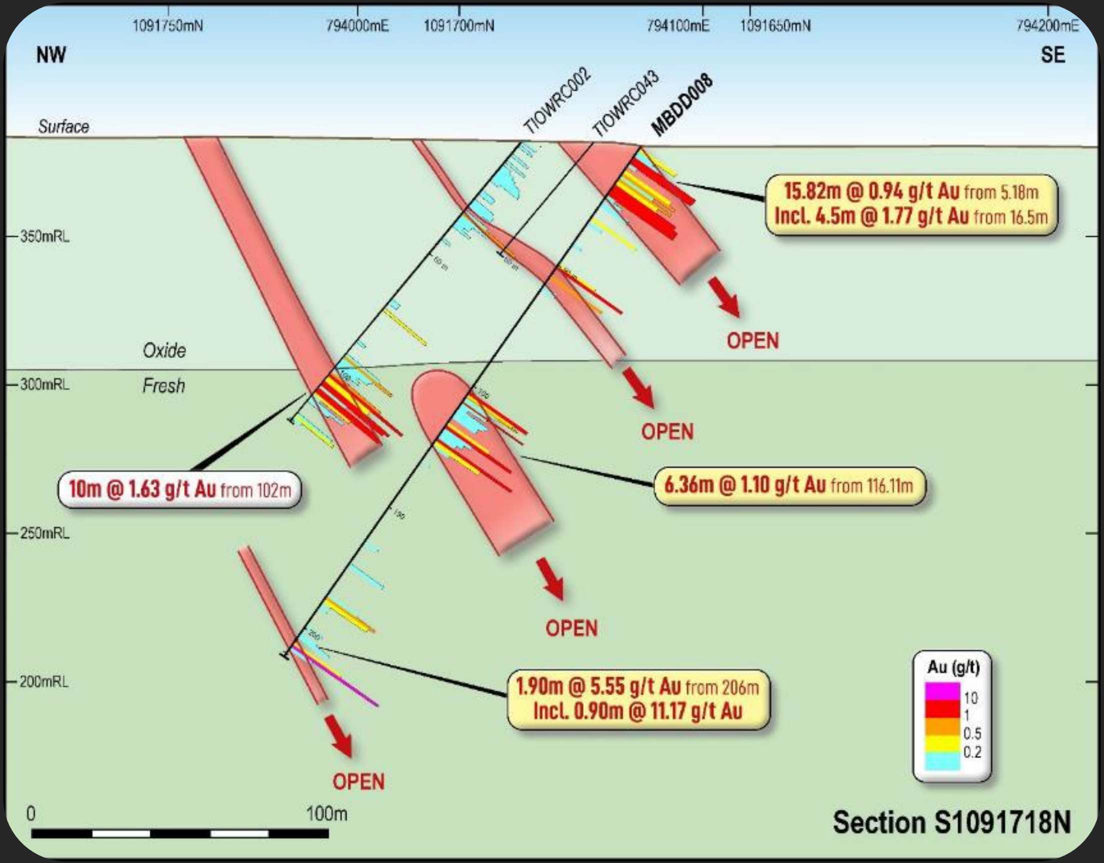
LATEST DIAMOND DRILL RESULTS

- **16m @ 1.24 g/t Au** from 117m incl. **6m @ 2.44 g/t Au** from 127m for diamond drill hole MBDD010
- **7.39m @ 1.94 g/t Au** from 139.34m incl. **5.35m @ 2.53 g/t Au** from 141.37m (MBDD017)
- **16.3m @ 1.02 g/t Au** from 86.7m incl. **8.0m @ 1.71 g/t Au** from 95m (MBDD019)
- **15.82m @ 0.94 g/t Au** from 5.18m incl. **4.5m @ 1.77 g/t Au** from 16.5m (MBDD008)
- **10.5m @ 0.95 g/t Au** from 21m (MBDD005)
- 13.95m @ 0.85 g/t Au from 181m (MBDD001)



