# ANGLOGOLDASHANTI CAPITAL MARKETS DAY

23 FEBRUARY 2021

#### DISCLAIMER



Certain statements contained in this document, other than statements of historical fact, including, without limitation, those concerning the economic outlook for the gold mining industry, expectations regarding gold prices, production, total cash costs, all-in sustaining costs, all-in costs, cost savings and other operating results, return on equity, productivity improvements, growth prospects and outlook of AngloGold Ashanti Limited's (AngloGold Ashanti or the Company) operations, individually or in the aggregate, including the achievement of project milestones, commencement and completion of commercial operations of certain of AngloGold Ashanti's exploration and production projects and the completion of acquisitions, dispositions or joint venture transactions, AngloGold Ashanti's liquidity and capital resources and capital expenditures and the outcome and consequence of any potential or pending litigation or regulatory proceedings or environmental health and safety issues, are forward-looking statements regarding AngloGold Ashanti's operations, economic performance and financial condition. These forward-looking statements or forecasts involve known and unknown risks, uncertainties and other factors that may cause AngloGold Ashanti's actual results, performance or achievements to differ materially from the anticipated results, performance or achievements expressed or implied in these forward-looking statements. Although AngloGold Ashanti believes that the expectations reflected in such forward-looking statements and forecasts are reasonable, no assurance can be given that such expectations will prove to have been correct. Accordingly, results could differ materially from those set out in the forwardlooking statements as a result of, among other factors, changes in economic, social and political and market conditions, the success of business and operating initiatives, changes in the regulatory environment and other government actions, including environmental approvals, fluctuations in gold prices and exchange rates, the outcome of pending or future litigation proceedings, any supply chain disruptions, any public health crises, pandemics or epidemics (including the COVID-19 pandemic), and other business and operational risks and other factors. For a discussion of such risk factors, refer to AngloGold Ashanti's annual report on Form 20-F for the year ended 31 December 2019, and the Risk Factors section in AngloGold Ashanti's Prospectus Supplement dated 28 September 2020, which have each been filed with the United States Securities and Exchange Commission (SEC). These factors are not necessarily all of the important factors that could cause AngloGold Ashanti's actual results to differ materially from those expressed in any forward-looking statements. Other unknown or unpredictable factors could also have material adverse effects on future results. Consequently, readers are cautioned not to place undue reliance on forward-looking statements. AngloGold Ashanti undertakes no obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events, except to the extent required by applicable law.

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All photographs depicted showing employees and / or community members in this presentation were taken prior to the onset of the COVID-19 pandemic.



#### Disclaimer

The information in this presentation that relates to Exploration Targets, Exploration Results, Mineral Resource is based on information compiled by Mr VA Chamberlain, a Competent Person who is a Member of the GSSA. He is a full-time employee of AngloGold Ashanti Ltd. Mr VA Chamberlain consents to the inclusion in the presentation of the matters based on his information in the form and context in which it appears. The information is extracted from the report entitled Mineral Resource and Ore Reserve Statement 2021 created on 22 February 2021 and is available to view on www.anglogoldashanti.com

AngloGold Ashanti confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resource or Mineral Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

#### AGENDA



#### **Part 1:** Building a Diversified, Decisive, Sustainable Business

- **01** C
  - Christine Ramon: Overview and Strategy
  - **02 Ian Kramer:** Financial Overview
  - **03** Stewart Bailey: Sustainability
  - **04 Tim Thompson:** Exploration

#### Part 2: Technical



- Vaughan Chamberlain: Mineral Resource and Ore Reserves
- 06 Sicelo Ntuli: Continental Africa Assets



09

Ludwig Eybers: International Assets



Graham Ehm: Projects

Christine Ramon: Conclusion





# Christine Ramon Overview and Strategy

DIVERSIFIED, DECISIVE, SUSTAINABLE BUSINESS

#### AN ATTRACTIVE VALUE PROPOSITION



World's 3rd largest producer of gold, well positioned to capitalise on recent portfolio optimisations and to invest in the long-term sustainability of the business



Detailed mine-by-mine strategic growth plan to unlock full underlying value of portfolio

Growing production from **c.2.8Moz to 3.2-3.6Moz** whilst reducing AISC to **\$900-1,150/oz**<sup>1</sup> over the next 5 years

Balanced, well-defined capital allocation framework

Self-generated and self-funded **project pipeline** to support **long-term production** plans

Industry leading track record on replenishing and increasing Ore Reserve through the drill bit

Significant financial strength with \$2.8bn of liquidity and a strong balance sheet (Adjusted Net Debt/EBITDA < 1.0x)

Strong focus on ESG performance is a clear priority

#### Overview & Strategy

#### A SOLID YEAR – GOOD PROGRESS, WITH MORE TO DO





#### 01 Overview & Strategy

#### ESG IS INTEGRAL TO OUR BUSINESS PERFORMANCE



#### **Our sustainability priorities**

#### Health and Safety

Zero harm Healthy employees and communities

GOVERNANCE AND TRANSPARENCY UNDERPIN EVERYTHING WE DO



#### Enabling resilient communities

Social investment and skills training Human rights promotion and protection Support ASM formalisation efforts

#### Reducing environmental footprint

Continue reducing emissions, set new GHG targets Chart pathway to net zero Optimise energy, water, land use

#### **Inclusion and Diversity**

Inclusion and Diversity framework fostering the empowerment of all staff



#### Human Rights

Integration of robust human rights standards

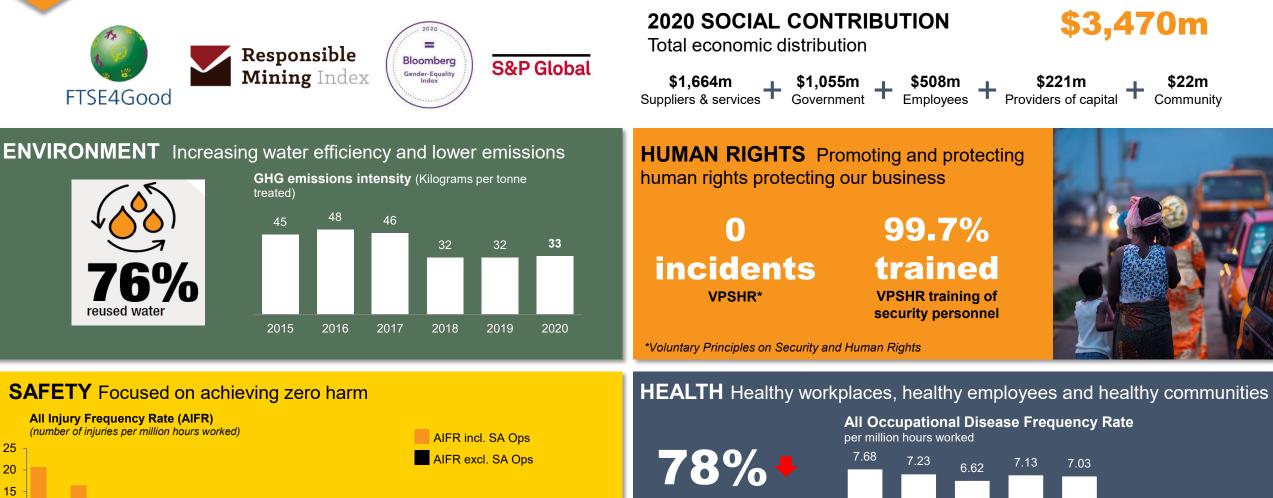
CREATING SOCIAL AND FINANCIAL VALUE





#### LEADING SUSTAINABILITY PERFORMANCE





Three-year reduction in All occupational disease frequency rate



q

0.72

1.36

#### **CONSISTENTLY DELIVERING ON COMMITMENTS**



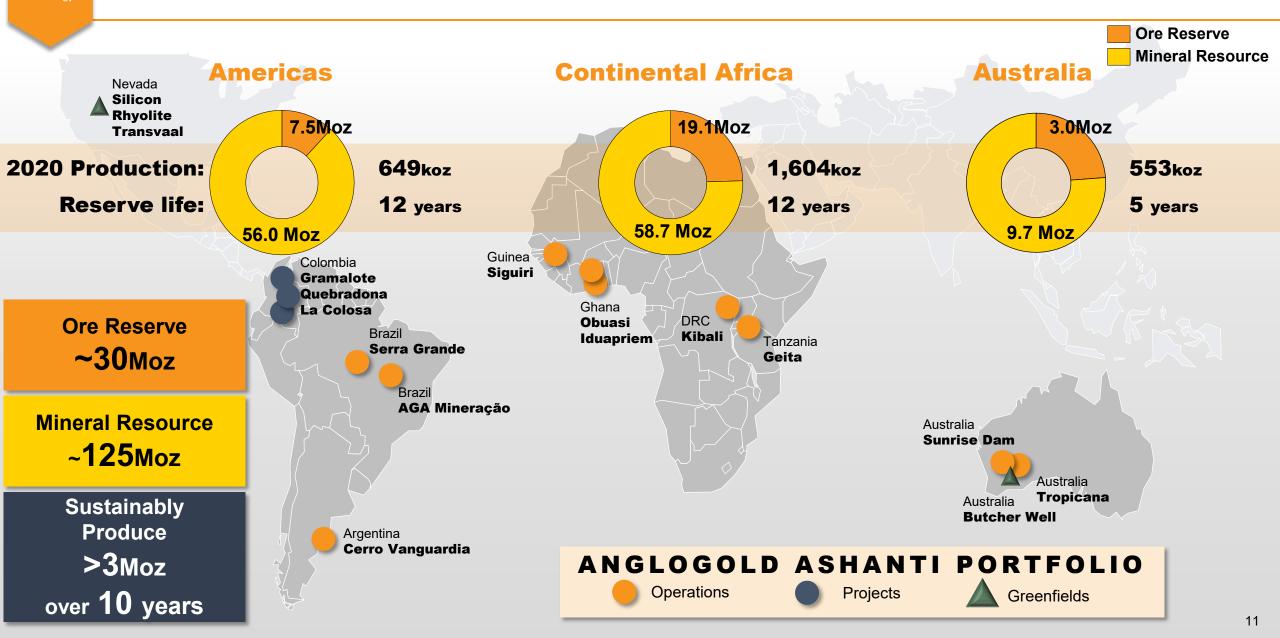
**Delivering Upon Strategic Commitments** Performance vs. Guidance Strong Balance Below target Adjusted Net Debt/EBITDA of <1.0x -0.24x as at 31 December 2020 Sheet Met or exceeded production guidan  $\square$  $\square$  $\square$  $\square$  $\square$  $\square$ Improve Dividend payments resumed in 2016 and Shareholders pay-out ratio doubled in 2020 Returns 2015 2016 2017 2018 2019 2020 Portfolio Reserve life increased to c.11 Extend LoM vears  $\square$  $\square$  $\square$  $\square$  $\square$  $\square$ Redevelopment Phase 1 completed and Phase 2 90% Of Obuasi complete at year-end 2015 2016 2017 2018 2019 2020 Portfolio Divestment of operating assets in South Met or below capital expenditure guidance Africa, and Sadiola and Morila in Mali Optimisation  $\square$  $\square$  $\mathbf{\nabla}$  $\square$  $\square$ ESG Reduced carbon emissions and improving Performance safety trend 2015 2016 2017 2018 2019 2020

ACHIEVING STRATEGIC OBJECTIVES WITHOUT EQUITY ISSUANCE

Overview & Strategy

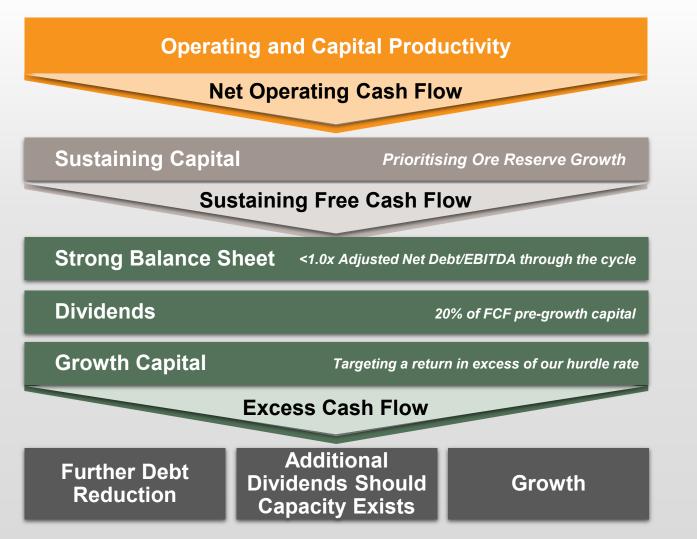
#### A DIVERSIFIED AND BALANCED PORTFOLIO WITH A ROBUST PIPELINE







#### Transparent allocation hierarchy to maximize long-term shareholder value and returns



- Reinvesting in our asset base to support the long-term sustainability of our business
- Commitment to cash returns to shareholders
- Solid balance sheet underpins flexibility and optionality through the cycle
- Growth focused on risk-adjusted returns
- Allocation of excess cash tested against shareholder returns



#### We've begun to unlock the latent potential from our existing portfolio, with more to come



## Increased portfolio Reserve life in 2020 to c.11 years through strong progress on Ore Reserve conversion

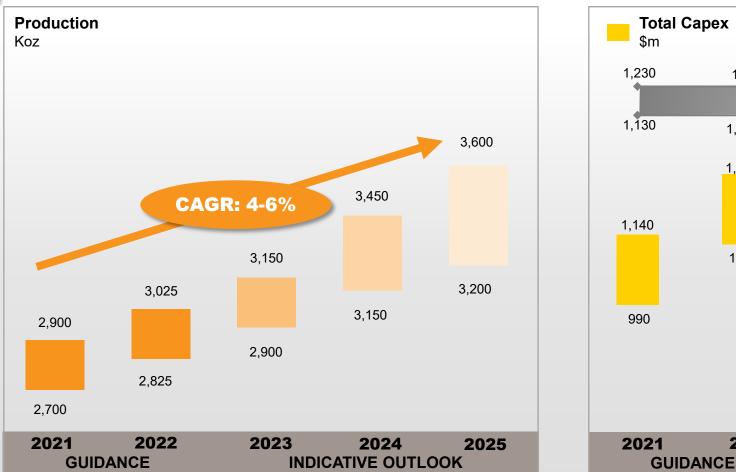
<sup>1</sup> Ore Reserve / FY2020 production

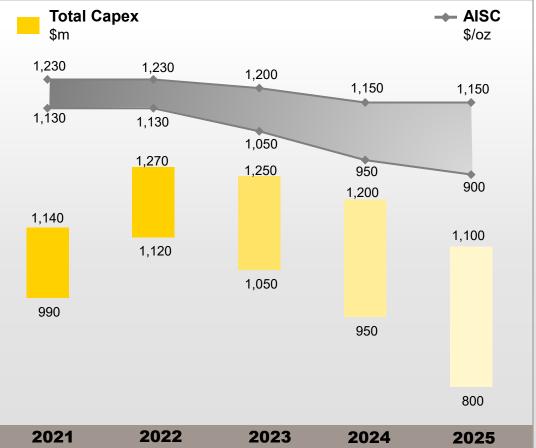
<sup>2</sup> Gross amount of Ore Reserves added in FY2020

#### 01Overview & Strategy

#### **RETURNING TO GROWTH – ATTRACTIVE LONG TERM PROFILE**







**INDICATIVE OUTLOOK** 

Economic assumptions for 2021 are as follows: \$/A\$0.72, BRL5.00/\$, AP98.00/\$, ZAR16.95/\$; and Brent \$50/bbl.

Production, cost and capital expenditure forecasts include existing assets as well as the Quebradona and Gramalote projects that remain subject to approval, Mineral Resource conversion and high confidence inventory. Cost and capital forecast ranges are expressed in nominal terms.

In addition, both production and cost estimates assume neither operational or labour interruptions, or power disruptions, nor further changes to asset portfolio and/or operating mines (excepted as described above) and have not been reviewed by our external auditors. Other unknown or unpredictable factors could also have material adverse effects on our future results and no assurance can be given that any expectations expressed by AngloGold Ashanti will prove to have been correct. Measures taken at our operations together with our business continuity plans aim to enable our operations to deliver in line with our production targets; we, however, remain mindful that the COVID-19 pandemic, its impacts on communities and economies, and the actions authorities may take in response to it, are largely unpredictable. Accordingly, actual results could differ from guidance and/or indicative outlook and any deviation may be significant. Please refer to the Risk Factors section in AngloGold Ashanti's annual report on Form 20-F for the year ended 31 December 2019 and the Risk Factors section in AngloGold Ashanti's Prospectus Supplement dated 28 September 2020, which have each been filed with the United States Securities and Exchange Commission (SEC). Furthermore, our five-year indicative outlook assumes that AngloGold Ashanti proceeds with the Quebradona and Gramalote projects.

However, the Board has not vet made a final decision on those projects and there can be no assurance that they will materialise. A negative decision or other discontinuation of those projects may have a material adverse impact on our indicative outlook.



World's 3rd largest producer of gold, well positioned to capitalise on recent portfolio optimisations and increased confidence in the long-term sustainability

STRONG MOMENTUM	SOLID FOUNDATIONS	EXCITING OUTLOOK
Consistent track record	Strong oversight of ESG performance	Long-term growth prospects and decreasing costs
Net additions of Ore Reserve & Mineral Resource	Committed to the highest governance	Proven track record of replenishing depleted ounces
Obuasi nearing completion	standards Deep talent pool of experienced	Self-generated project pipeline
Colombia projects nearing investment decision	<ul> <li>leaders and operators</li> <li>Balanced, well-represented and diverse Board of Directors</li> </ul>	Robust and flexible balance sheet Transparent Shareholder focused capital
Significant safety improvements	Industry leading exploration team	<ul> <li>allocation</li> <li>Competitive dividend policy and attractive leverage to gold price upside</li> </ul>
Catalysts to Unlock Further Value		
Unwind Cash Lockups	Growing Ore Reserves	Obuasi Phase 2 Completion
Colombia Investment Decisions	Capital and Cost Discipline	Climate Targets



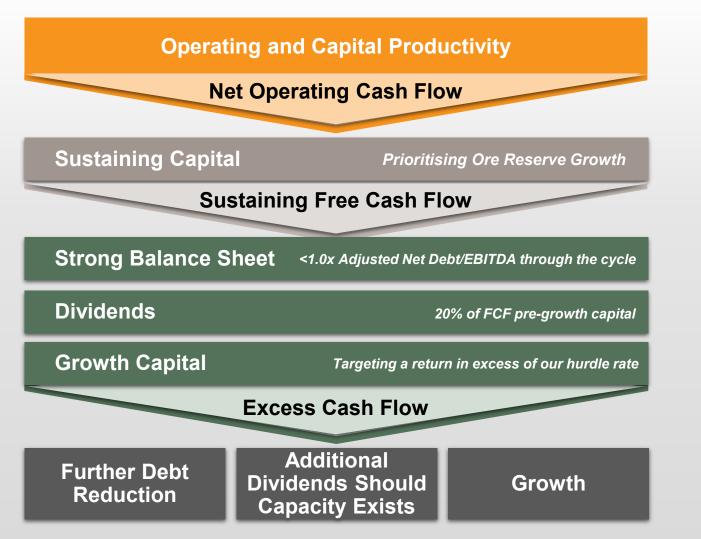


# lan Kramer Financials

ENSURE FINANCIAL FLEXIBILITY AND OPTIMISE OVERHEADS, COSTS AND CAPITAL EXPENDITURE



#### Transparent allocation hierarchy to maximize long-term shareholder value and returns



- Reinvesting in our asset base to support the long-term sustainability of our business
- Commitment to cash returns to shareholders
- Solid balance sheet underpins flexibility and optionality through the cycle
- Growth focused on risk-adjusted returns
- Allocation of excess cash tested against shareholder returns



#### Strong track-record of operating and developing projects on-budget, with initiatives to reduce the capital intensity of the business

# Sustaining Capex Total 5Y cumulative Sustaining Capex: \$3.2bn - \$3.7bn Capex intensity expected to decline in the outer years as targeted Ore Reserve levels are achieved

✓ Sustaining capex for next five years estimated at an average of \$640m to \$740m per year

and Brazilian tailings compliance spend reduces

Average intensity of c.\$260/oz to \$290/oz normalised at c.\$160/oz to \$200/oz in outer years

#### ✓ Key areas of additional spend in 2021:

- Ore Reserve Development and Deferred Stripping excl. Obuasi (c.\$30/oz)
- ✓ Growing Mineral Resource and Ore Reserve (c.\$20/oz)
- TSF compliance capital in Brazil (c.\$20/oz)
- TSF expansions at Iduapriem, Tropicana and Siguiri (c.\$15/oz)
- ✓ Obuasi ORD and SIB (c.\$30/oz)

# Growth CapexTotal 5Y cumulative Growth Capex:<br/>\$1.7bn - \$2.3bn\$1.7bn - \$2.3bnGrowth capex for next 5 years estimated to amount<br/>to an average of \$340m to \$460m per yearObuasi redevelopment fully completed in 2022Gramalote project spend forecast at c.\$900m to \$1bn<br/>(100% basis), based on PEAQuebradona project spend forecast at c.\$1.3 –

- Quebradona project spend forecast at c.\$1.3 –
   \$1.4bn based on the updated PFS
- ✓ Gramalote will contribute an average estimated c.250koz to 300koz (100% basis) at an estimated AISC of c.\$600/oz to \$700/oz
- Quebradona will contribute a copper AISC with an estimated margin of c.60% to 70%