BM Gold Project JV – Drilling Results on Target 1: Section View





BST Gold Project – Advanced Exploration Play

GROWING EXPLORATION FOOTPRINT WITH BOUNDIALI SOUTH ACQUISITION

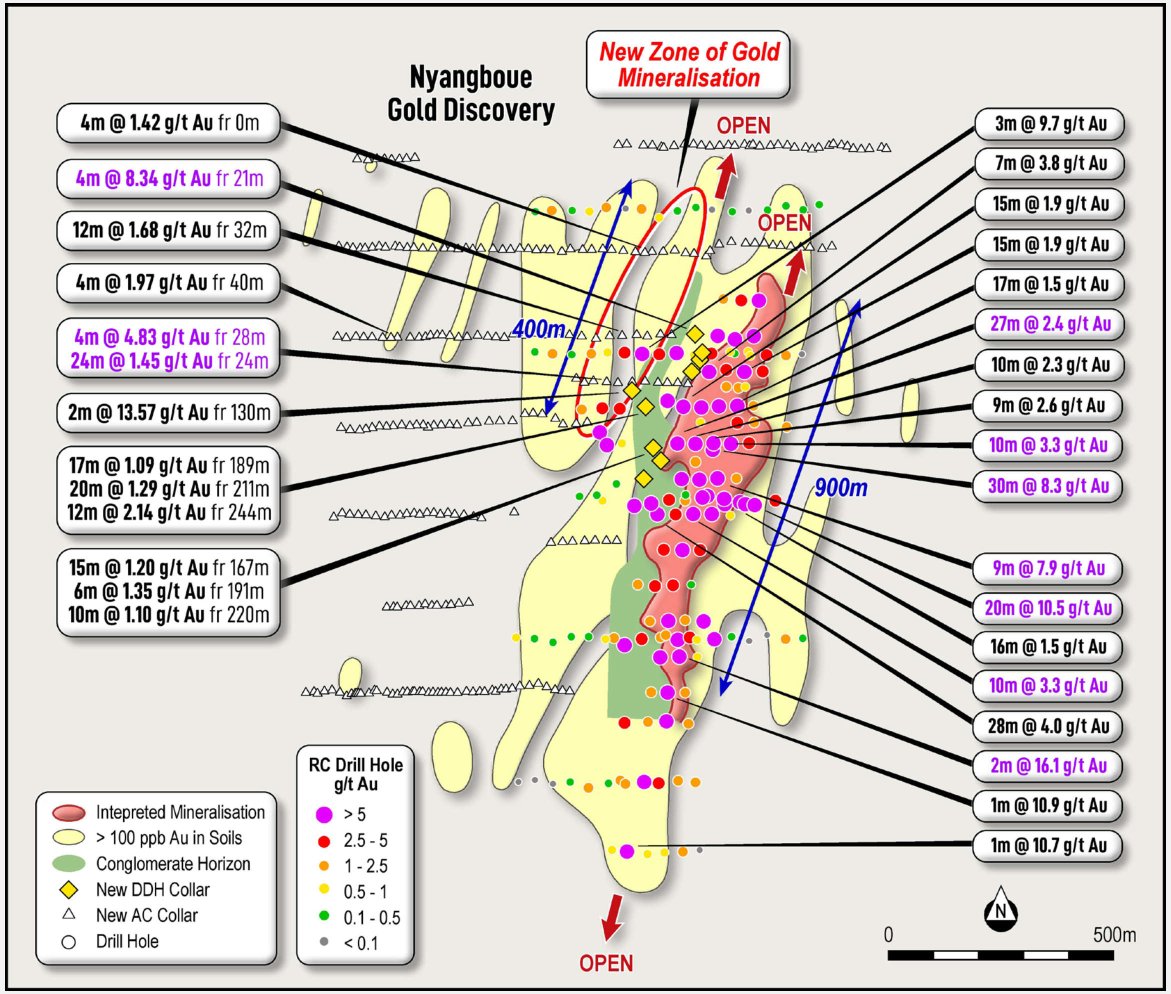
MULTIPLE GOLD TARGETS DEFINED

Detailed surface geochemical sampling identified three strong gold anomalies:

- **Nyangboue +6km strike**
- **Nyangboue South +2km strike**
- **Gbemou +1.5km strike**