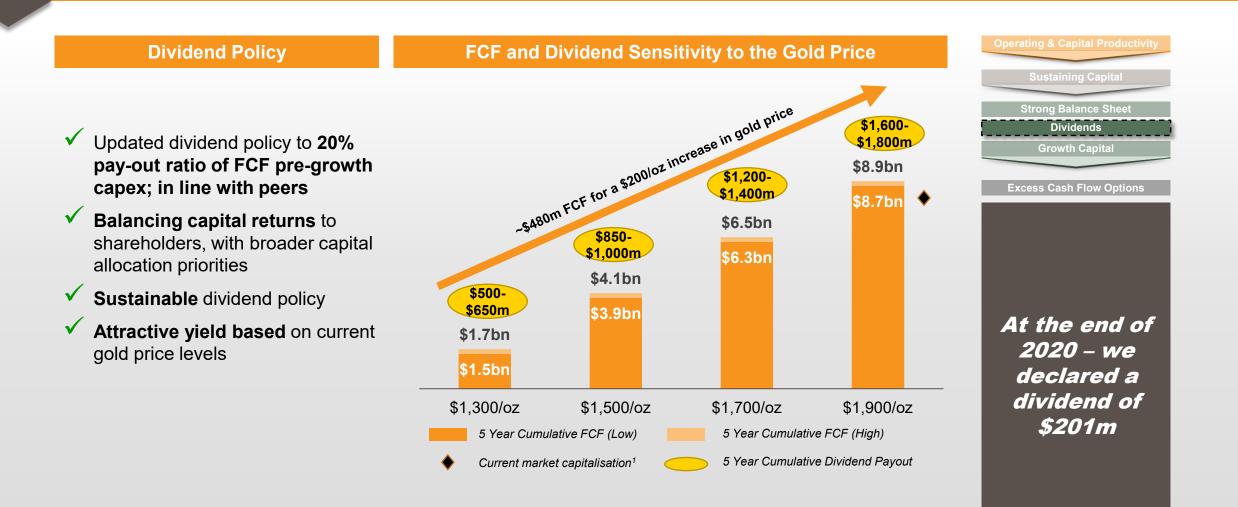


#### **Excess Cash Flow Options**

Sustaining and Growth Capex to drive Ore Reserve and production growth, as well as longterm cash flow generation

#### **BALANCING CAPITAL RETURNS TO SHAREHOLDERS**





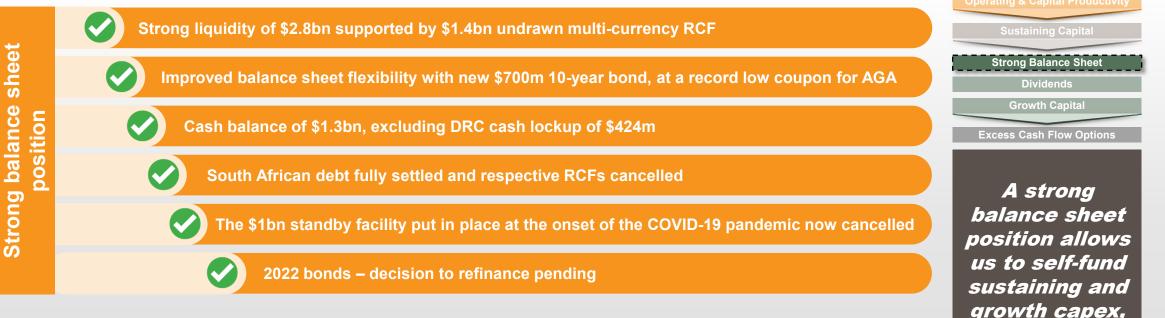
Free cash flow ranges shown are after accounting for Sustaining and Non-Sustaining (Growth) Capital, but before dividends Free Cash Flow assumptions as of February 16, 2021; \$1,300 gold price base generates ~\$1.5 – 1.7bn Free Cash Flow from our five-year outlook Production, cost and capital forecasts includes existing assets, Quebradona and Gramalote which remain subject to approval, Mineral Resource conversion and high confidence inventory All financial metrics are expressed in nominal terms <sup>1</sup> Market capitalisation as of 22 February 2021



#### STRONG BALANCE SHEET POSITION



#### Debt at the lowest levels in a decade



#### Managing near term debt



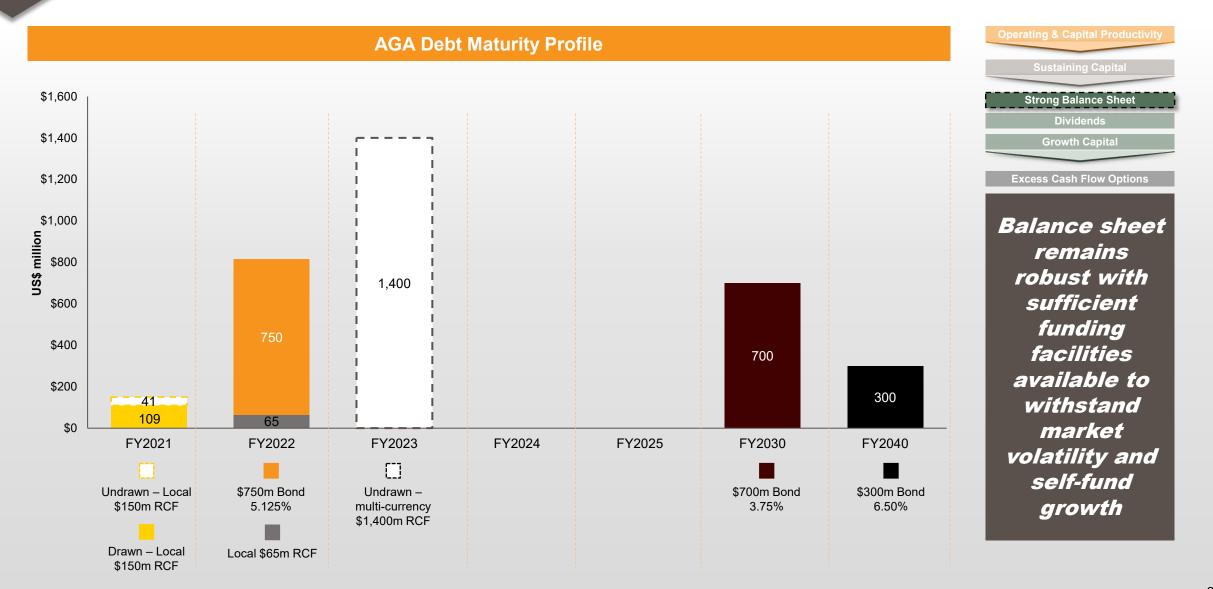
- Liquidity management options for 2022 bonds
  \$1.4bn multi-currency RCF maturing in 2023
  Ample headroom for project funding
  - Monitoring COVID-19 impact

#### **Cumulative Five-Year Outlook**

- Debt repayments
  - \$700m \$1.0bn
  - Target <1X Net Debt: EBITDA through the cycle
- Interest payments
  - \$400m \$500m

A strong balance sheet position allows us to self-fund sustaining and growth capex, reduce debt and continue to maintain the current dividend strategy





#### EXCESS CASH FLOW FURTHER DELIVERING SHAREHOLDER RETURNS



# Allocation of excess cash flow will be evaluated against additional returns to shareholders



- Targeting a return in excess of our hurdle rate
- Will pursue value accretive opportunities



Merits of further debt repayment to be considered based on through-the-cycle free cash flow generation and **optimal capital structure that maximizes shareholder value** 

Additional Returns

- **Dividend** dependent on the gold price and above items, and other capital allocation decisions
- **Further capital returns** considered when debt reduction and reinvestment needs are satisfied, and capacity exists

Strong Balance Sheet Dividends Growth Capital Excess Cash Flow Options Excess generated cash flow will be used to maximise shareholder returns





# **Stewart Bailey Sustainability**

STRONG ESG PERFORMANCE UNDERPINS SUSTAINABLE BUSINESS SUCCESS



#### **ANGLOGOLD ASHANTI'S SUSTAINABILITY MISSION**

To ensure the RESPONSIBLE DEVELOPMENT of natural resources in MEANINGFUL PARTNERHIPS with our host governments and communities. We aim to ensure AngloGold Ashanti has the social licence to operate, allowing it over the long-term to generate IMPROVED RETURNS for providers of capital, and to provide increased DEVELOPMENT OPPORTUNITIES for employees and other stakeholders.

# **OUR VALUES**





The Health and Safety of employees is our first value.



We treat each other with dignity and respect.



We value diversity.



We are accountable for our actions and undertake to deliver on our commitments.



We want the communities and societies in which we operate to be better off for AngloGold Ashanti having been there.



We respect the environment.

#### 03 Sustainability ESG IS CENTRAL TO OUR BUSINESS DECISIONS



#### Sustainability priorities

GOVERNANCE AND TRANSPARENCY UNDERPIN EVERYTHING WE DO





**Enabling resilient communities** 

Reducing environmental footprint

**Inclusion and Diversity** 



Human Rights

**Health and Safety** 

CREATING SOCIAL AND FINANCIAL VALUE

SUSTAINABILITY IS EMBEDDED IN OUR VALUES, COMPENSATION AND OBJECTIVES



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#### 1. Robust Board Oversight

- Active Board oversight and engagement on sustainability issues
- Social, Ethics and Sustainability Committee oversees detailed sustainability performance and governance
- Audit & Risk Committee oversees risk management, including sustainability-related issues

#### 2. Best-in-class Policies and Standards

- World class stable of policies, standards and frameworks aligned with global good practices
- Policies operationalized through robust management systems
- Systems include safety, health, environment, community affairs, tailings management, security, human rights and closure

#### 3. Active Management Oversight

- Executive management team has direct accountability for all aspects of the business, including sustainability
- Internal Climate Change Working Group oversees corporate climate change strategy
- Monthly and ad hoc reporting across all operating sites and disciplines where key issues are discussed

#### 4. Comprehensive Risk and Assurance Review Process

- Internal: Detailed Combined Assurance audit of all sites annually/ biannually, led by Internal Audit, supported by all functional sustainability disciplines
- External: Includes World Gold Council Responsible Gold Mining Principles, ICMM Mining Principles, ISO14001, ISO 45001 aligned with best practice
- AuRisk comprehensive proprietary risk management system tracks performance on risk identification and mitigation measures



Unaudited 2020 figures

#### HEALTH & SAFETY APPROACH DELIVERS REAL GAINS AND SAVES LIVES

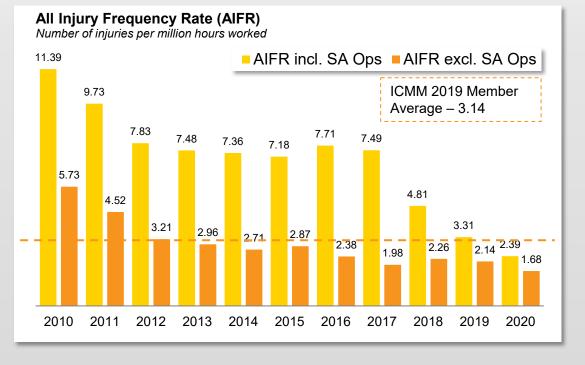


**3** GOOD HEALTH AND WELL-BEING

#### The health and safety of employees is our first priority

#### **Driving towards zero harm**

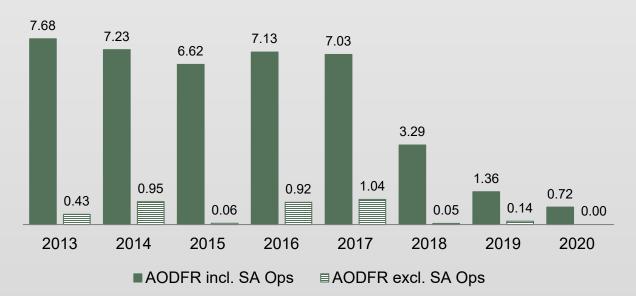
- All sites OHSAS 18001:2007 certified
- Sunrise Dam, Siguiri, Geita, Tropicana and Cerro Vanguardia converted to ISO 45001:2018; others scheduled to convert
- Safety strategy reassessed biennially



#### Healthy workplaces, employees and communities

- 47% reduction in occupational illness rate since 2019
- Focused closely on reducing workplace exposures
- Optimizing employee fitness for work and general wellbeing

All Occupational Disease Frequency Rate per million hours worked



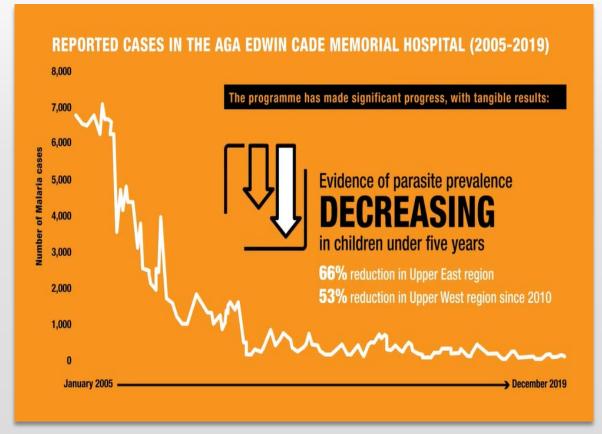
#### Note: Only reported from 2013

#### 03 Sustainability HEALTH & SAFETY



#### A world-class example of delivering social value

**Protecting more than 1 million people from malaria...extended to 16 districts in Ghana...** 



### All Africa sites have community-based malaria control programmes

- More than 90% reduction in malaria cases in Obuasi since inception
- More than a million people protected from malaria
- Significant drop in related school/work absenteeism
- More than 1,300 seasonal community jobs created annually





#### **1. EMISSION REDUCTIONS ACHIEVED**

Innovative methods used to reduce emissions intensity

2. TCFD DISCLOSURE IN 2021 Disclosure in line with TCFD Recommendations set for 2021

#### **3. RENEWABLES FOR NEW PROJECTS** Hydropower used in Kibali, Brazil; to feature strongly in Colombia

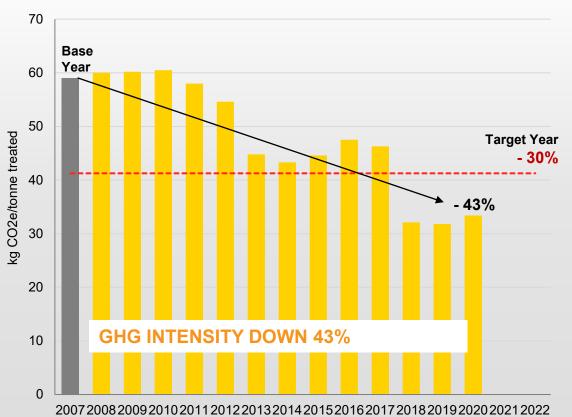
**4. NEW GHG TARGETS – COMMITTED TO NET ZERO** Setting new targets; committed to charting a pathway to net zero

#### **CC WORKING GROUP TO DEVELOP NEW CC** STRATEGY

- Conducted physical risk and adaptation assessments at sites
- Assessed carbon pricing risk in our countries of operation
- Recommend CC metrics/targets, including for decarbonisation
- Increasing level of CC integration into our business processes

Scope 1 & 2 GHG Emissions Intensity

Target - 30% reduction off 2007 Base





#### 03 Sustainability RESPONSIBLE TAILINGS STEWARDSHIP



#### Robust governance framework

#### **OPERATIONAL MANAGEMENT**

TSF operator/superintendent manages day-to-day operation

Plant/process manager is the TSF "Owner"; implements TSF operations materials

External Engineer of Record/TSF Designer ensures TSF is operated to design intent

#### REGIONAL MANAGEMENT

5

5

- Provide technical guidance to operations
- Conduct quarterly TSF Reviews

Monitor implementation of recommended actions

#### INDEPENDENT CORPORATE REVIEW

Leads GISTM implementation and Custodian of AGA's Tailings Management Framework

CONTRACTOR NO.

Conducts formal TSF audits and reviews TSFs for projects and M&A

#### THIRD PARTY REVIEW

External third-party review of TSFs

Committed to implementing Global Industry Standards on Tailings Management

Four levels of assurance

22 TSFs: 15 active, 7 inactive

\$70m – \$80m investment in conversion to dry-stack tailings in Brazil in 2021





#### An imperative to build a business that better reflects society



- Oversight from the Sustainability, Ethics and Social Committee and have a specific policy Gender Equality and Empowerment of Women policy
- Gender assessments conducted across all sites highlighted key areas of focus and improvement
- Diversity goals are embedded in leadership KPIs
- Signatory to UN Women's Empowerment Principles



#### 03 Sustainability RESPECTING HUMAN RIGHTS IS FUNDAMENTAL TO OUR BUSINESS



10 REDUCED

8 DECENT WORK AND ECONOMIC GROWTH



#### We treat each other with dignity and respect.

**BEST-IN-CLASS HUMAN RIGHTS** Zero reported human rights incidents

- Global Human Rights Policy applies to employees, contractors and other business partners including supply chain, state actors and joint venture partners.
- 99.7% of security staff trained in Voluntary Principles on Security and Human Rights
- 11,574 people received Human Rights Awareness Training
- All sites have grievance and independent anonymous whistle-blowing mechanisms for internal and external stakeholders
- All sites have conducted human rights due diligence assessments

#### **RESPECT FOR INDIGENOUS PEOPLES**

- One country of operation (Australia) where Indigenous Peoples are adjacent to our sites
- Constructive engagement with co-created agreements in place
- Policies on Indigenous Peoples and Cultural Heritage Management publicly available on corporate website
- Policy is aligned with International Standards and conventions, such as the ICMM Position Statement on Indigenous Peoples and the International Finance Corporation's Performance Standard 7 on Indigenous Peoples

#### 03 Sustainability



#### Our aim is to make positive impacts wherever we operate by developing skills in our host communities and spending locally to build capacity in these markets

#### Build strong partnerships

• Establish and maintain strong partnerships, with host communities, governments and other stakeholders

#### Mitigate social and environmental impact

Proactively identify and mitigate past, current and future impacts; ensure clear, practical grievance mechanisms in place

#### Enhance community resilience

• focus on improving social infrastructure, health facilities/services, SME development education, training and skills development, and SME development

#### Focus on local employment and buying

• Develop skills locally and target local employment; make every reasonable effort to procure goods and services locally and drive strategic partnerships to create local employment, facilitate skills transfer, and realise economic value-addition



We want the communities and societies in which we operate to be better off for AngloGold Ashanti having been there



8 DECENT WORK AND

#### We're working with our host communities to grow resilience

We have undertaken community development initiatives to maximise impact in:

2 ZERO HUNGER

555

10 REDUCED

3

GOOD HEALTH AND WELL-BEING

**SUSTAINABLE CITIE** AND COMMUNITIES

- **Food security** stimulating commercial-level agriculture using locally adapted and hardy seed mixes (Colombia, Guinea, Tanzania)
- **Community energy-source switching** to realise health and emission-mitigation benefits
- Water security a highlight is Geita town's water project to offset the impact of severe drought
- Waste management and sanitation to reduce the risk of waterborne and pollution-related illness
- Education and youth development to increase access to quality education and youth/women development

- Broadening the economic base and skills beyond mining to reduce dependency on artisanal and small-scale mining (ASM) and our operations (Brazil, Colombia, Guinea, Tanzania)
- **Social infrastructure –** development of roads to improve safety, cut travel times and reduce the effects of localised flooding (Guinea, Ghana)
- Local employment increase the skills of our host communities through education and training, thereby increasing local talent pool on
- **Community awareness** environment and climate change, greening initiatives and climate adaptation
- Socio-economic development contributions directed at addressing community developmental needs

4 QUALITY EDUCATION

13 CLIMATE ACTION

6 CLEAN WATER AND SANITATION

15 LIFE ON LAND

17 PARTNERSHIPS FOR THE GOALS

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We want the communities and societies in which we operate to be better off for AngloGold Ashanti having been there.

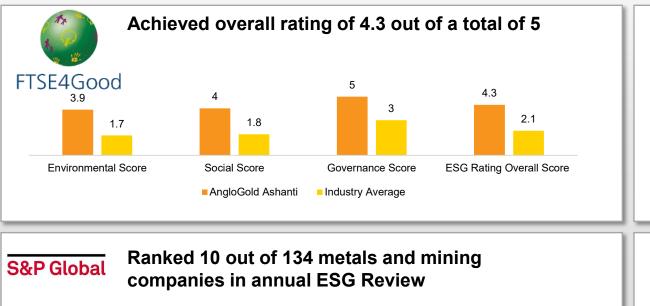


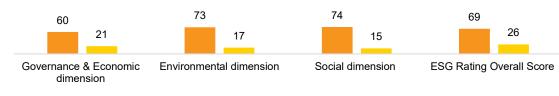


#### Is independently ranked above industry average

We engage openly with index providers, which rate our sustainability performance, we are committed to sustainable practices and accountability

Responsible Mining Index





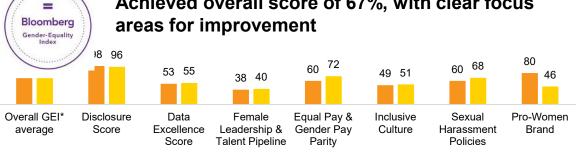
Industry Average

AngloGold Ashanti

2.76 2.74 2.51 2.38 2.35 2.28 1.8 1.8 1.7 1.2 1.1 0.9 **Business conduct** Lifecvcle Working conditions Economic Community Environment management wellbeing dimension AngloGold Ashanti Industry Average 2020 Achieved overall score of 67%, with clear focus

Ranked 4th out of 38 companies; ranked first

emerging market company for site-level results



AngloGold Ashanti

#### Sustainability ESG DRIVES OUR BUSINESS PERFORMANCE

03

GOVERNANCE

AND

TRANSPARENCY

UNDERPIN

**EVERYTHING** 

WE DO



#### **Sustainability Priorities**

Health and Safety Implement revised safety strategy

Drive toward Zero harm in workplace and communities Maintain compliance with COVID-19 protocols

#### **Enable resilient communities**

Launch community acceptance survey, reduce grievances Continue COVID-19 support, focus on vaccination Local procurement, hiring, skills development

#### **Reducing environmental footprint**

Continue reducing emissions, set new GHG targets Chart pathway to net zero Optimise energy, water, land use

#### **Inclusion and Diversity**

Drive continued diversity across all levels Further training and development Young Leaders Programme

#### **Human Rights**

DD assessment at all sites Further training Initiate assurance in line with WGC and ICMM CREATING SOCIAL AND FINANCIAL VALUE

Sustainability is embedded in our values, compensation and objectives





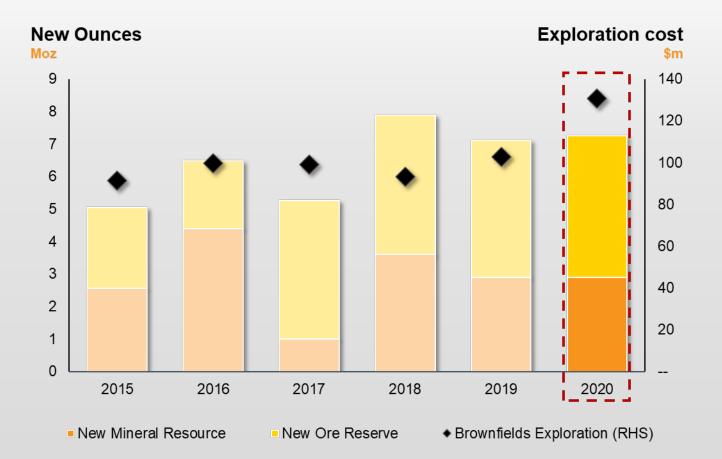
## Tim Thompson Exploration

PLANNING FOR THE FUTURE

#### Success to Date

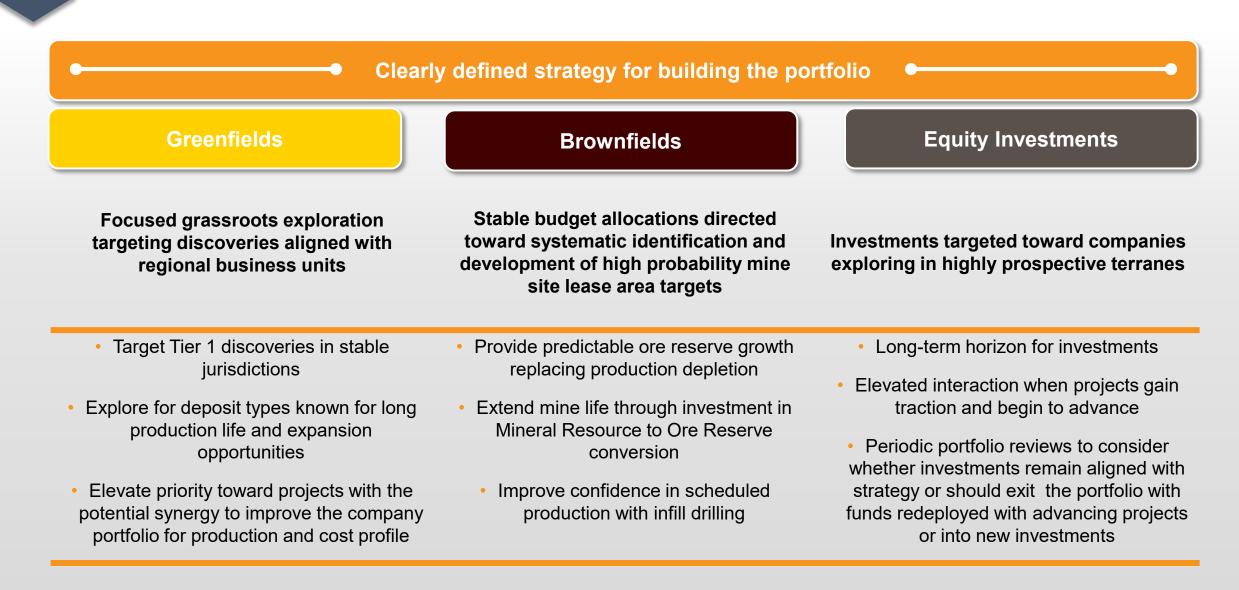
- 19.2 Moz in New Ore Reserve added during the last 5 years
- 15.4 Moz in New Mineral Resource added during the last 5 years
- Average annual Brownfields Exploration cost of \$105m over the last 5 years, representing an all-in \$27.33/oz for new Ore Reserves added
- Two new discoveries in the past 15 years are now in operation with two more advancing through study phases

Strong track record of delivering new Ore Reserve and Mineral Resource at a low exploration cost





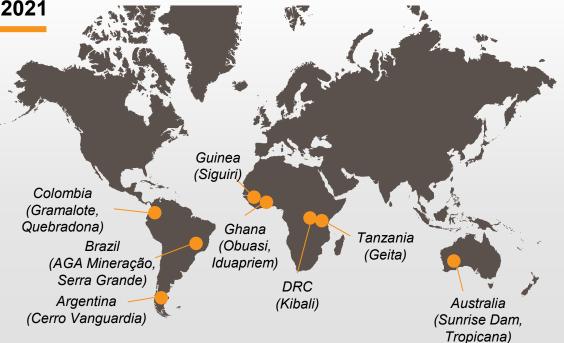






#### \$150m – \$160m Brownfields Exploration Investment in 2021

- Sunrise Dam drilling in Vogue extensions and the new Frankie discovery creates optionality
- Geita's Nyamulilima discovery and Geita Hill Underground start up provide new supplementary ore feed sources
- Brazil Mineração drilling programs at Cuiaba and Corrego do Sitio will expand optionality
- Cerro Vanguardia continues to convert Mineral Resource to Ore Reserves to extend mine life

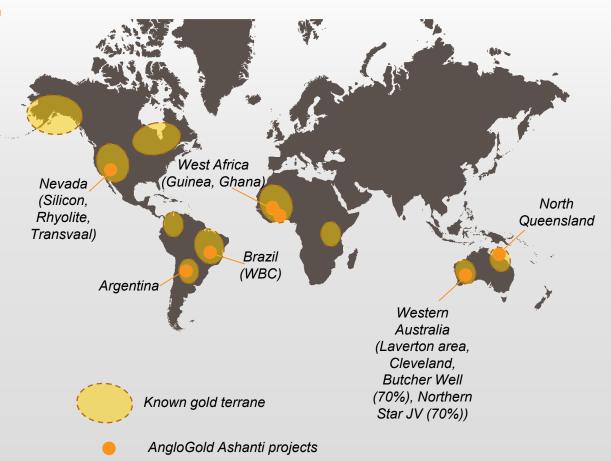


Targeting +3.5 MozCompany-wide Ore Reserve Additions in 2021



### \$30 – \$35m Greenfield Project Areas in 2021

- Terrane scale target generation and monitoring yielded several new concepts to advance in 2021
- District scale prospects identified will advance through peer reviewed stage gates to the drill target stage if successful
- Focused drilling is planned for established drill targets in Western Australia and Nevada
- Priority on advancing successful projects, replenishing the project pipeline and dropping projects that do not pass peer stage gate reviews

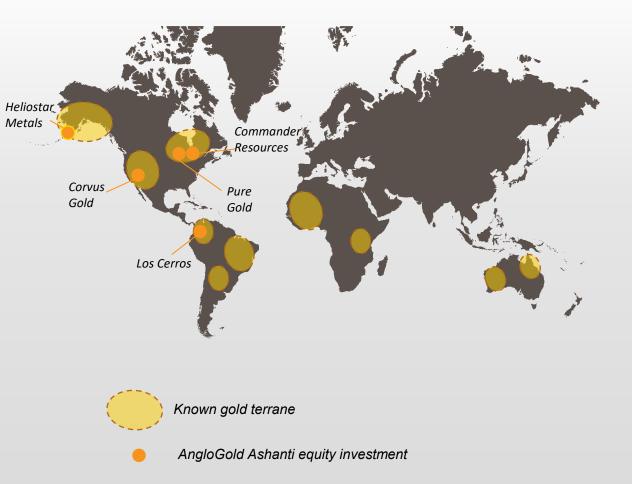


## **OPTIONALITY CREATED BY SELECT INVESTMENTS**



#### **Key Investments Update**

- Pure Gold Mining has produced first gold at the Madsen mine near Red Lake, Ontario
- Corvus Gold is conducting advanced
   exploration in Southern Nevada
- Corvus Gold recently released updated PEA studies for the North Bullfrog and Mother Lode projects
- AngloGold Ashanti actively monitors for companies with new early-stage projects that may be a fit for the company portfolio if their exploration programs are ultimately successful

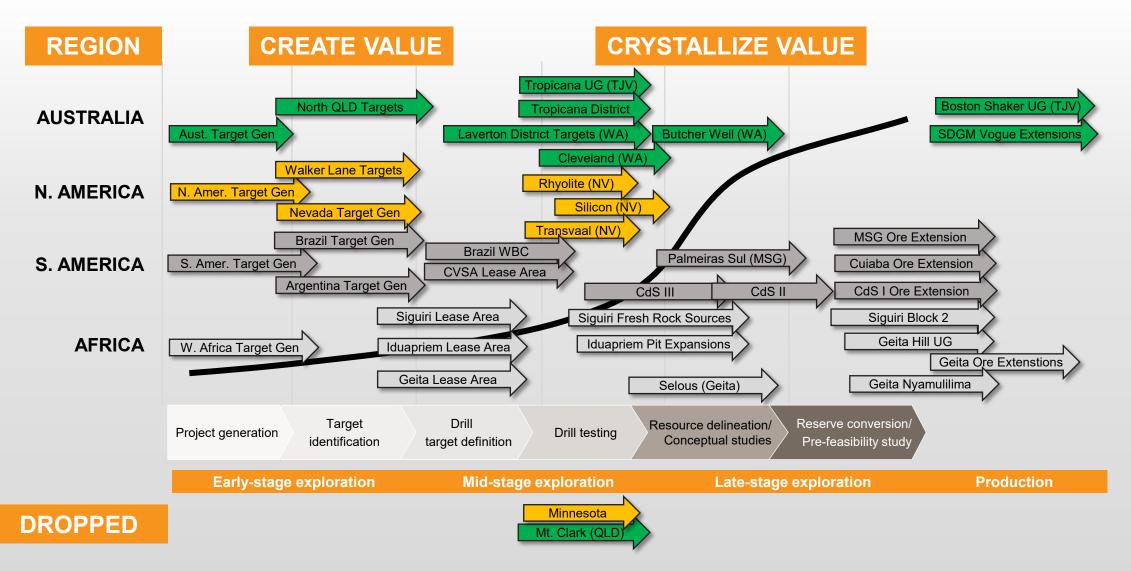


#### 04 Exploration

## ROBUST PIPELINE OPTIONALITY TO SUPPORT LONG-TERM PRODUCTION

## ANGLOGOLDASHANTI

## Transforming geological concepts to gold production



# time for



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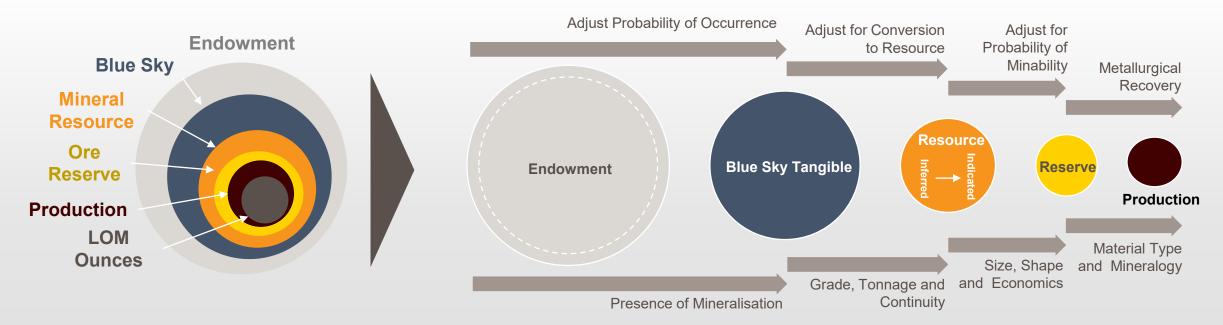


## Vaughan Chamberlain Mineral Resource and Ore Reserv

UNDERPINNED BY APPROPRIATE MINERAL RESOURCE MANAGEMENT PROCESSES AND PROTOCOLS



## Significant Endowment and Blue Sky Tangible Potential Beyond Resources



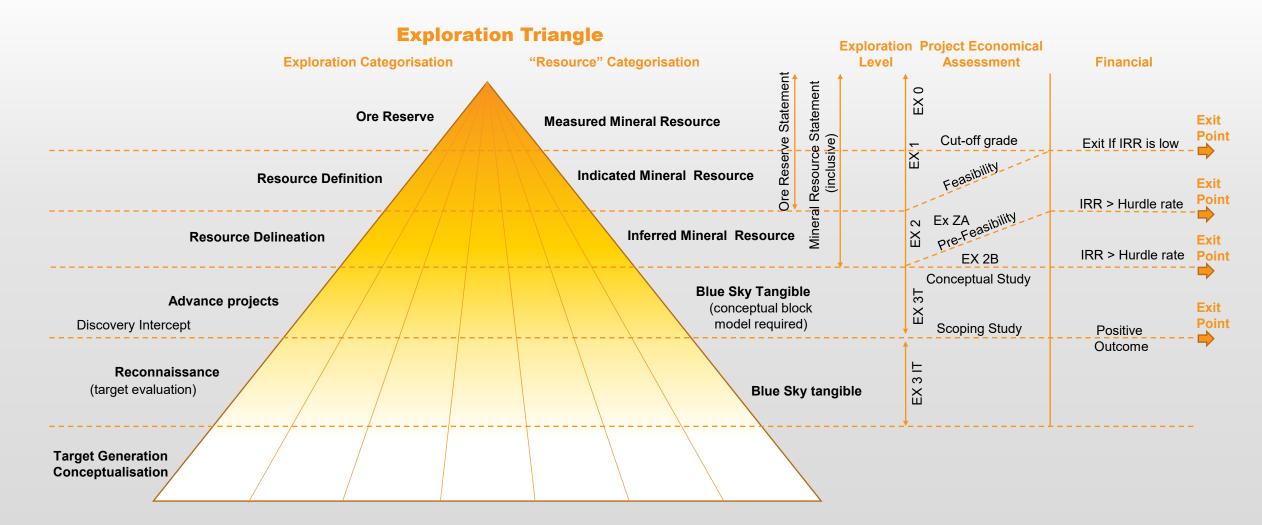
	Illustrative Conversion Factors			Incr
	Category	Conversion	Loss	
C	Blue Sky	100%		\$26/
	Inferred Mineral Resource	50%	-50%	<ul> <li>Targeting to</li> </ul>
	Indicated Mineral Resource	30%	-20%	Resou
6	Measured Mineral Resource	25%	-5%	

#### Incremental Exploration and Development Costs





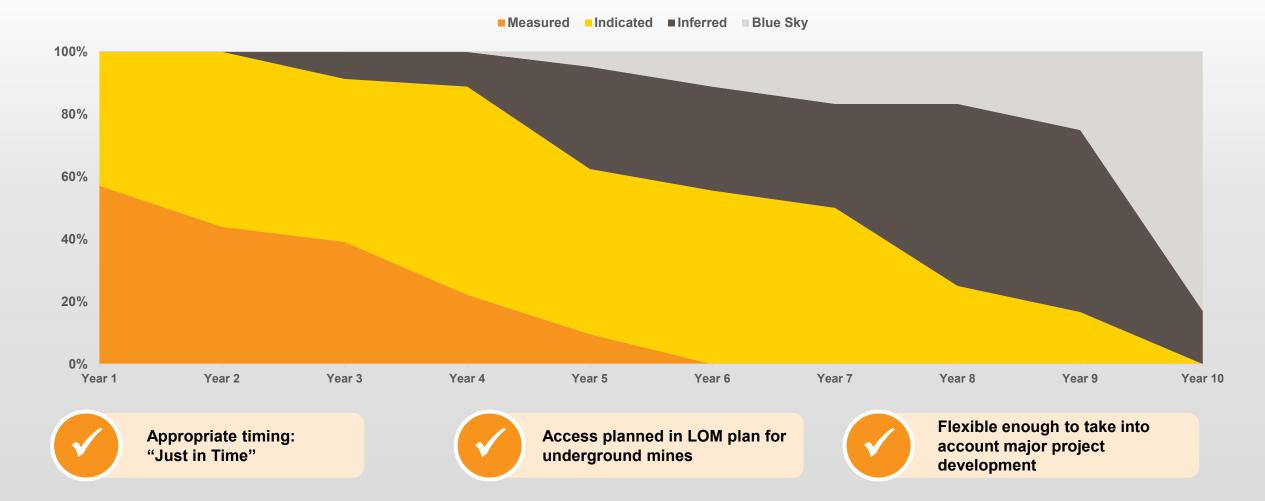
### Exploration levels are described by the level of "confidence" targeted by the process







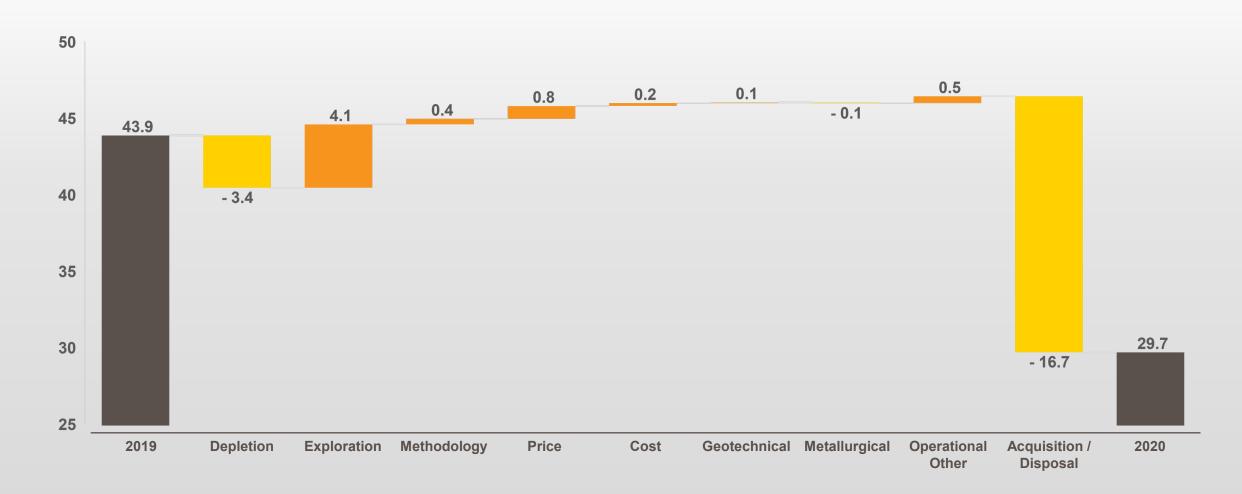
### Driving Confidence in the Plan – Illustrative example



05 Mineral Resource & Ore Reserve



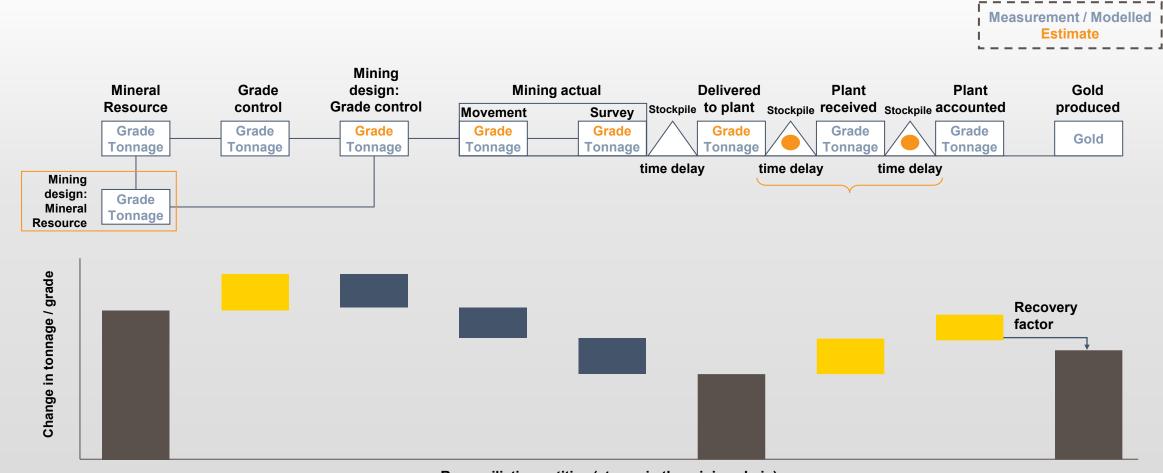
### **Exploration Alone is More than Replacing Annual Depletion**