HISTORIC DRILL RESULTS

- **20m @ 10.45g/t Au** from 38m (BRC0004S BIS)
- **30m @ 8.30g/t Au** from 39m (NDC007)
- **28m @ 4.04g/t Au** from 3m and **6m @ 3.29g/t Au** from 47m (BRC003)
- **9m @ 7.90g/t Au** from 99m (BRC006)
- **27m @ 2.42g/t Au** from 27m (BRC175)
- **20m @ 1.29g/t Au** from 211m (NDC016)
- **2m @ 13.57g/t Au** from 130m (NDC017)
- **17m @ 1.09g/t Au** from 189m; **20m @ 1.29g/t Au** from 211m and **12m @ 2.14g/t Au** from 244m EOH (NDC016)



[1] Refer Predictive Discovery Ltd (ASX:PDI) ASX announcements dated 23 June 2016, 25 July 2016, 8 August 2016, 17 May 2017, 29 May 2017

[2] Refer ASX announcement dated 17 June 2022

West Africa - Destination of Choice

DISCOVERIES BY AREA

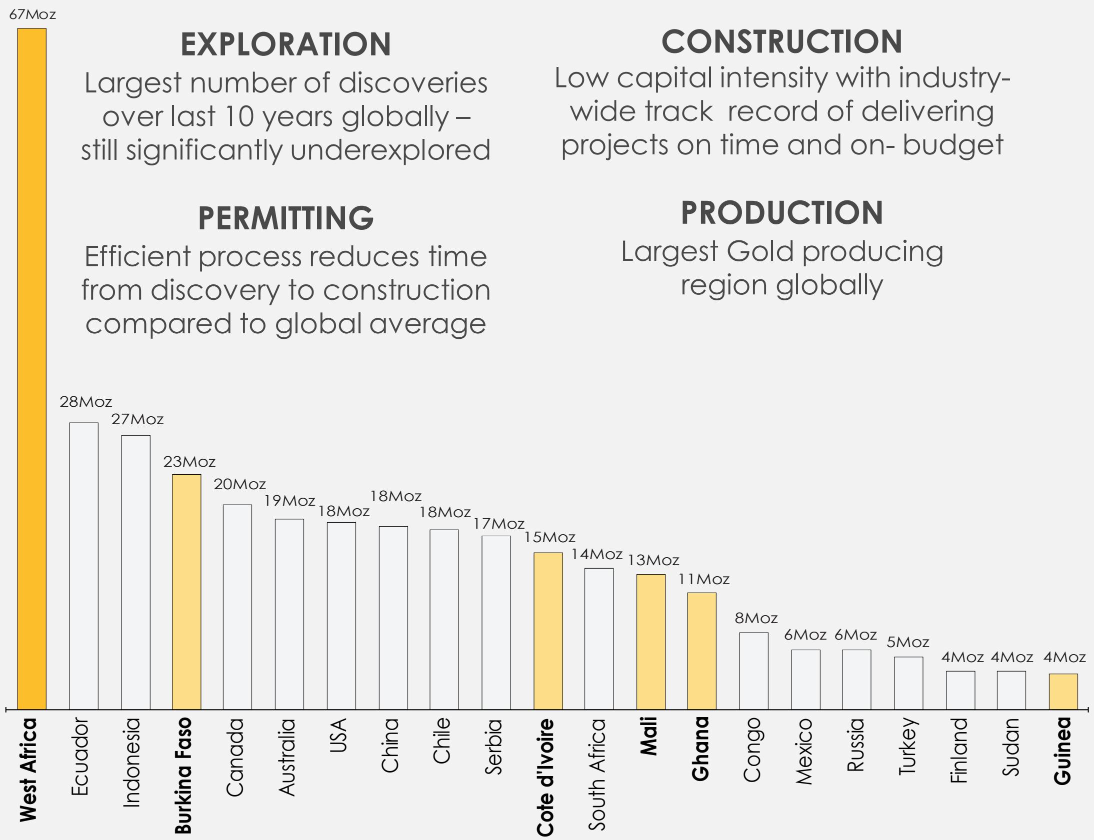
2010-2021

EXPLORATION
Largest number of discoveries over last 10 years globally – still significantly underexplored

PERMITTING
Efficient process reduces time from discovery to construction compared to global average

CONSTRUCTION
Low capital intensity with industry-wide track record of delivering projects on time and on- budget

PRODUCTION
Largest Gold producing region globally



Source: S&P Global Market Intelligence, Endeavour Mining. West Africa includes Burkina Faso, Cote d'ivoire, Ghana, Mali, Guinea and Senegal.