05 Mineral Resource & Ore Reserve



### Idealised Reconciliation Chain of Produced Grade and Tonnage







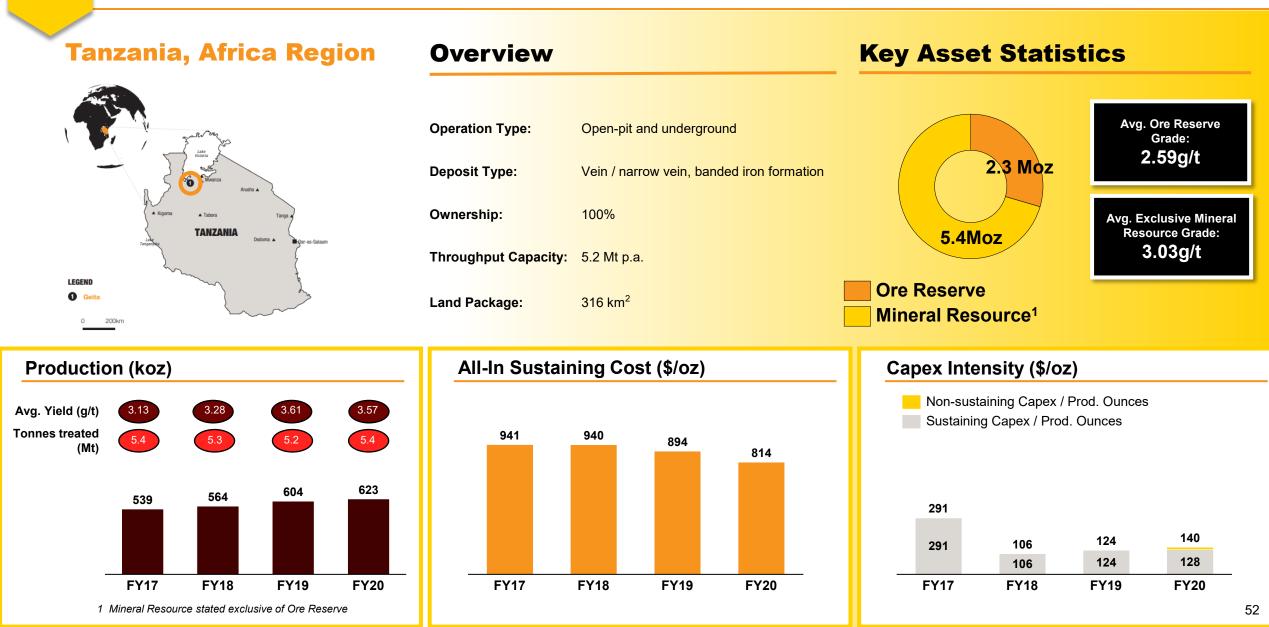
## Sicelo Ntuli Africa Region Asset

GEITA, KIBALI, SIGUIRI, IDUAPRIEM



## GEITA – WORLD CLASS GEOLOGY, PROVEN TRACK RECORD

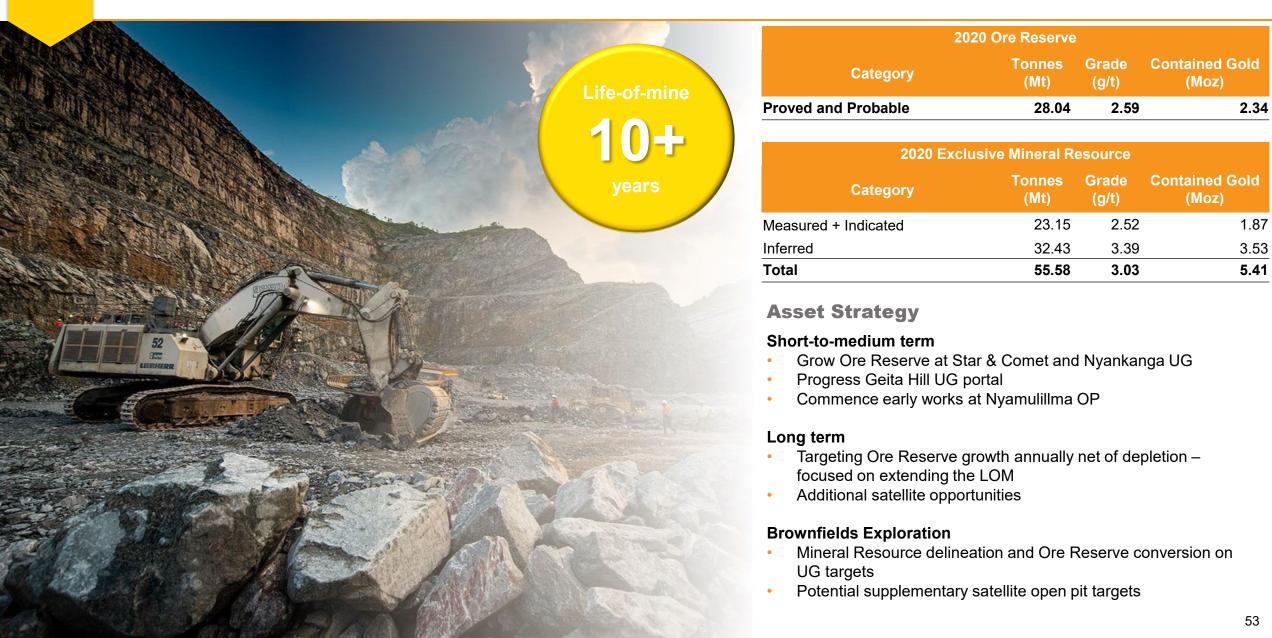






## **GEITA – ENORMOUS POTENTIAL REMAINS IN A LARGE LEASE**







## GEITA OUTLOOK – EXTENDING MINE LIFE WITH HIGH QUALITY TARGETS



#### **Five-year asset outlook**

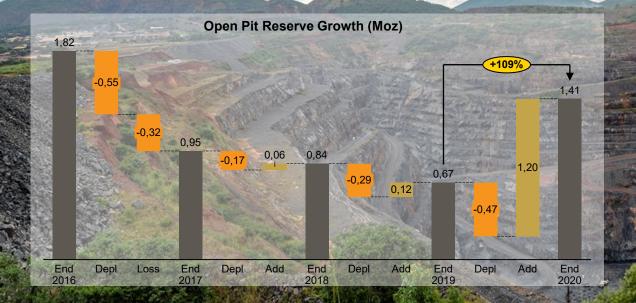
- Dip in production over the next two years from elevated 2020 levels
- In the 2023 to 2025 production normalises to 500 550kozpa, with a declining AISC
- Plant throughput maintained throughout the period at c. 5.4mtpa

#### **Base plan**

- Nyankanga, Geita Hill, Star & Comet, Ridge 8 underground
- Nyamulilima Open Pit

#### **Upside potential**

- Down-plunge extensions of main deposits at UG operations
- Nyamulilima satellite targets
- Matandani-Kukuluma Terrain refractory deposits
- Provide opportunity to maintain full plant throughput to 2034

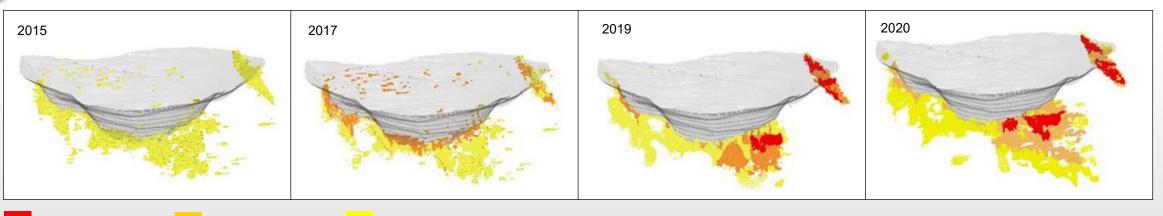






## **GEITA – NYANKANGA STEADY DRILLING SUCCESS AND GROWING MOMENTUM**



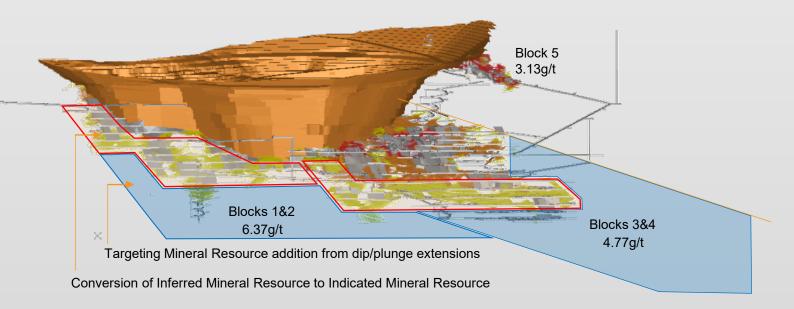


Measured Resource

Indicated Resource

Inferred Resource

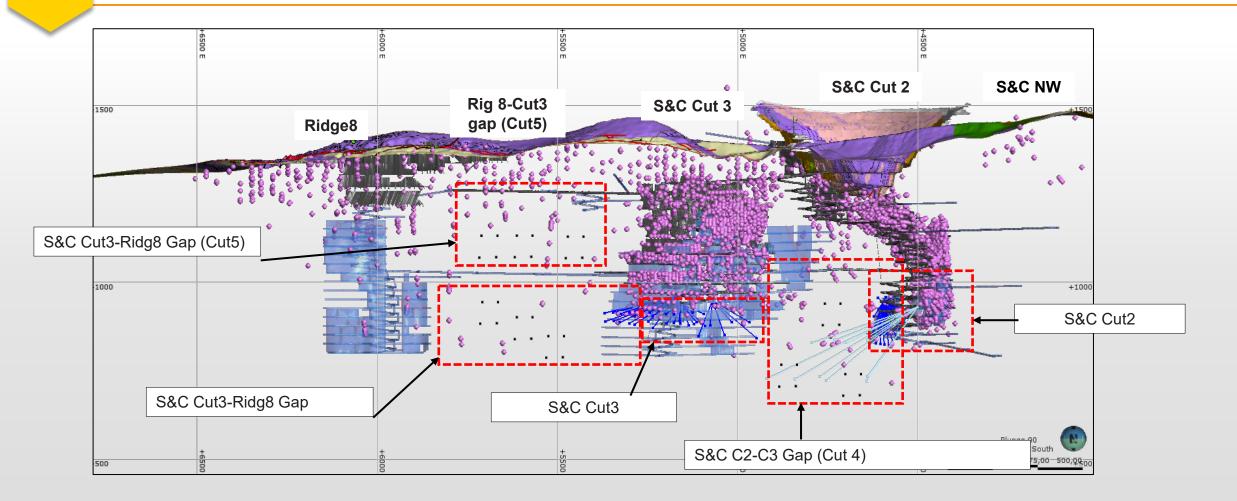
- Ramping up production in Blocks 3, 4 and 5
- Development ongoing at Block 1 an additional platform for exploration and production
- Successful Mineral Resource to Ore Reserve conversion ongoing underpinned by exploration





## GEITA – STAR & COMET, RIDGE 8 – SUCCESS AT FILLING IN THE GAPS





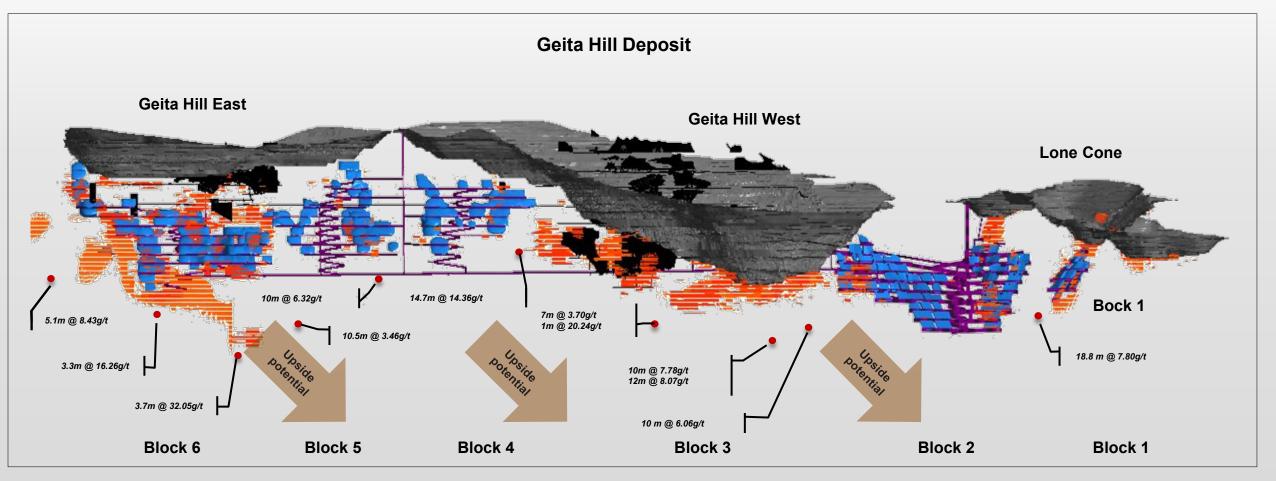
Assay value above 2 g/t

Underground Mine design Advance Underground infrastructure



## GEITA – GEITA HILL DEPOSIT – TESTING FOR DOWN-PLUNGE EXTENSIONS ANGLOGOLDASHANTI

- Portal development at Geita Hill West pit commenced in Q4 2020 to access blocks 1&2 in 2021
- The development will look to unlock 1.5Moz of Mineral Resource over the next 5 years
- Upside potential of down-plunge extensions will be tested from underground exploration platforms





## **GEITA – NYAMULILIMA DISTRICT – STRONG START AND MORE TO COME**

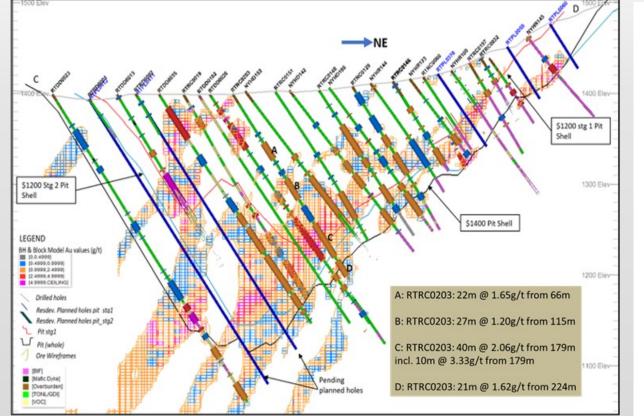


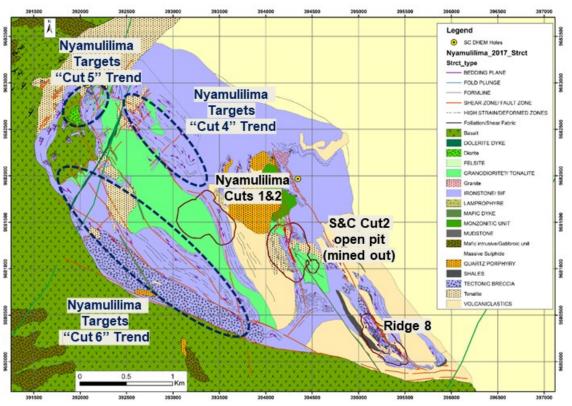
#### Nyamulilima OP

- 1.0 Moz Ore Reserve declared at the end 2020
- Extends Open Pit Life of Mine to ~5 years
- Exploration continues on strike and dip extensions

#### **Nyamulilima District Targets**

• Highly prospective exploration targets within the district are priority targets in the exploration program

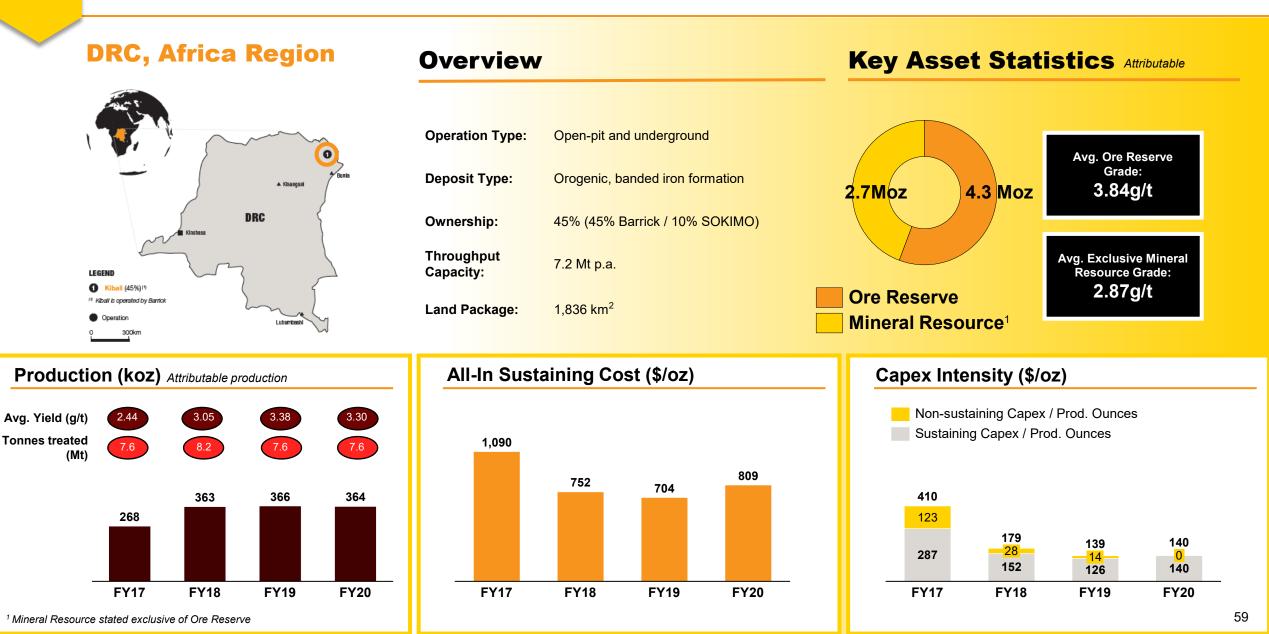






## KIBALI – PREMIER ASSET, HIGH MARGIN AND LONG LIFE











2020 Ore I	Reserve (Attribu	ıtable)	
Category		Grade (g/t)	Contained Gold (Moz)
roved and Probable	34.41	3.84	4.25
2020 Exclusive Mi	inoral Posouro	o (Attribu	utable)
	ineral Resource	= (Allinol	ulable)

Category	Tonnes (Mt)	Grade (g/t)	Contained Gold (Moz)
Measured + Indicated	21.25	2.91	1.98
Inferred	7.49	2.79	0.67
Total	28.75	2.87	2.65

#### **Asset Strategy**

#### Short-to-medium term

- Maximising UG production and supplementing plant throughput with OP
- Exploration targeted to replace depletion and provide a pipeline of new projects

#### Long term

- Evaluation of UG opportunities beneath open pits
- Exploration focused on down plunge extensions as well as lease area opportunities

#### **Brownfields Exploration**

- UG exploration is focussed on delineating down and up plunge extensions on existing and new mined structures.
- Exploration of previously un-tested mineralisation corridors



## **KIBALI OUTLOOK – KEEPING THE MOMENTUM GOING**



#### **Five-year asset outlook**

- Steady production outlook
- Plant throughput maintained throughout the period at c. 7.2mtpa

#### **Base plan**

- Primary production sourced from KCD Underground
- Supplementary ore sourced from open pits,
  - Short term KCD Pushback 3, Gorombwa and Sessenge
  - Medium term Pamoa, Kalima and Ikamva

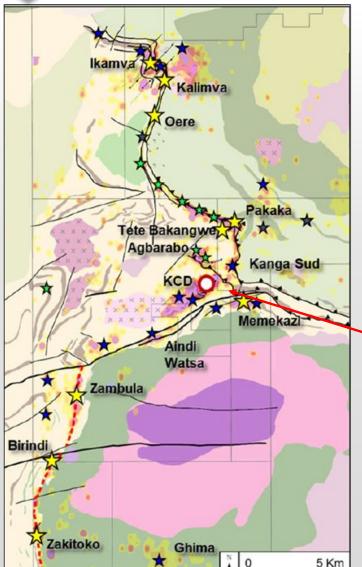
#### **Upside potential**

- 5-year exploration pipeline in place to replace Reserve depletion
- Oxide and sulphide potential along the KZ trend
- Down dip and plunge extensions on the KCD underground
- UG potential below the open pits



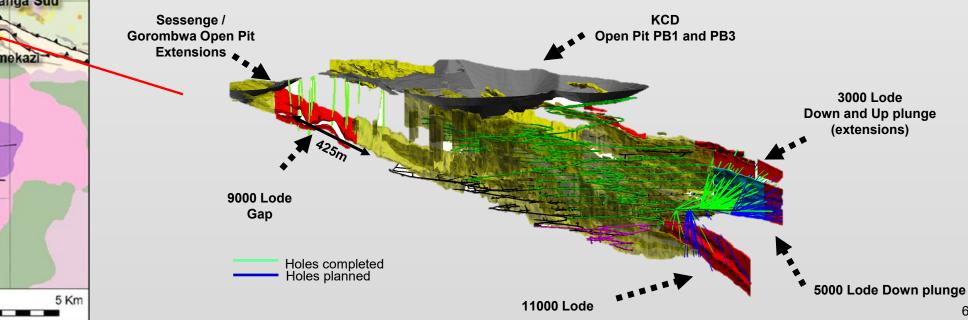






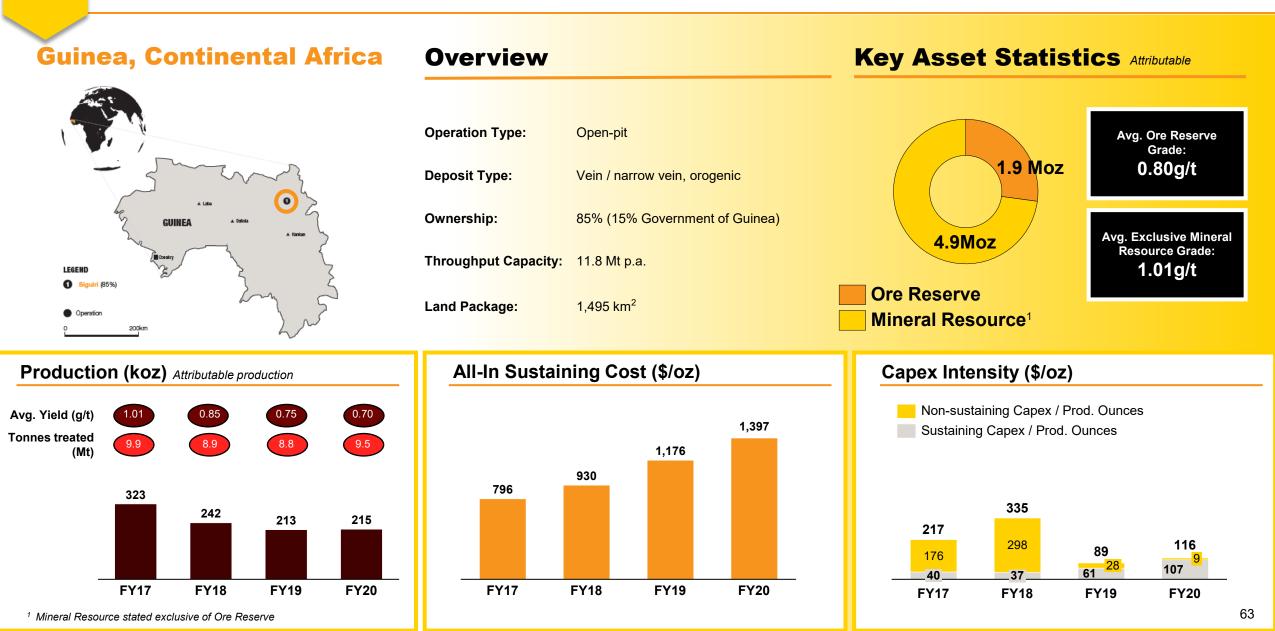
#### **Brownfields Exploration**

- A robust exploration pipeline in place to replace to target Reserve Depletion over the next couple of year
- Main KZ trend remains prospective and a target for additional open pit opportunities
- UG exploration is focussed on delineating down and up plunge extensions along the KCD corridor



### 06 Continental Africa Assets SIGUIRI – RECOVERY IN ACTION





## SIGUIRI – WHERE THE POTENTIAL SITS

06





2020 Ore Reserve (Attributable)				
Category	Tonnes (Mt)	Grade (g/t)	Contained Gold (Moz)	
Proved and Probable	73.53	0.80	1.89	

2020 Exclusive Mineral Resource (Attributable)			
Category	Tonnes (Mt)	Grade (g/t)	Contained Gold (Moz)
Measured + Indicated	79.68	0.97	2.48
Inferred	69.26	1.06	2.37
Total	148.94	1.01	4.85

#### **Asset Strategy**

#### Short-to-medium term

- Achieve steady-state processing at the Combination Plant
- Commence Block 2 development (Saraya and Foulata) following initial declaration of ~0.3Moz Ore Reserve

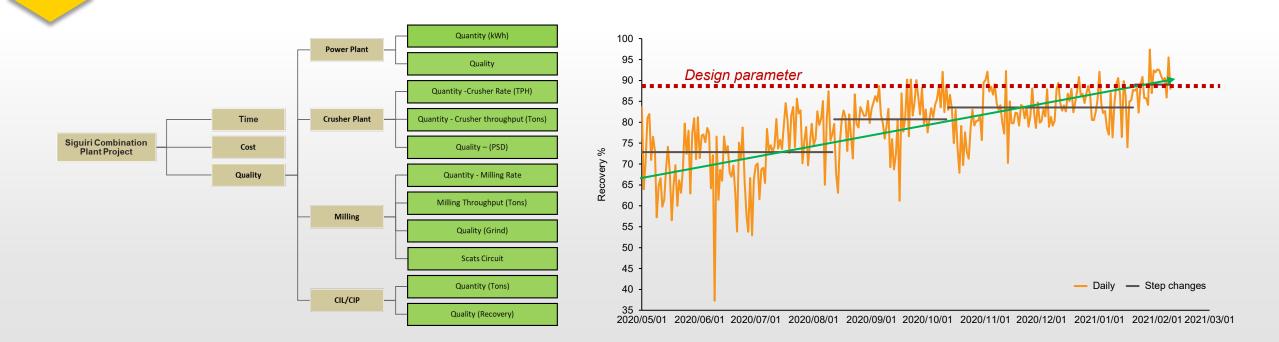
- LOM extension beyond 2026 requires TSF investment decision required in 2023
- **Block 3 opportunities**

#### **Brownfields Exploration**

Exploration plan focused on Mineral Resource conversion

## **COMBINATION PLANT NOW TRENDING IN THE RIGHT DIRECTION**





- Initial challenges commissioning new Combination plant were overcome and the circuit stabilised
- Installed new infrastructure and made process modifications to address the initial challenges:
  - Crusher plant improvements Fine ore challenges
  - Tank modifications/conversions Preg-robbing material
  - Pump upgrades Engineering reliability

06

- Consistent improvements to metallurgical recovery efficiency
- Engineering reliability improvements and improved operational discipline reduced process-variability, improved recoveries



## SIGUIRI OUTLOOK – GETTING THE PROCESSING RIGHT IS KEY



#### **Five-year asset outlook**

- Production step up on improved recovery at the Combination Plant
- Introduction of Block 2 remote site provides grade uplift from 2022
- Plant throughput maintained throughout the period at c. 10mtpa

#### **Base plan**

- Kami, Bidini, Tubani, Silakoro, Sintroko & Sokunu pits in Block 1
- Foulata and Saraya Pits in Block 2

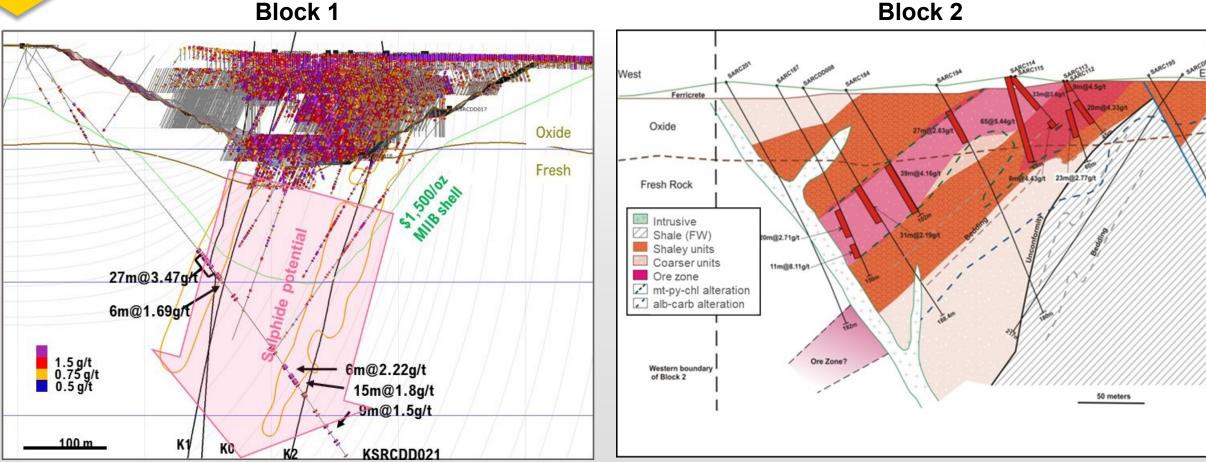
#### **Upside potential**

- Kounkoun Mineral Resource in Block 3 + Spent Heap Leach
- Resource and Blue Sky extensions to main deposits
- Brownfields exploration targets









Section looking NE with results for one of 4 holes returned in Q4 2020

- Block 1 has great Sulphide potential
- Studies will be carried out to test the feasibility of further cutbacks

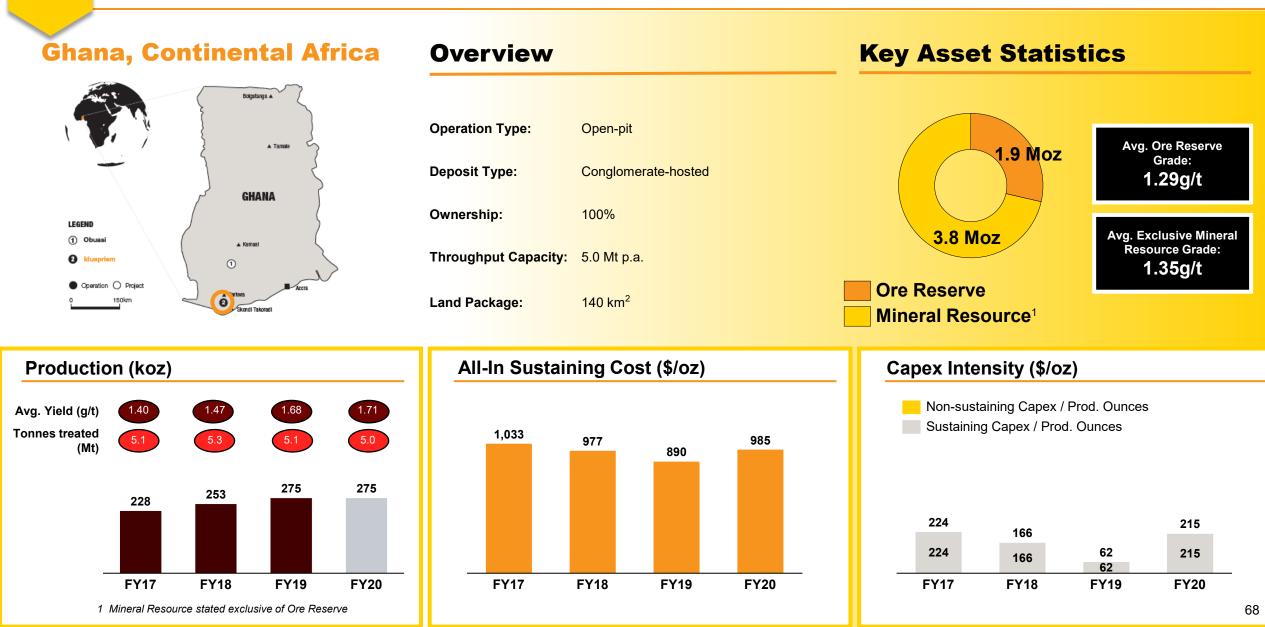
- Saraya Section looking North
- Two main orebodies currently exist in Block 2 namely Foulata and Saraya
- An Ore Reserve of 314 Koz was declared in 2020

## **IDUAPRIEM – SOLID PERFORMER WITH LONG-LIFE POTENTIAL**

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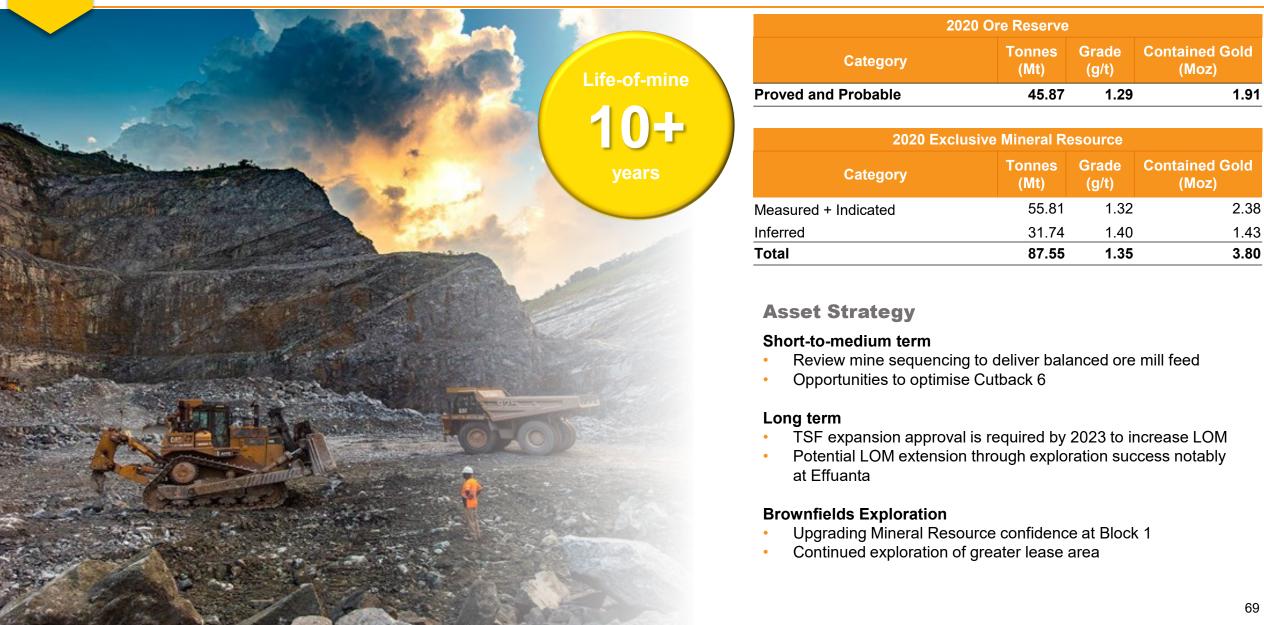


## **IDUAPRIEM – WHERE THE POTENTIAL SITS**

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#### **Five-year asset outlook**

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- Production dips in 2021 2023, from strong 2020 levels, as Mine Life Extension gets underway
- Production recovers in 2024 to 2020 levels, with commensurate cost improvement
- Life extended to 2031, with more potential to be explored

#### **Base plan**

- Ore sourced primarily from Block 7&8 Cut 2 and Cut 5
- Supplementary ore sourced from satellite pits at Block 5, Block 1 and Ajopa
- Mill throughput expected to increase to 5.8Mtpa by 2024

#### **Upside potential**

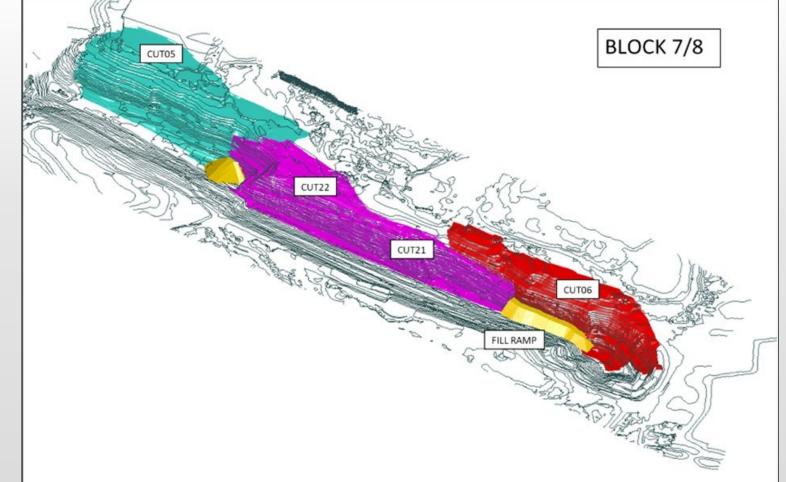
- Pushbacks at Block 7&8 (Cut 6)
- Exploration testing at Effuanta



## IDUAPRIEM – REINVESTING FOR THE LONG-TERM

06





- Block 7&8
  - 3-year investment in waste stripping and TSF
  - Mining executed with bigger equipment

#### • Cut 21

- Split of the bigger Cut 2
- Stripping commenced in 2020
- Ore delivery in Q4 2021

#### • Cut 5 Summary

- Stripping from (2022 to 2025)
- Ore delivery from 2025
- Waste deposition in Cut 2/Cut 3 to enhance value

#### Cut 6 Summary

- Excluded from the current LOM Plan
- Further cost optimisation underway
- Lower mining costs from new mining contract

#### Satellite Pits

- Block 5 delivers ore from 2021 to 2025
- Block 1 provides ore from 2024 to 2027







- The portfolio is focused, with ESG at the centre of decision-making
- We have a prioritised exploration programme
- We are allocating capital optimally
- There is a clear pathway for growth
- Our Values will continue to guide our actions
- We are collaborating with our host communities and governments
  - We have the right skills and teams to get this done



# Ludwig Eybers International Assets

TROPICANA, SUNRISE DAM, AGA MINERAÇÃO, SERRA GRANDE, CVSA ASHANTI

ANGLO



## **TROPICANA – CONTINUES TO EXCEED EXPECTATIONS**



**Australia Overview** Key Asset Statistics Attributable **Operation Type:** Open-pit and underground Avg. Ore Reserve Grade: **1.9 Moz** 1.71g/t **Deposit Type:** Orogenic Western Australia 70% (30% IGO Limited) **Ownership:** Avg. Exclusive Mineral Resource Grade: 90 3.5Moz 1.60g/t Throughput Capacity: 9 Mt p.a. LEGEND **Ore Reserve** Sunrise Dam Land Package:  $2.600 \text{ km}^2$ 1,000km Mineral Resource<sup>1</sup> 2 Tropicana (70%) All-In Sustaining Cost (\$/oz) Production (koz) Attributable production Capex Intensity (\$/oz) Non-sustaining Capex / Prod. Ounces Avg. Yield (g/t) 1.50 1.87 1.85 Sustaining Capex / Prod. Ounces **Tonnes treated** 8.8 7.9 8.7 1,061 (Mt) 885 843 757 360 336 322 297 300 294 283 226 64 84 6 283 231 220 215 **FY17 FY18** FY19 FY20 **FY17 FY18 FY19 FY20 FY17 FY18 FY19 FY20** 

1 Mineral Resource stated exclusive of Ore Reserve



## **TROPICANA – WHERE THE POTENTIAL SITS**





2020 Ore Reserve (Attributable)				
Category	Tonnes (Mt)	Grade (g/t)	Contained Gold (Moz)	
roved and Probable	34.39	1.71	1.89	

2020 Exclusive Mi	neral Resourc	e (Attribut	able)
Category	Tonnes (Mt)	Grade (g/t)	Contained Gold (Moz)
Measured + Indicated	39.78	1.05	1.35
Inferred	27.37	2.41	2.12
Total	67.15	1.60	3.46

## **Asset strategy**

#### Short-to-medium term

- Ramp-up Boston Shaker UG
- Continue to progress Havana Stage 2 cutback in 2021 2023
- Complete trade-off studies on OP vs. UG at Havana Stage 3
- Near mine exploration of OP and UG sources to extend LOM

### Long term

Analysis of combinations of near mine/regional targets to extend LOM

## **Brownfields Exploration**

- Boston Shaker underground infill and extensions
- Drilling in support of Havana Stage 3 trade-off studies
- Potential near-mine UG targets leveraging off existing development
- Open pit resources to the north along the mineralised trend e.g. Springbok



## **TROPICANA OUTLOOK – FINDING THE BALANCE**



## **Five-year asset outlook**

- Havana cutbacks underway which will allow access to the deeper Havana open pit ore from late 2021 onwards
- Mill feed sourced from the Boston Shaker open pit, Boston Shaker UG, Havana open pit supplemented in 2021 by approximately 4 Mtpa of low grade (0.85 – 1.05 g/t) stockpiled ore, resulting in a lower milled grade
- Production increases to 450Koz 500Koz from 2022 as higher volumes of ore are delivered from the Havana pit and Boston Shaker underground

### **Base Plan**

- Boston Shaker open pit
- Havana open pit
- Boston Shaker UG achieving steady state production in H2 2021
- Open pit stockpiles

## **Upside Potential**

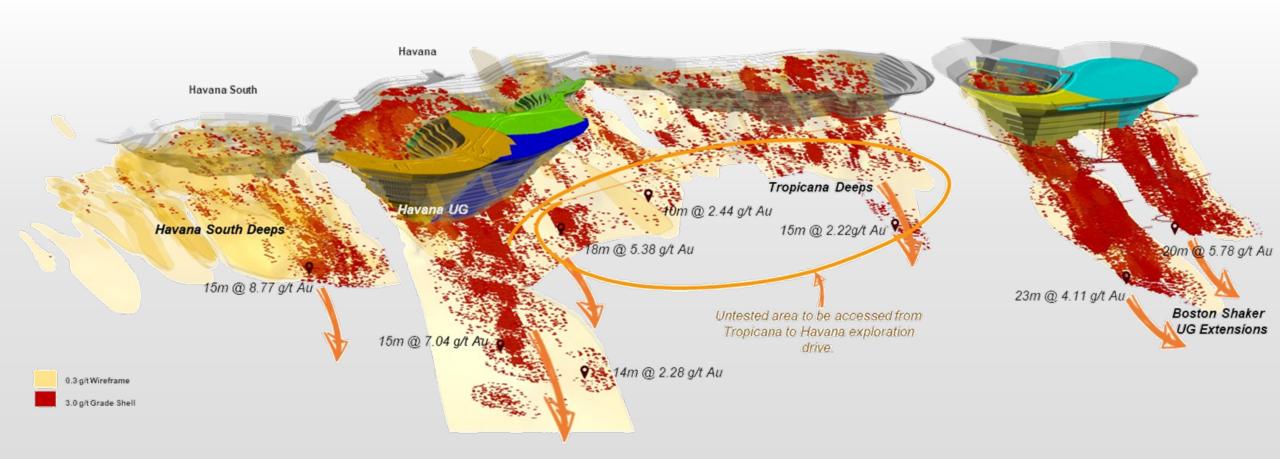
- Lease area opportunities to extend LOM
- Potential to unlock known extensions of mineralisation under Tropicana and Havana pits and the extensions at depth of the Boston Shaker Underground
- Trade-off studies underway on Havana Stage 3 cut-back and Havana underground to find optimal open pit – underground interface