ANNUAL GOLD PRODUCTION BY REGION

IN MILLIONS OF OUNCES, FOR 2021

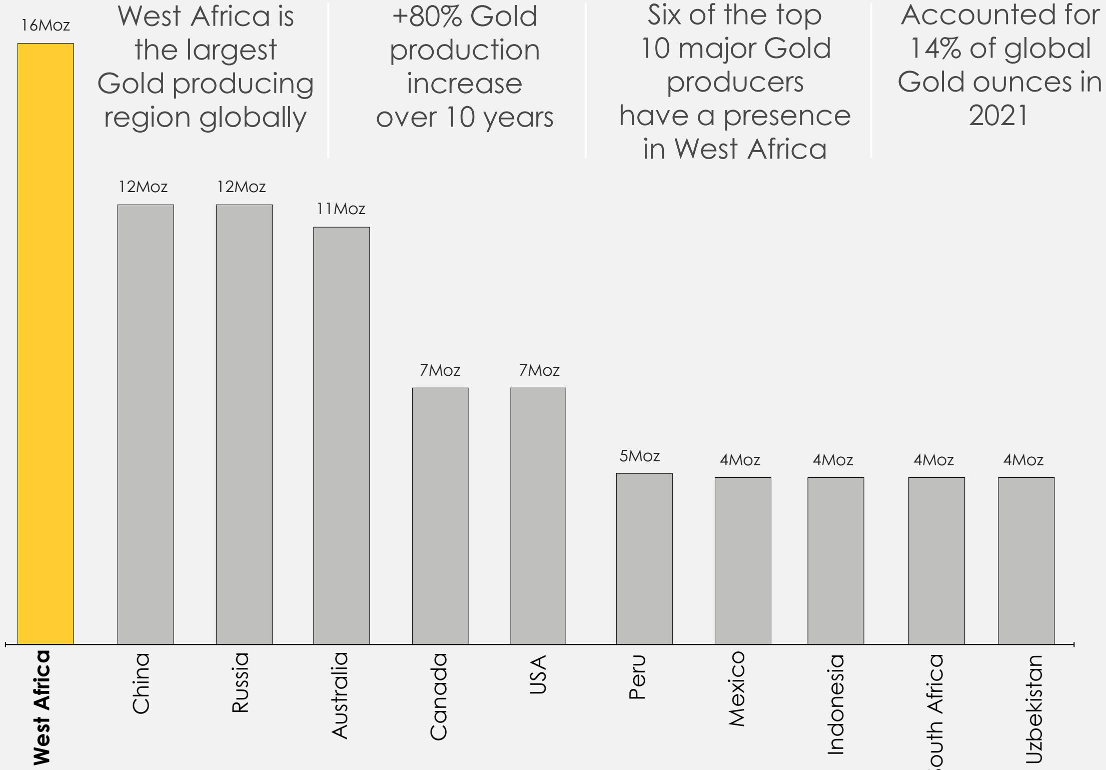
PRODUCTION

West Africa is the largest Gold producing region globally

+80% Gold production increase over 10 years