# TROPICANA'S DOWNDIP EXTENSION OPPORTUNITIES

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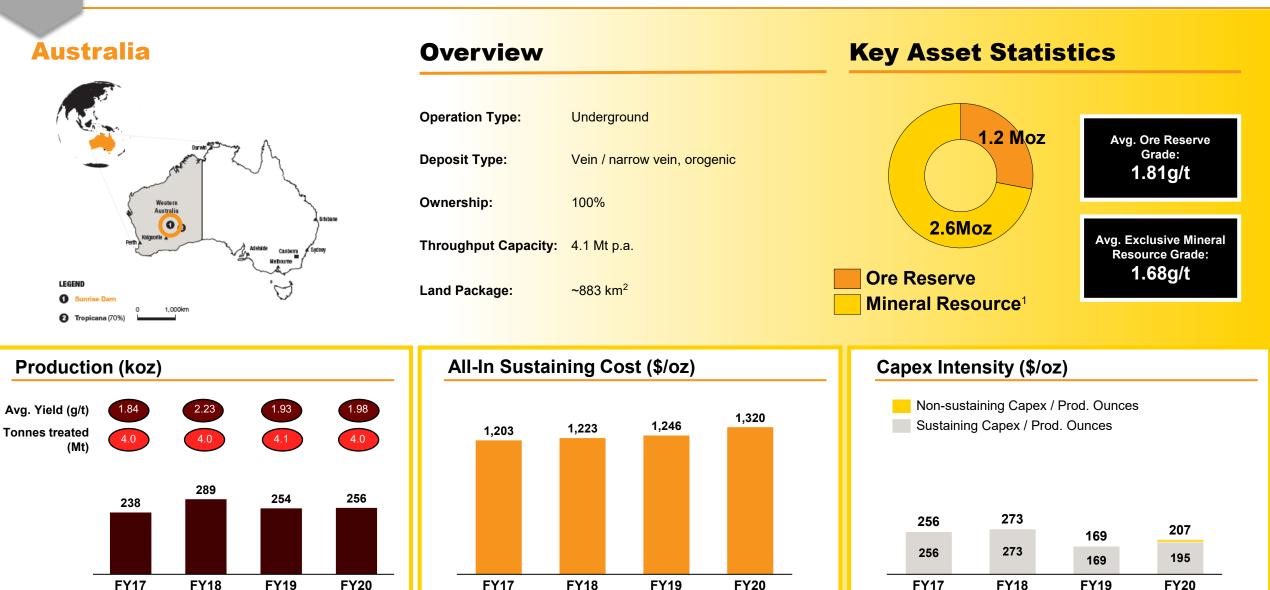
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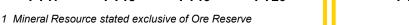




# SUNRISE DAM – GEOLOGICAL INDICATORS POINT TO LONG LIFE



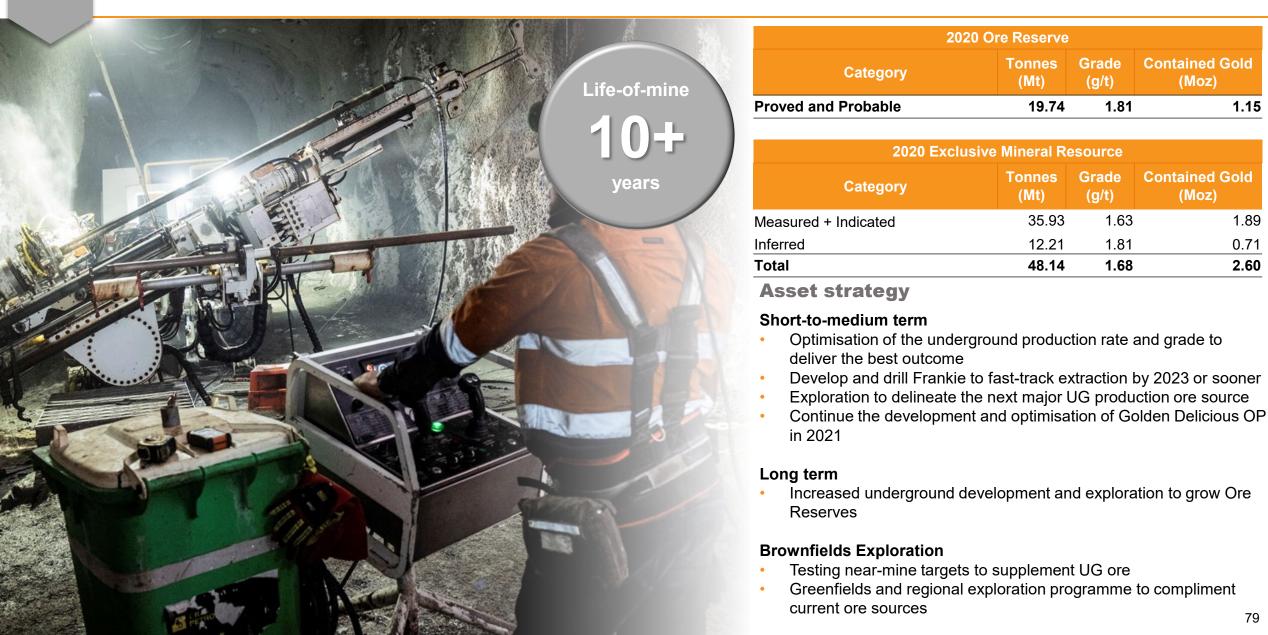




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# SUNRISE DAM OUTLOOK – EXPLORATION WORTH ITS WEIGHT IN GOLD



## **Five-year asset outlook**

- Steady production over the next two years followed by step-ups toward 300kozpa in the outer years
- Improvements driven by a combination of grade and underground volumes displacing low-grade stockpile feed
- Golden Delicious is a short-term surface ore source to supplement underground mill feed
- Remains reliable, longer-term costs forecast between \$1,000 – \$1,200/oz

#### **Base plan**

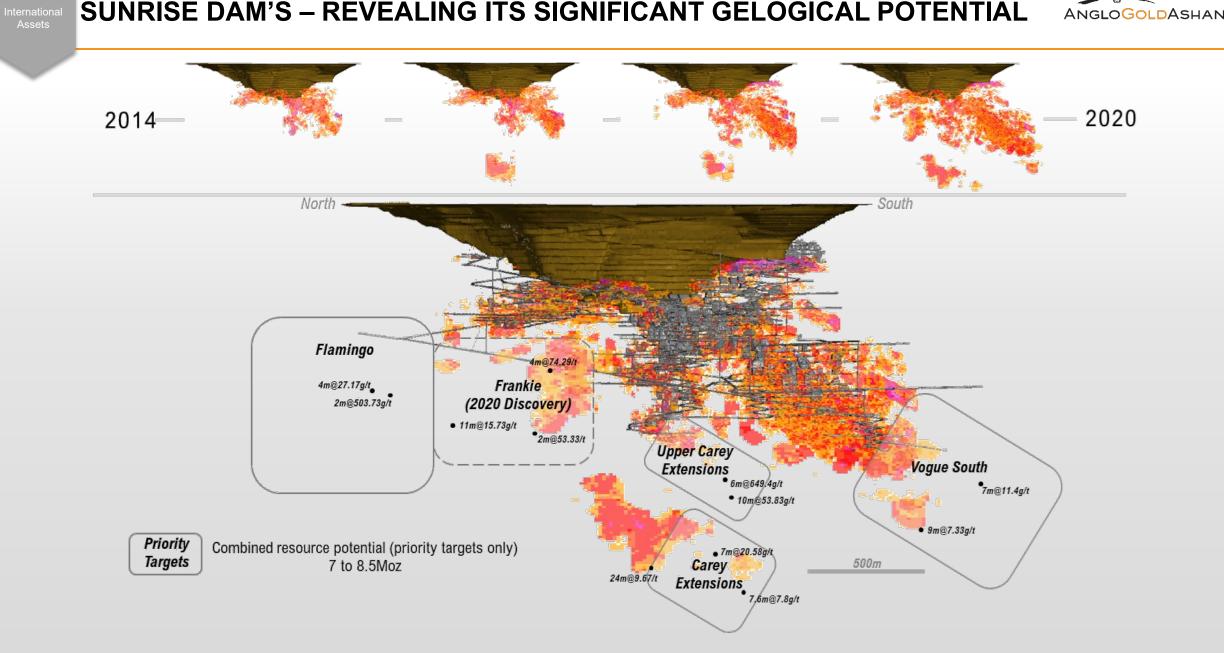
- Vogue underground ore body
- Carey Shear
- Sunrise Shear Panel 4
- GQ
- Low Grade Stockpiles / Golden Delicious open pit

### **Upside potential**

- New discoveries Frankie
- Remnant mining Sunrise Shear South, Dolly, Cosmo, Astro, Western Shear

# SUNRISE DAM'S – REVEALING ITS SIGNIFICANT GELOGICAL POTENTIAL

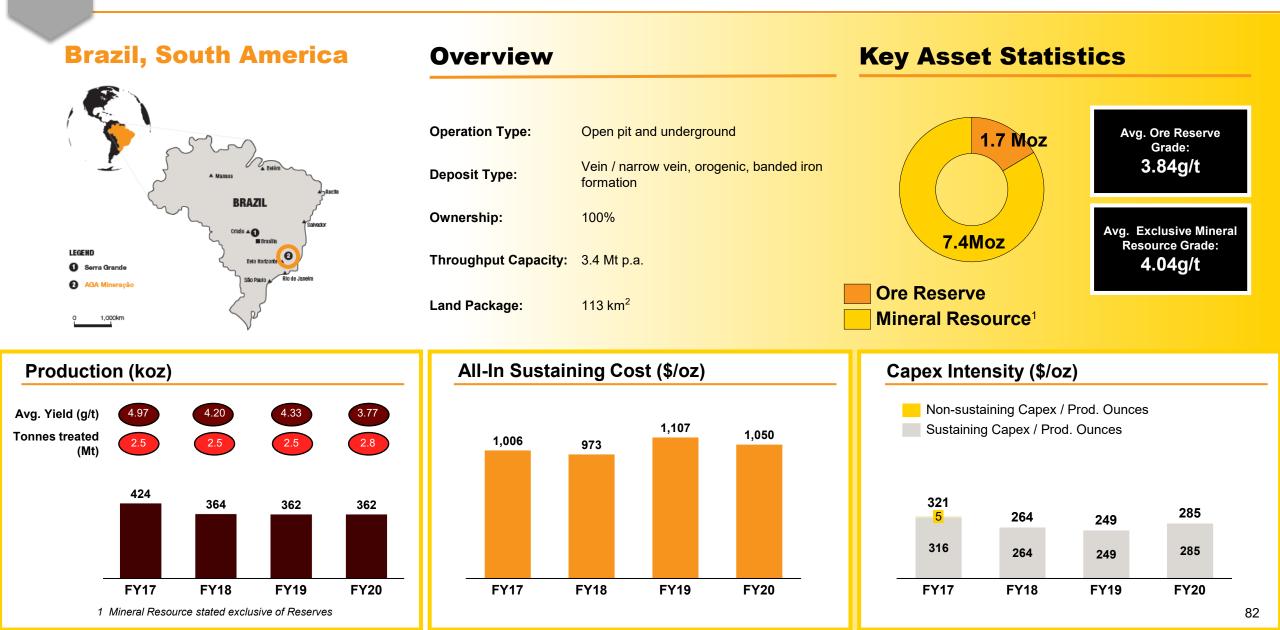






# AGA MINERAÇÃO – VAST UNTAPPED GEOLOGICAL POTENTIAL

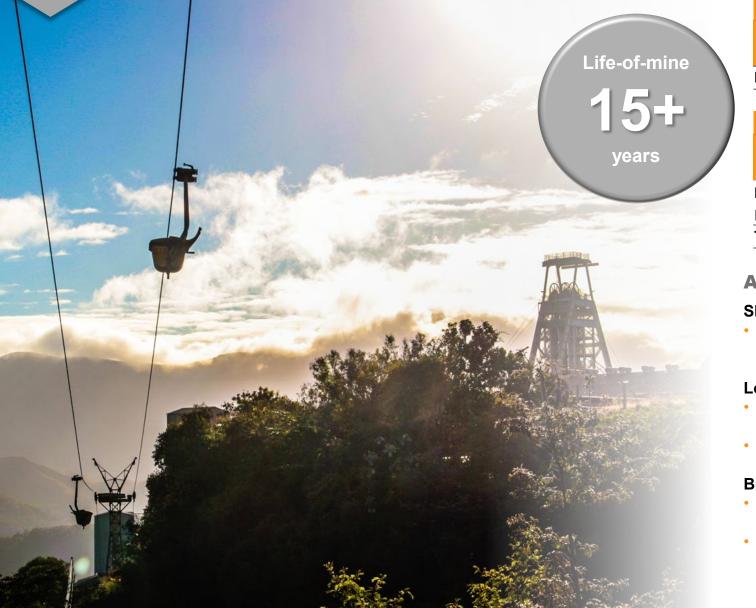




## International Assets AGA MINERAÇÃO – WHERE THE POTENTIAL SITS

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2020 0	Ore Reserve		
Category	Tonnes (Mt)	Grade (g/t)	Contained Gold (Moz)
Proved and Probable	14.06	3.84	1.73
			•

2020 Exclusive Mineral Resource				
Category	Tonnes (Mt)	Grade (g/t)	Contained Gold (Moz)	
Measured + Indicated	19.12	3.69	2.27	
Inferred	37.90	4.21	5.13	
Total	57.03	4.04	7.40	

## **Asset strategy**

### Short-to-medium term

 Exploration, evaluation and implementation of additional production sources at Cuiabá and CdS II

#### Long term

- Increased exploration and ORD performance to ensure a robust shortterm production plan
- Replacement of the Lamego mine Expansion opportunities at CdS

### **Brownfields Exploration**

- Target near-term production sources to further improve confidence in planning
- Evaluate additional secondary orebodies and new mines to replace depleting or increasingly complex ore sources



# AGA MINERAÇÃO OUTLOOK – BRINGING A MAJOR RESOURCE TO ACCOUNT



### **Five year asset outlook**

- Steady production in 2021, stepping up in each subsequent year to above 450kozpa
- Improvements driven by higher grades in outer years and commensurate cost improvement
- Underground operations are mine constrained
- Capital intensive operation with increase across 2021 to 2022 due to higher ORD and exploration (increase orebody confidence) and conversion to dry-stacking tails

## **Base plan**

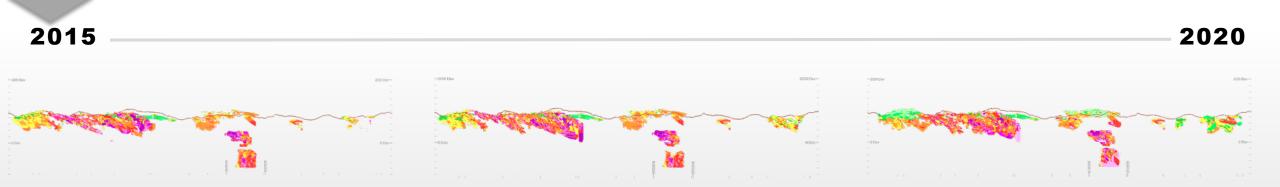
- Increase flexibility at Cuiabá mine
- Implementation of triple stopes layout to maximize productivity
- Increase flexibility and growth of Córrego do Sítio (CdS) I, CdS II and CdS III
- Ramp-up CDSII UG mine

## **Upside potential**

- Potential to grow Mineral Resource by testing beyond current resource boundary, including Rosalino UG, Carvoaria Deep and CDSIII (around ~3Moz)
- Unlock surface potential in current mining lease to fill Heap Leach plant capacity

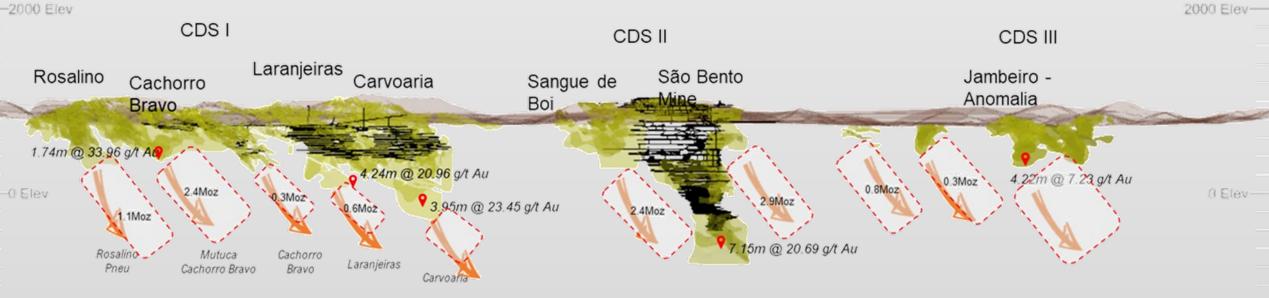
#### **CDS COMPLEX – HIGHLY PROSPECTIVE DOWN DIP EXTENSIONS** Internationa Assets





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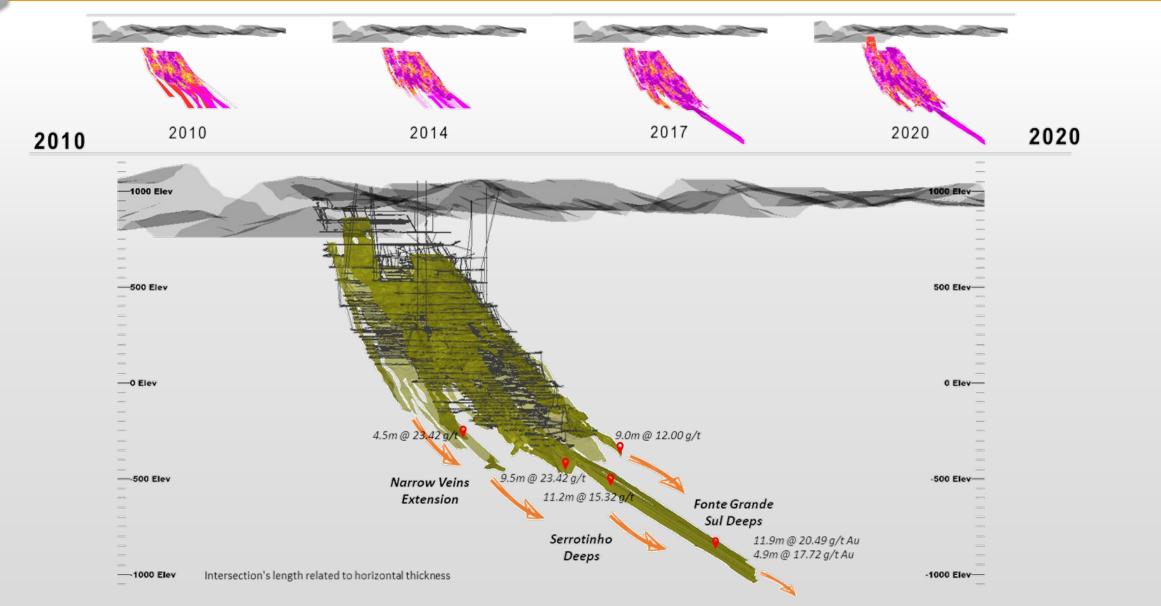
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# CUIABÁ – MINERALISATION KEEPS EXTENDING DEEPER

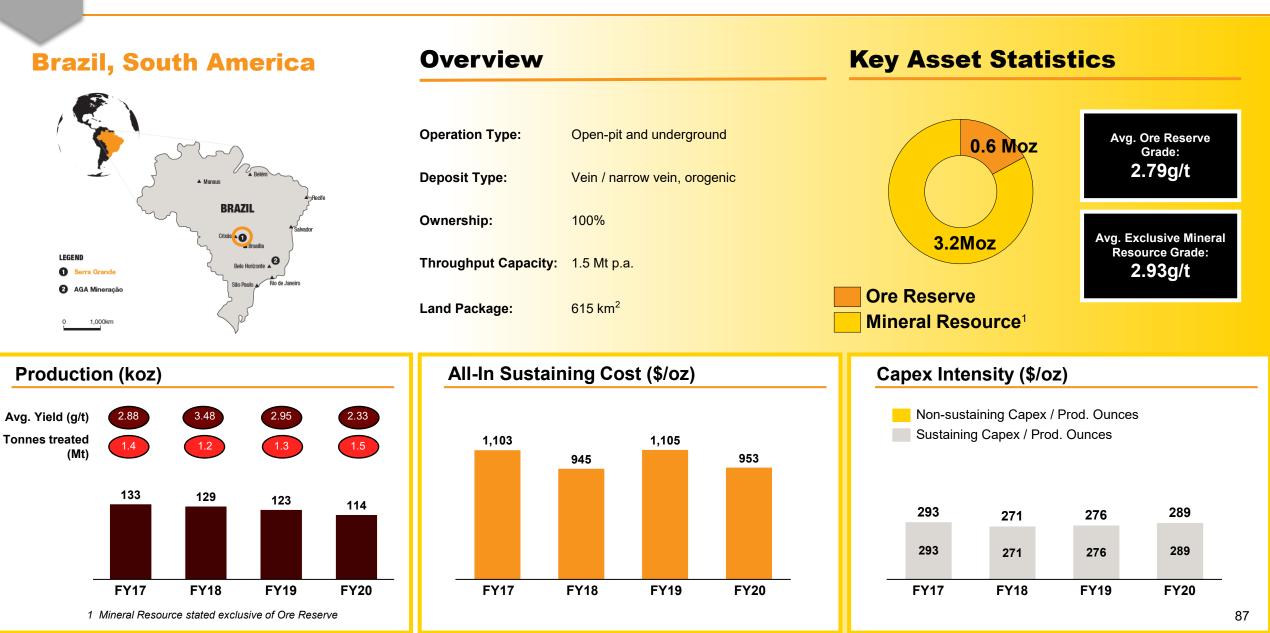






## SERRA GRANDE – BRIMMING WITH POTENTIAL

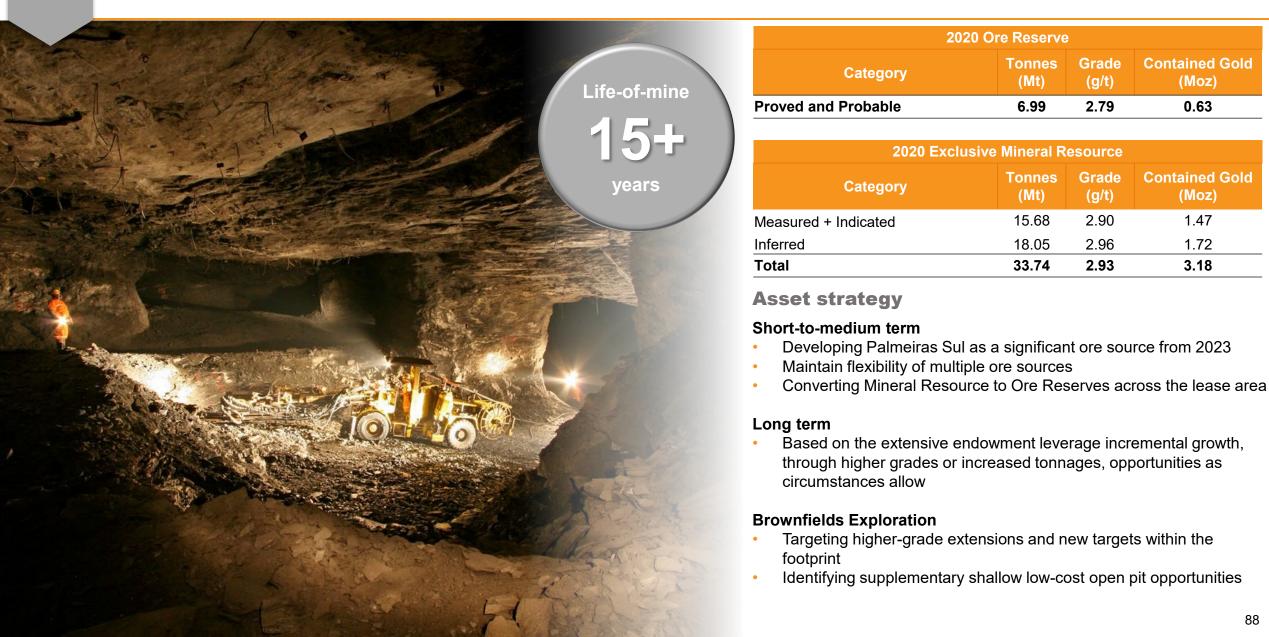






## SERRA GRANDE – WHERE THE POTENTIAL SITS









### **Five-year asset outlook**

- Production steady this year, then edging up on higher volumes and grades
- Additional underground ore to displace some lower-grade open pit material and use spare mill capacity
- Transition to dry-stacking for tails deposition in 2021
- Steady costs are expected

#### **Base plan**

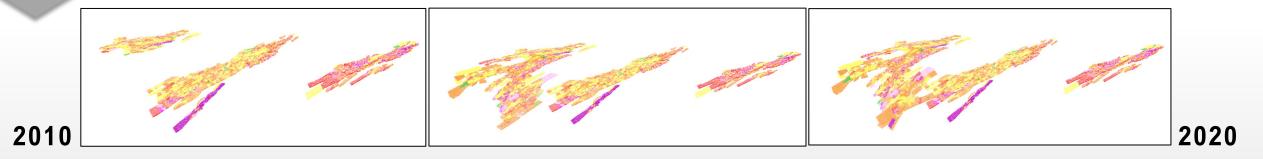
- Mature asset with additional near-mine opportunities
- Maintain throughput with current ore sources
- Developing Palmeiras Sul as a primary ore source from 2023

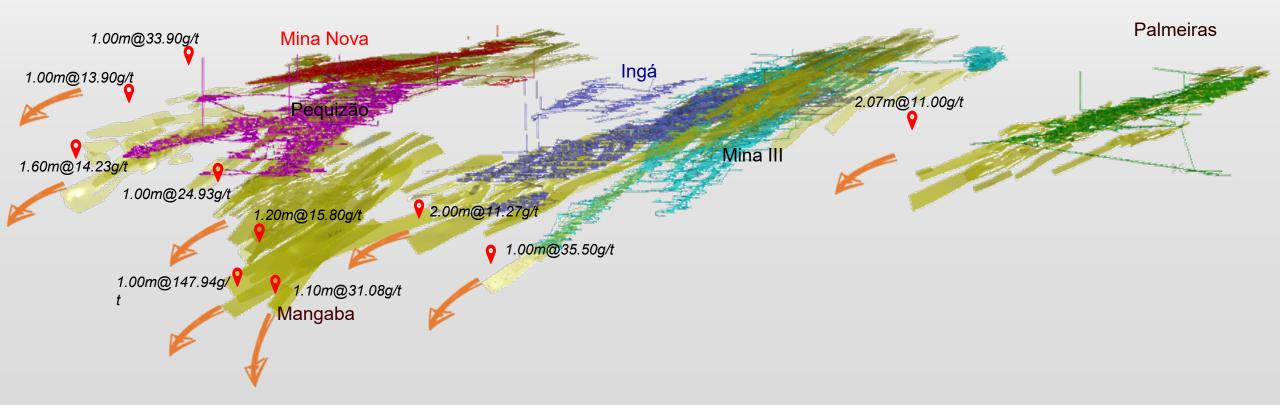
### **Upside potential**

- Exploration & ORD creates an option to further scale-up production and extend LOM
- Potential increase in Mineral Resource down plunge at the UG
- Opportunity to unlock OP potential in the greenstone belt





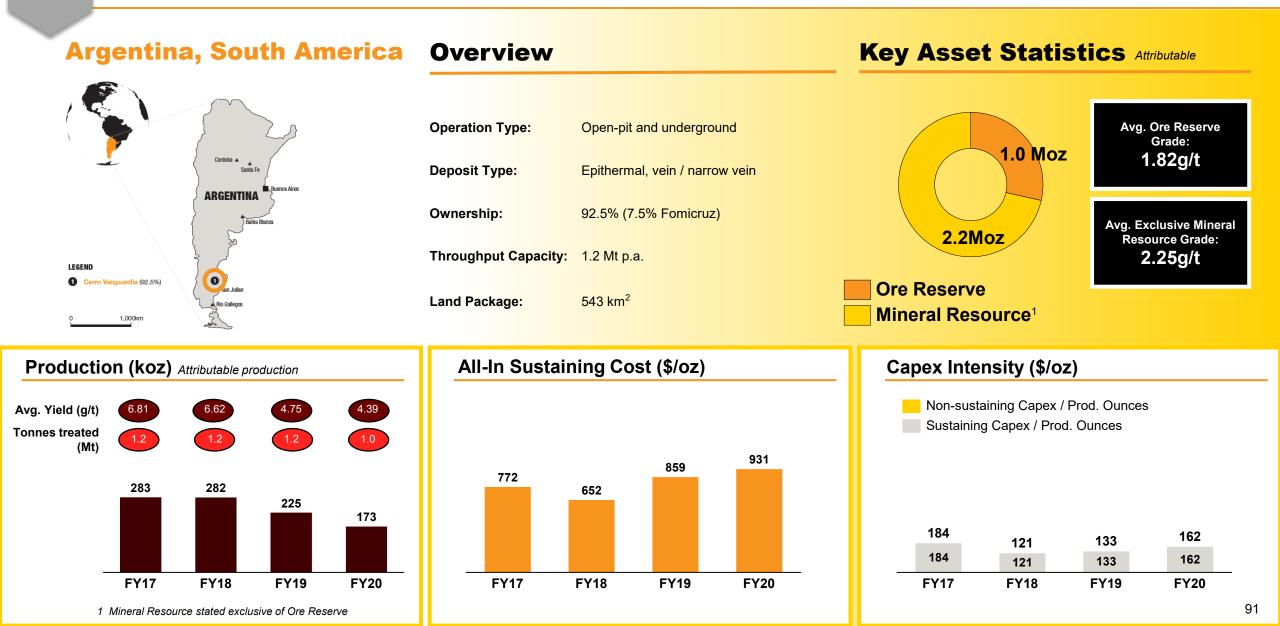






## **CERRO VANGUARDIA – MINE LIFE SURPRISING ON THE UPSIDE**







## **CERRO VANGUARDIA – WHERE THE POTENTIAL SITS**



	2020 Ore R	eserve (Attrib	utable)	
Life-of-mine	Category	Tonnes (Mt)	Grade (g/t)	Contained Gold Silver (Moz)
	Proved and Probable (gold)	16.31	1.82	0.95
	Proved and Probable (silver)	16.31	45.56	23.89
years	2020 Exclusive Min	eral Resourc	ce (Attribu	table)
	Category	Tonnes (Mt)	Grade (g/t)	Contained Gold (Moz)
	Measured + Indicated (gold)	23.74	2.38	1.81
	Inferred (gold)	6.89	1.79	0.40
	Total	30.64	2.25	2.21
2 Charles The state	Asset strategy			
	<ul> <li>Short-to-medium term</li> <li>Delineate the full Ore Rese</li> <li>Optimise the cost base</li> </ul>	erve footprint	– extenc	LOM
	<ul> <li>Long term</li> <li>Target Mineral Resource to the lease</li> </ul>	o unlock full r	esource	potential across
Est and Fr	<ul> <li>Brownfields Exploration</li> <li>Increase exploration over t</li> <li>Priority to extend LOM</li> </ul>	he next two	years	
A Real Provide A				92



## **CERRO VANGUARDIA OUTLOOK – REINVIGORATING THE PLAN**



#### **Five-year asset outlook**

- Production expected to be flat over period
- Higher exploration spend in 2021 to increase orebody confidence and test new targets.
- Investment in TSF lift, heap leach and fleet
- Cost improvements in outer years

#### **Base plan**

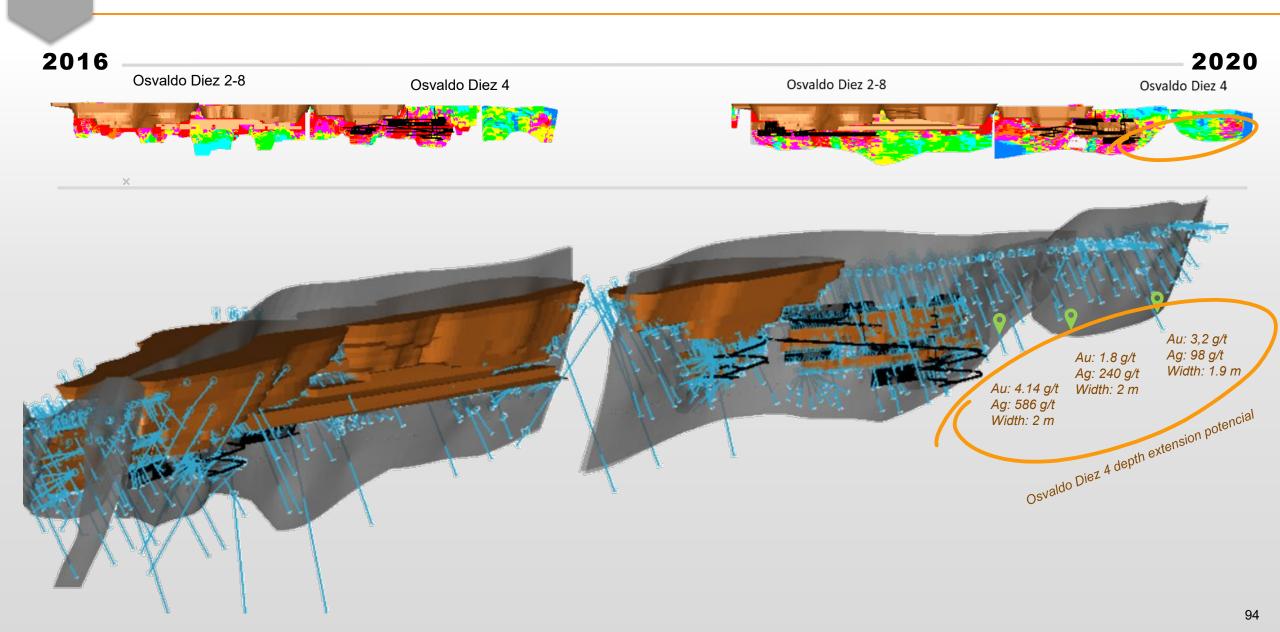
 Four-year exploration program targeting near-mine potential, as well as regional targets

## **Upside potential**

 Ongoing exploration which will target around ~3Moz of Mineral Resource



## 07 International Assets CERRO VANGUARDIA – REALISING LATENT POTENTIAL VIA THE DRILL BIT ANGLOGOLDASHANTI



# COO INTERNATIONAL SUMMARY

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# The International Operations has a clear path to create value:

- Commitment to safeguarding the health, wellbeing and safety of our people
- Operational Excellence Program to continuously improve costs, capital and efficiencies
- Improve Resource confidence and growing near-term Ore Reserves
- Margin accretive low-cost production to the portfolio
- Using technology to strengthen and improve our metrics on ESG
- Highly skilled and motivated teams to deliver on these commitments

# Graham Ehm Projects

OBUASI, QUEBRADONA, GRAMALOTE

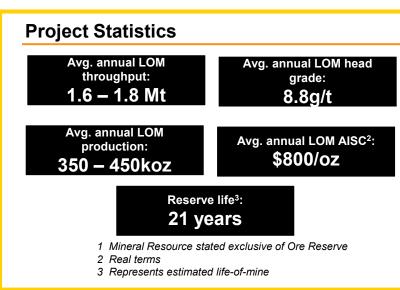
## **08** Projects

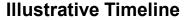
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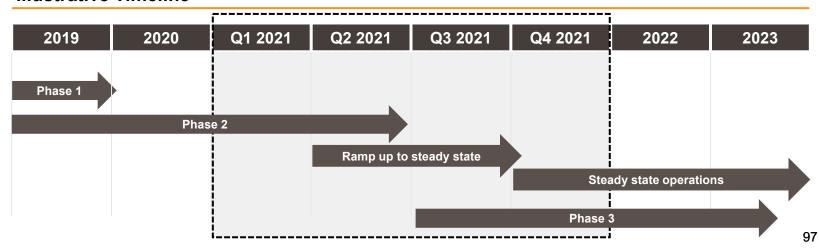
## **OBUASI – AFRICA'S NEXT GENERATION, WORLD-CLASS MINE**













# **Obuasi is a long-life, world class asset – continue to track metrics at approval**

- Obuasi has embarked on the process of rebuilding all aspects of the operation to deliver a modern, efficient, mechanised, underground operation
- Underground development restarted 2019; first gold poured December 2019
- Expected to reach steady state operations in H2 2021
- Production of ~8.6Moz over 21-years at average head grade of 8.8g/t
- Government consents and approvals in place:
  - Security Agreement

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**08** 

Projects

- Development Agreement
- Tax Concession Agreement
- Settlement Agreement
- Reclamation Security Agreement
- Social Management Plan implemented since 2019 contributing to selfsustaining local economy by creation of alternative industries, institutional capacitation and strong partnerships

Plant throughput	Mt	1.6 – 1.8
lead grade	g/t	8.8
Gold production	Koz	350 – 450
Cash costs	\$/oz	590 – 680
All-in sustaining costs	\$/oz	725 – 825
Project capital (Y1 – Y3)	\$m	495 – 545
Project capital (Y4 – Y6)	\$ <i>m</i>	85



## MASSIVE RESOURCE AND HIGH CONFIDENCE IN A GROWING RESERVE

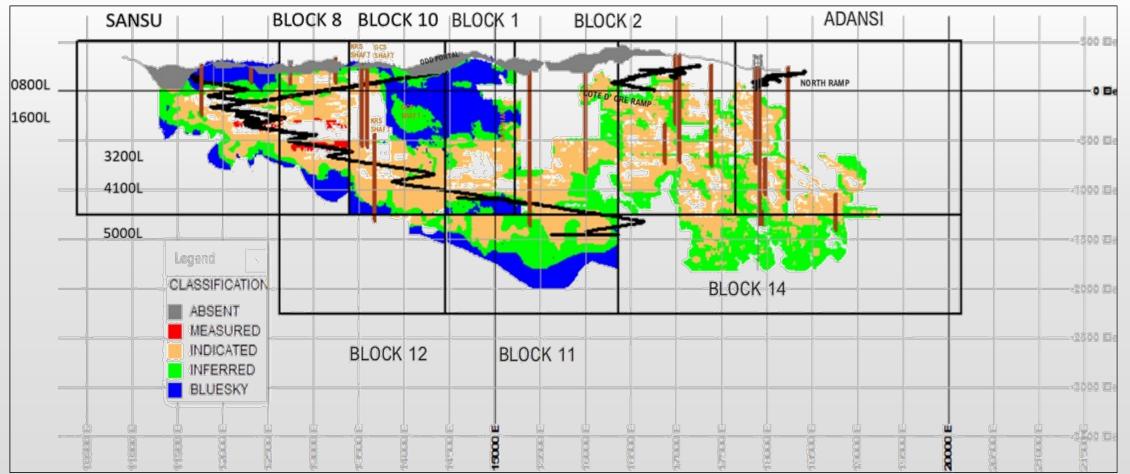
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**08** 

Projects



# Ore Reserve increase to 8.7Moz from 7.12Moz with in-fill drilling and Mineral Resource conversion...

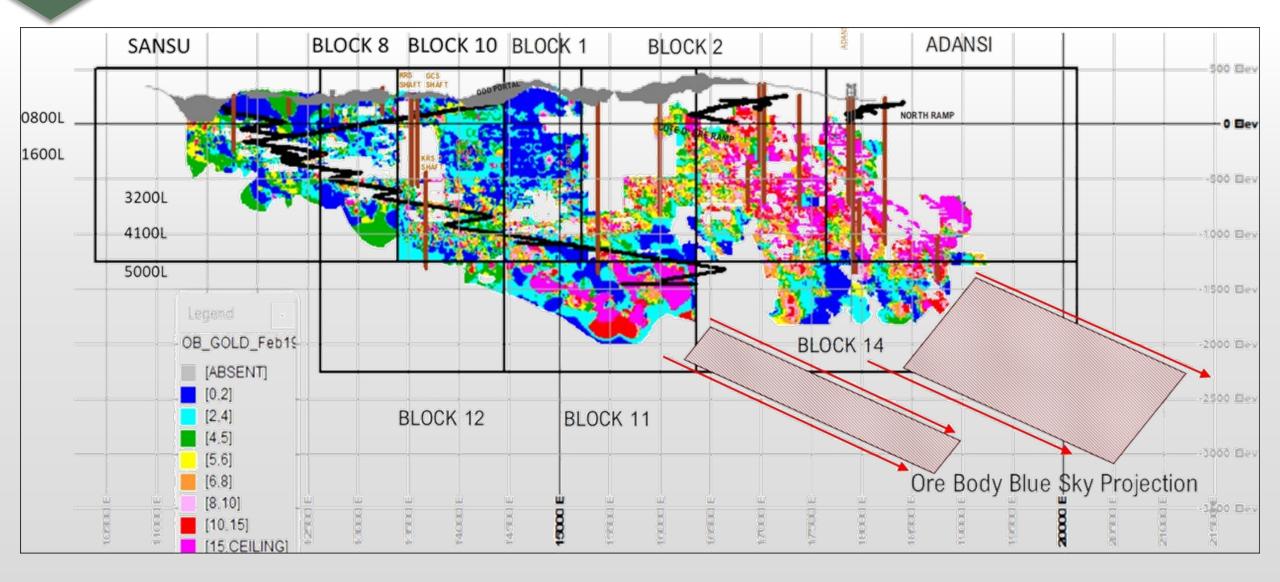


...while Mineral Resource decreased slightly to ~30Moz with improvement to resource models and minor depletions

## 80 GRADE DISTRIBUTION - MINING FROM HIGH GRADES TO HIGHER GRADES ANGLOGOLDASHANTI

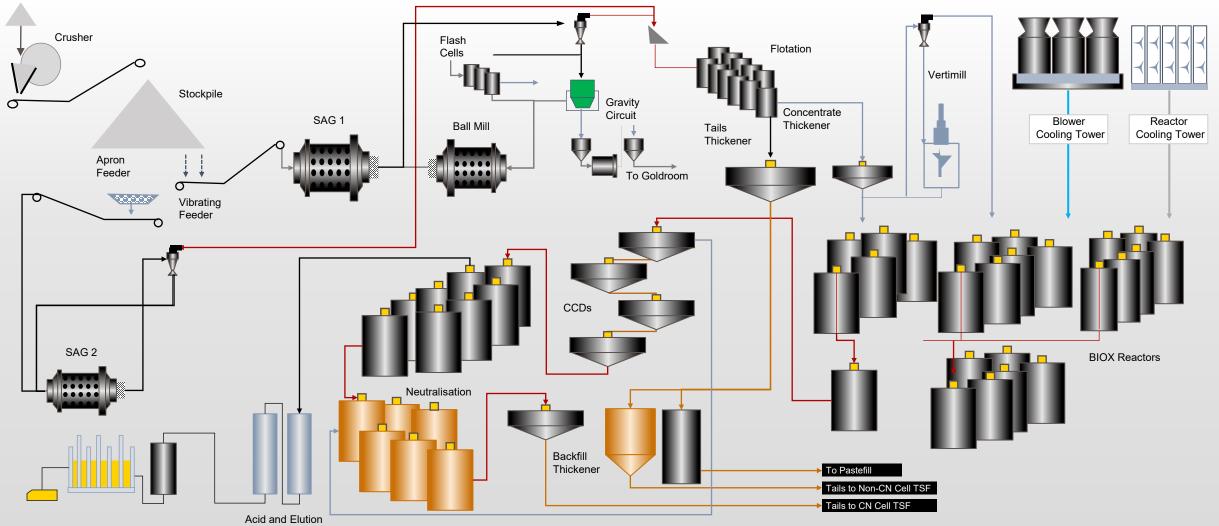
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Projects



## **OBUASI – PHASE 2 FLOWCHART**





New Goldroom

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Projects

101

# PHASE 2 RAMP UP TO 4,000TPD – SOLID BASE FOR THE LONG TERM

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**08** 

Projects



## Good progress in the process plant despite COVID-19 related delays...



...plant commissioning commenced with the Phase 2 SAG/Ball Mill in late Dec 2020

# PHASE 2 RAMP UP TO 4,000TPD – SOLID BASE FOR THE LONG TERM

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Projects



## KRS shaft and U/G materials handling commissioning commenced late 2020...



...while completion of the GCVS vent shaft, paste-fill plant and delivery forecast to be completed in Q2 2021.