Six of the top 10 major Gold producers have a presence in West Africa

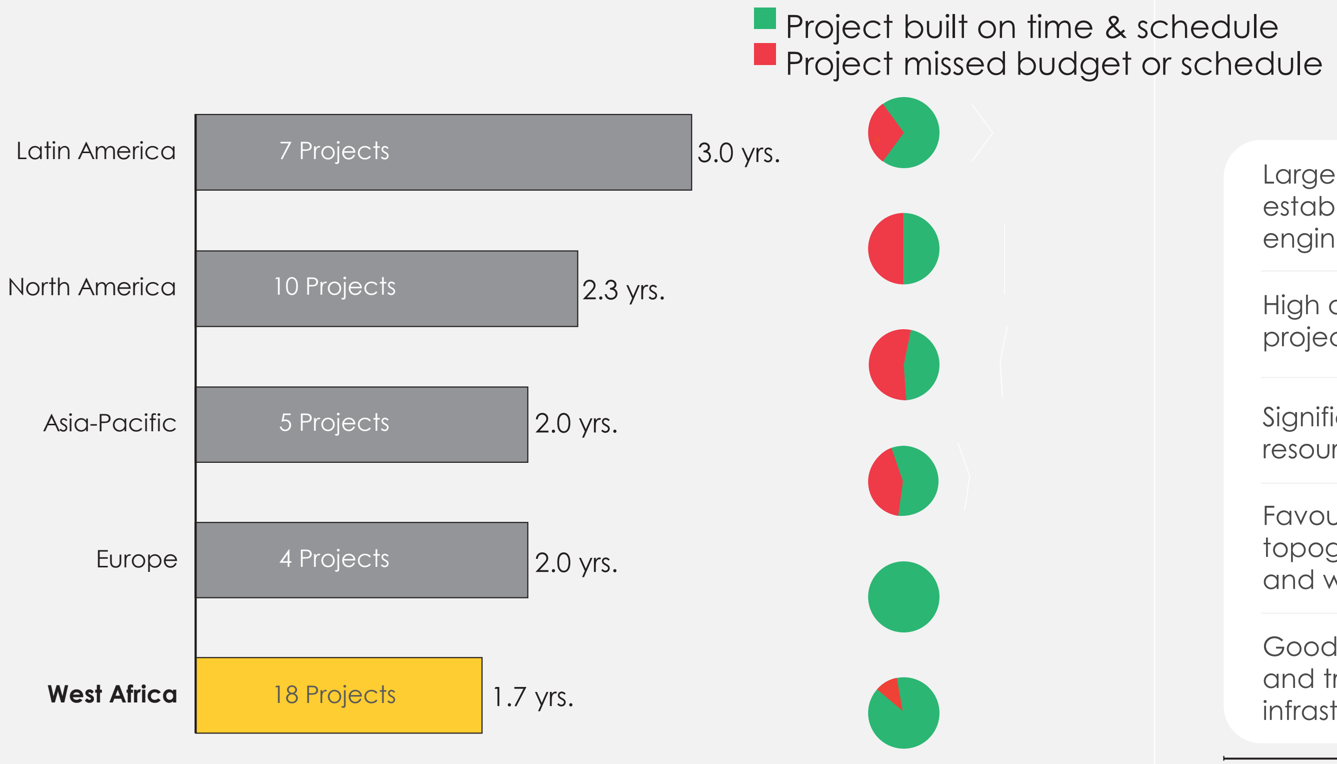
Accounted for 14% of global Gold ounces in 2021



West Africa - Destination of Choice (continued)

GOLD PROJECT CONSTRUCTION

Based on 44 primary gold projects built since 2010

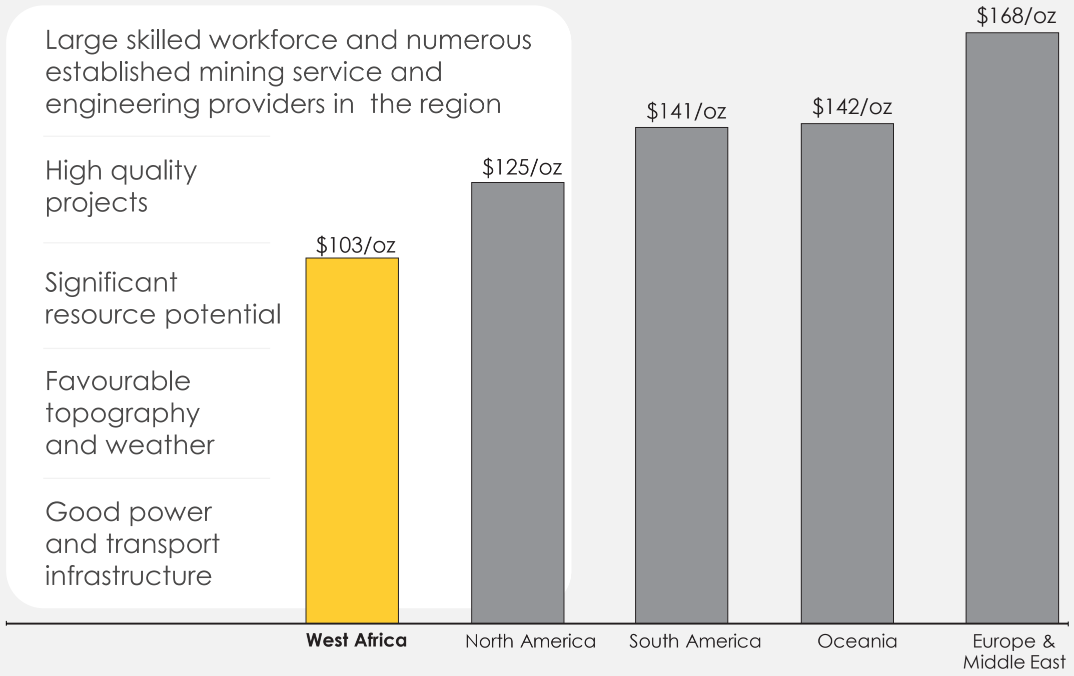


1) Based on expected construction timeline that remains on track as of 22 March 2023
Source: S&P Global, Endeavour Mining. West Africa consists of Cote d'Ivoire, Burkina Faso, Guinea, Senegal, and Mali.

GOLD PROJECT CONSTRUCTION

Capital intensity calculated as development capital costs divided by M&I Resource as per the feasibility study

Low capital intensity with industry-wide track record of delivering projects on time and on budget



Source: S&P Global, Endeavour Mining. Considers primary Au mines with over 1Moz in M&I resources, with capital cost estimate published after 1 January 2018

Côte d'Ivoire – Growing Gold Producer

Stable

Political governance and strong economic performance

Extensive Birimian

Gold-bearing rocks with approximately 34% of West Africa's greenstone host over 60 +1Moz deposits

Underexplored

World-class discovery potential

Proven jurisdiction

For mine development with modern, transparent and attractive mining code

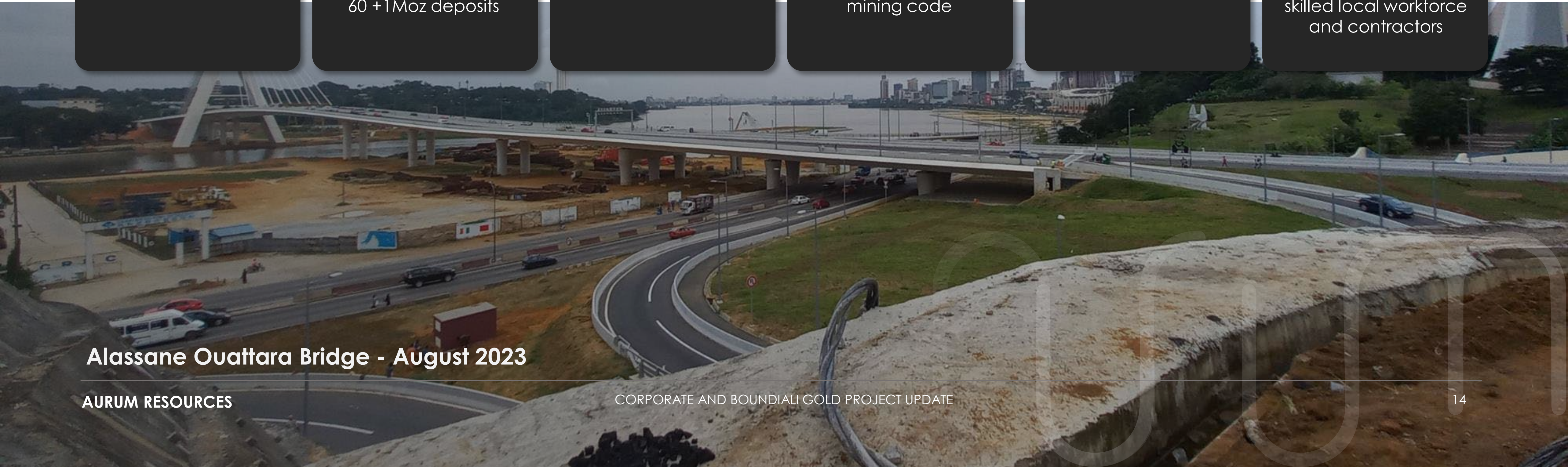
8

Eight operating Gold mines

>1.0Moz pa (Barrick, Endeavour, Perseus, Tietto, Allied Gold and Fortuna)