## PHASE 2 RAMP UP TO 4,000TPD – SOLID BASE FOR THE LONG TERM

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Projects



# *Biox TSF completed in late 2020 with other surface infrastructure to be completed during 1H21*



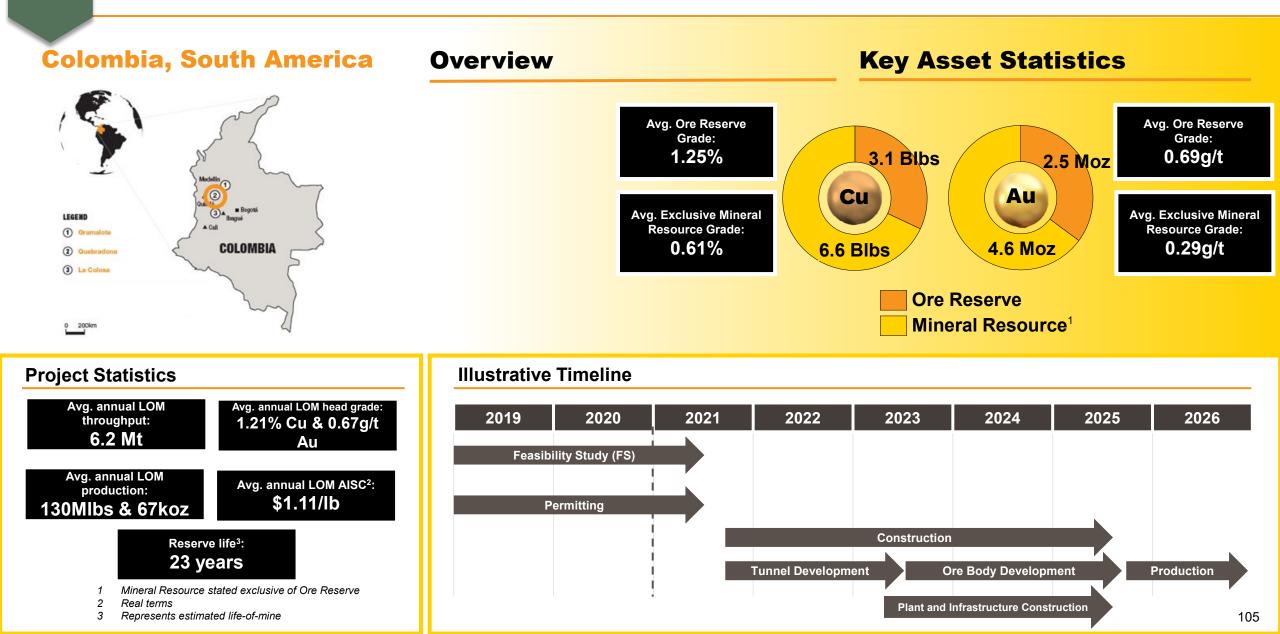


# QUEBRADONA – BRINGING A WORLD CLASS DISCOVERY TO ACCOUNT

**08** 

Projects







# Quebradona – a high-quality, high-grade copper-gold porphyry deposit

- A significant global copper-gold porphyry deposit
- One of the world's highest-grade copper porphyries
- Favourable orebody geometry for caving with topographic advantages and good surface hydrology
- Expected to produce 'clean' copper concentrate, low impurities
- Produce a total of 3Blbs Cu, 1.4Moz Au, 21.6Moz Ag over 23+ years
- Dry-stacked, filtered tailings storage facility
- Low power cost near the national power grid
- Excellent infrastructure highway link to Colombia's largest Pacific port
- Concurrent creation of 'biodynamic park' and world class copper mine – concurrent closure
- Feasibility Study results expected in Q2 2021

Project Metrics <sup>1</sup> (Annual avera	age over LOM)	
Plant throughput	Mt	6.2
Head grade	% / g/t	1.21/0.67
Copper / Gold production	Mlbs / Koz	130/67
Cash costs	\$/lb Cu	0.93
All-in sustaining costs	\$/lb Cu	1.11
Project capital	\$Bn	1.3 – 1.4
Reserve life	Years	23
rade Greenfield	l copper projects	

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0.00%

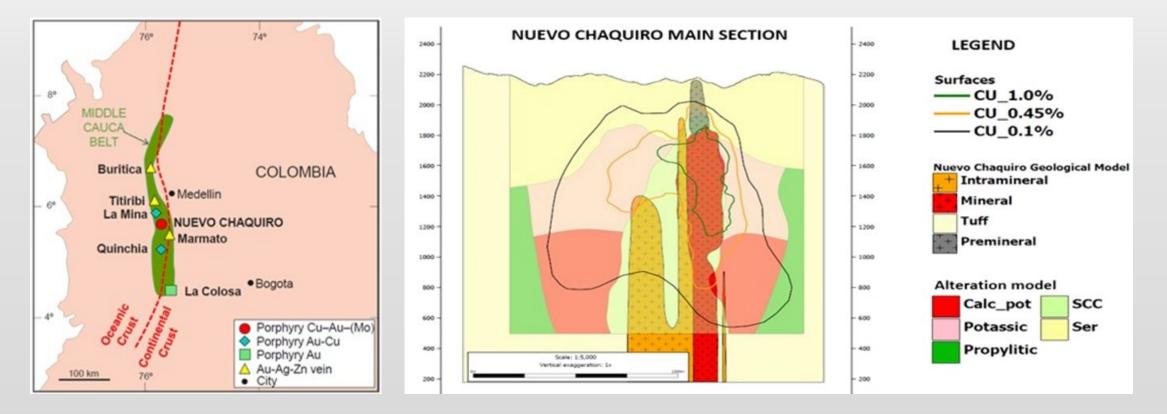
# QUEBRADONA – HIGH QUALITY DISCOVERY IN WORLD CLASS DISTRICT

- Nuevo Chaquiro main deposit of the Quebradona Project located in the middle Cauca region of Colombia East flank of western cordillera
- In a very prospective area with several deposits discovered along the Middle Cauca Belt, La Colosa (south), Nuevo Chaquiro (middle)
- Volcanoclastic sequence intruded by small dykes of diorite and quartz diorite

**08** 

Projects

- Typical porphyry copper deposit large tonnes and low grades of gold, molybdenum and silver by-products
- Ore mineralisation at Nuevo Chaquiro principally chalcopyrite and molybdenite







# **QUEBRADONA MINE DESIGN**



- Two 6km access tunnels developed from surface represents majority of first two years project activity
- Sub-level caving (SLC) mining method
- Internal ramp system to connect upper SLC levels to ore crushing/transfer level
- TSF based on stacking of filtered tails
  - layout driven by topography; two toe buttresses to • provide stability
  - c.124 Mt, lined pyrite residue cells inside TSF footprint
- Progressive closure of TSF planned, minimizing visual impact and improving dust control
- Water source c.4km from process plant •

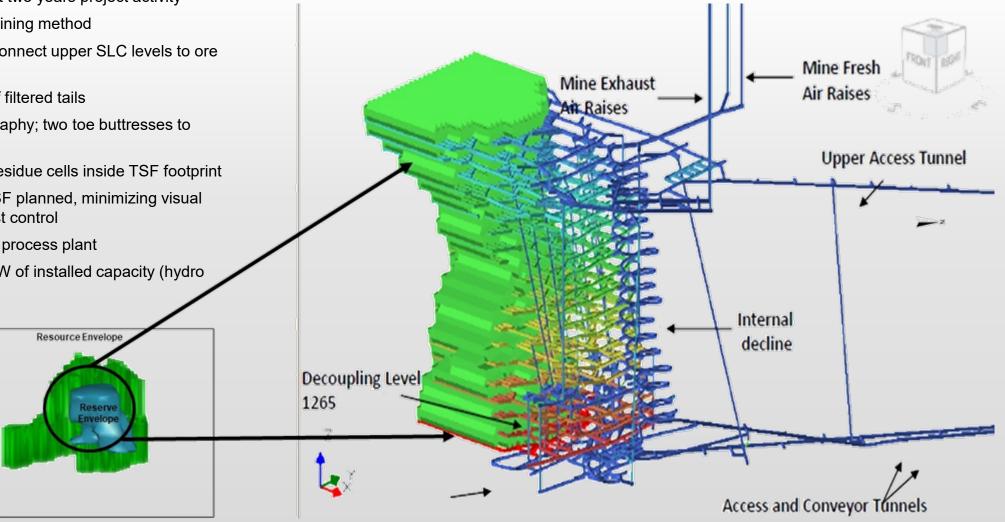
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1500 Elev

1000 Elev

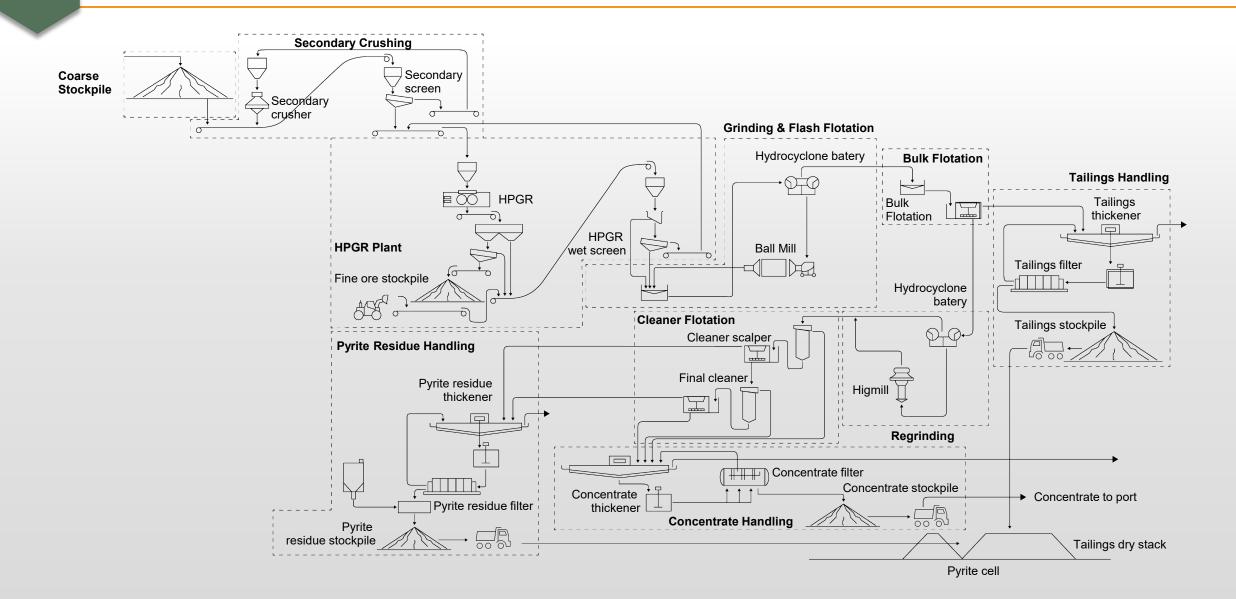
500 Elev

Power estimated at 58 MW of installed capacity (hydro grid power)



## Projects QUEBRADONA PROCESSING





# QUEBRADONA BIODIVERSITY INITIATIVE

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Projects



A innovative plan to create and integrate a park and biodiversity centre into its Quebradona project

## **08** Projects

# **GRAMALOTE – BRINGING A WORLD CLASS DISCOVERY TO ACCOUNT**



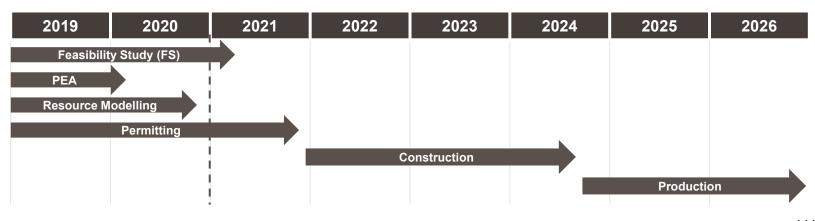
**Colombia, South America Key Asset Statistics Overview Operation Type:** Open-pit Avg. Ore Reserve Grade: 0.86g/t **Deposit Type:** Mesothermal gold deposit Medell 1 1.3 Moz 1.7 Moz 3▲ Begotá Ibaguá **Ownership:** LEGEND 50% (50% B2Gold manager/ operator) Avg. Exclusive Mineral A Cali (1) Gramalote Resource Grade: COLOMBIA (2) Quebradona 0.49g/t Throughput Capacity: 11.3 Mt p.a. 3 La Colosa **Ore Reserve** Land Package:  $110 \text{ km}^2$ Mineral Resource<sup>1</sup> 0 200km

## **Project Statistics**



<sup>1</sup> Mineral Resource stated exclusive of Ore Reserve, AngloGold Gold FY2020 reporte
 <sup>2</sup> Real terms
 <sup>3</sup> Represents estimated life-of-mine

## **Illustrative Timeline**



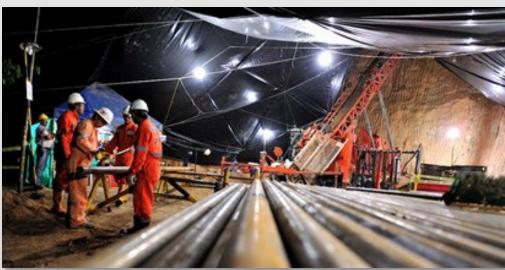


# Gramalote has the potential to become a large, low-cost open-pit gold mine

## 50:50 JV with B2Gold, as manager and operator

- Open pit with initial 13.6 years life, processing 11Mtpa
- Avg. annual production of ~284koz at an AISC of \$648/oz
- Avg. annual production of 416koz for the first five full years of production
- Avg. LOM recovery of 94% from conventional milling, flotation and cyanide leach of flotation concentrate

Project Metrics <sup>1</sup> (Annual average over LOM)				
Plant throughput	Mt	11		
Head grade	g/t	0.85		
Gold production	Koz	284		
Cash costs	\$/oz	544		
All-in sustaining costs	\$/oz	648		
Project capital	\$Bn	0.9 – 1.0		
Payback period	Years	6		
Reserve life	Years	13.6		



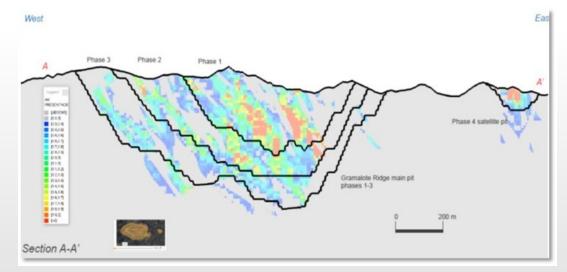
# **GRAMALOTE – STRAIGHTFORWARD MINING, EXCELLENT METALLURGY**

- Ore Zones vary in width from tens of meters to 150m in true width dipping vertical to sub-vertical to the south-southeast
- Silver to gold ratio approximately 1:1

08

Projects

- Conventional open-pit, truck-and-shovel operation
- Gramalote Ridge pit has four cutbacks: three phases in the main pit and a small satellite pit west of the main pit
- Mine plan includes use of three stockpiles for oxide and sulphide materials, for high-fresh, low-fresh and oxide ore
- Pre-stripping c.8.6Mt for the first year of production
- First 7 years, average mining rate 45-52 Mtpa total material
- Hydraulic 520-t class shovel/excavators
- 228-t class haul trucks
- Main infrastructure: Gramalote Pit, Tailing facility, Waste Dump, Process Plant and a camp to accommodate c.3,000 people
- 26 km, single circuit 230 kV dedicated transmission line

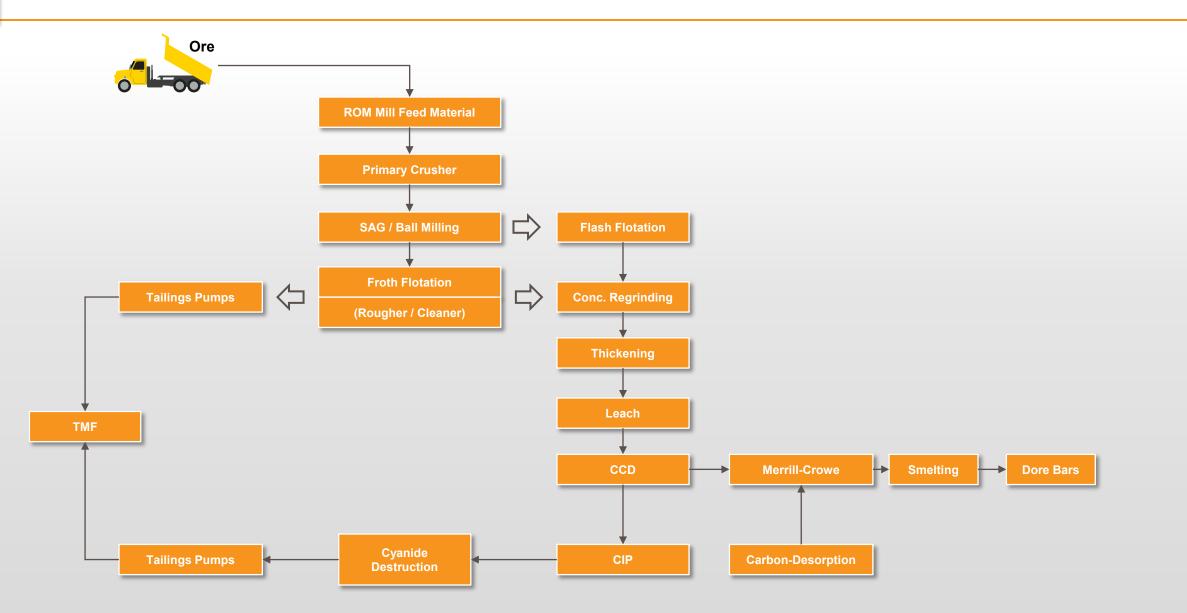






## Projects GRAMALOTE – MINERAL PROCESSING





# PROJECTS SUMMARY

**80** 

Projects





- Obuasi is on the final lap for project completion
- Quebradona is world class and brings copper into the portfolio
- Gramalote adds low cost ounces to the portfolio
- The 3 projects add approx. 20 million gold equivalent ounces to the portfolio
- 1 million gold equivalent ounces / annum
- AGA has a good record for project delivery, and for working with host governments and communities
- Our experienced team is in place, delivering real value through project development



# Christine Ramon Conclusion

09

DIVERSIFIED, DECISIVE, SUSTAINABLE BUSINESS

# A PREMIER INVESTMENT OPPORTUNITY





3.41 and increasing margins 3.3<sup>1</sup> 3.0<sup>1</sup> 2.9<sup>1</sup> 2.8<sup>1</sup> 1.180<sup>1</sup> 1,180 1.1251 1.0501 1.025

2023

2022 <sup>1</sup> Midpoint of indicative outlook, cost in nominal terms

## **STRONG ESG**

2021

Sustainability drives our business performance creating social and financial value for all stakeholders



2024

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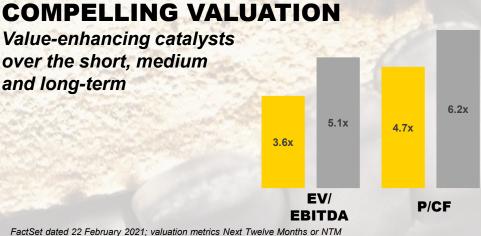
2025

## **ROBUST BALANCE SHEET**

Long-term balance sheet improvement achieved through disciplined capital allocation without equity issuance in the last decade

R0.5bn \$1.3bn \$1.4bn cash Cash RCFs<sup>2</sup> .\$2.8bn<sup>1</sup> б

<sup>1</sup> Total calculated with ZAR500m O/N facility at R14.6878/\$ <sup>2</sup> US\$1.4bn RCF includes a capped facility of AU\$500m



Value-enhancing catalysts over the short, medium and long-term

Peer Group comprises: Newmont, Barrick, Agnico-Eagle, Newcrest, Kirkland, Gold Fields, Kinross and Yamana





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