Excellent infrastructure

Extensive network of sealed roads, grid power and HV transmission lines, skilled local workforce and contractors

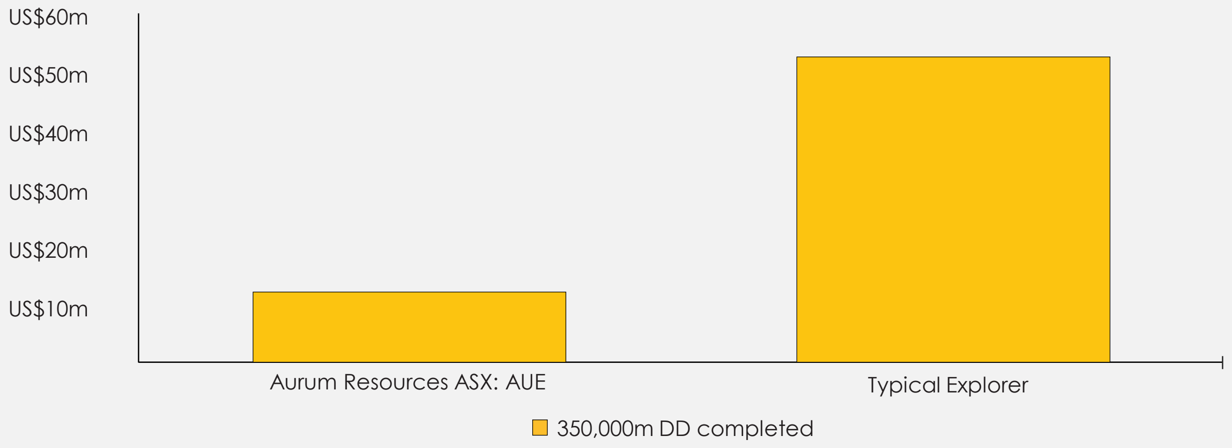


Alassane Ouattara Bridge - August 2023

We care about our shareholders and look after all stakeholders

01 NO POVERTY	02 ZERO HUNGER	03 GOOD HEALTH AND WELL-BEING	04 QUALITY EDUCATION	05 GENDER EQUALITY	06 CLEAN WATER AND SANITATION
07 AFFORDABLE AND CLEAN ENERGY	08 DECENT WORK AND ECONOMIC GROWTH	09 INDUSTRY, INNOVATION AND INFRASTRUCTURE	10 REDUCED INEQUALITIES	11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION	14 LIFE BELOW WATER	15 LIFE ON LAND	16 PEACE, JUSTICE AND STRONG INSTITUTIONS	17 PARTNERSHIPS FOR THE GOALS	aurum resources

Drilling Exploration Dollars Further



WE OWN OUR DIAMOND DRILL RIGS

- Proven game-changing strategy for junior explorers
- Reduce drilling costs by up to +65%
- Reduce cash burn – less capital needed to keep rigs spinning – minimise dilution
- Fast tracking resource growth
- Small footprint and man portable
- Owners have done it before

ONGOING DRILLING OPERATIONS

- Purchased two diamond drill rigs and first 26,000m diamond drilling consumables
- Added another rig to have three DD rigs running end April 2024
- Diamond drilling commenced on 24 October 2023 planning to drill ~2600m DD per month
- Inaugural JORC resources – Targeting end 2024

Why invest in Aurum

Experience
Management has track record of creating value for shareholders from exploration and project development

Knowledge
More than 10 years' experience in country and jurisdiction

Trust
By Government, investors and project partners

Care
About shareholders' investment and ensure that funds are spent wisely

Commitment
Dedicated to ensure positive outcomes for all stakeholders

Targeting 30,000m of Diamond Drilling in 2024

	Q1	Q2	Q3	Q4
Scout drilling	■	■	■	■
Exploration resource drilling		■	■	■
Maiden Mineral Resource				■

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Contact us + 61 8 6559 1792

Troy Flannery

Chairman

Email: contact@aurumres.com.au

Dr Caigen Wang

Managing Director

Email: contact@aurumres.com.au