# Merian Site Tour

March 2, 2017



# Welcome and introductions

| Name | Position | Program |
|---|---|---|
| Tom Palmer | EVP and Chief Operating Officer | Introduction |
| Adriaan Van Kersen | Managing Director, Merian Project | Merian Project Delivery |
| Tony Esplin | General Manager, Merian Complex | Merian Overview |
| Albert Ramdin | Senior Director, External Relations | Sustainability & External Relations |
| Trent Tempel | Senior Vice President, South America | |
| David Portugal | Regional CFO, South America | |
| Krishna Singh | Engineering Superintendent | Mine Tour |
| Kirk Schmidt | Exploration Manager | Mine Tour – Exploration |
| Tom Ohrling | Processing Manager | Process Tour |

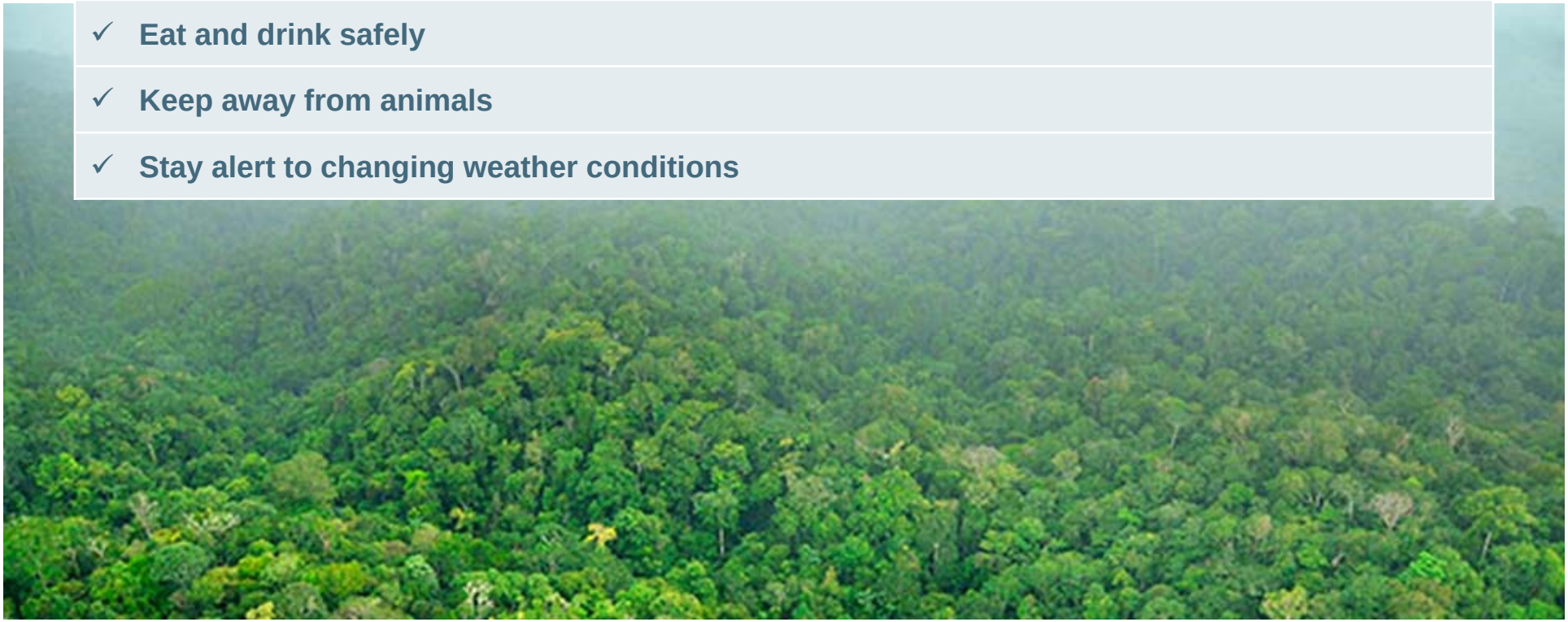
# Cautionary statement

## Cautionary statement regarding forward looking statements:

This presentation contains “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, and are intended to be covered by the safe harbor provided for under such sections. Such forward-looking statements may include, without limitation: (i) estimates of future production and production profiles; (ii) estimates of future costs applicable to sales and All-in sustaining costs; (iii) estimates of future capital expenditures; (iv) estimates of future full potential improvements, including reduced costs, increased efficiency and other optimizations and improvements; (v) expectations regarding future exploration, expansion, mine development, timing of phases and mine life; (vi) future grade, mill and processing estimates and expectations; and (vii) expectations regarding future returns, value creation, financial performance and other outlook or guidance. Estimates or expectations of future events or results are based upon certain assumptions, which may prove to be incorrect. Such assumptions, include, but are not limited to: (i) there being no significant change to current geotechnical, metallurgical, hydrological and other physical conditions; (ii) permitting, development, operations and expansion of the Company’s operations and projects being consistent with current expectations and mine plans, including without limitation receipt of export approvals; (iii) political developments being consistent with its current expectations; (iv) certain price assumptions for gold, copper and oil; (v) prices for key supplies being approximately consistent with current levels; (vi) the accuracy of our current models and study work; (vii) exchange rates being approximately consistent with current levels, and (viii) other assumptions. Where the Company expresses an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, such statements are subject to risks, uncertainties and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by the “forward-looking statements”. Such risks include, but are not limited to, gold and other metals price volatility, currency fluctuations, increased production costs and variances in ore grade or recovery rates from those assumed in mining plans, political and operational risks, community relations, conflict resolution and outcome of projects or oppositions and governmental regulation and judicial outcomes. For a more detailed discussion of such risks and other factors, see the Company’s 2016 Annual Report on Form 10-K, filed on or about February 21, 2017, with the Securities and Exchange Commission (the “SEC”), as well as the Company’s other SEC filings. The Company does not undertake any obligation to release publicly revisions to any “forward-looking statement,” including, without limitation, outlook, to reflect events or circumstances after the date of this presentation, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws. Investors should not assume that any lack of update to a previously issued “forward-looking statement” constitutes a reaffirmation of that statement. Continued reliance on “forward-looking statements” is at investors' own risk.

# Safety share

| As our guest, we ask that you please |
| --- |
| ✓ **Stay alert and aware of your surroundings** – remain with Newmont personnel at all times |
| ✓ **Stay hydrated** |
| ✓ **Protect against bug bites** – cover exposed skin by wearing long-sleeved shirts and long pants |
| ✓ **Eat and drink safely** |
| ✓ **Keep away from animals** |
| ✓ **Stay alert to changing weather conditions** |



# Merian delivers strategy to create long-term value

| | |
|---|---|
| **Improve the underlying business** | **Industry leader in safety and sustainability performance** |
| | **Continued cost improvements** – AISC[1] of $650 – 750/oz |
| | **Steady gold production** – Attributable production of 300 – 375Koz/year |
| **Strengthen the portfolio** | **Establishing foothold in prospective new district** – Guiana Shield |
| | **Added 600Koz of Reserves**[2] – by the drill bit |
| | **Advancing studies on brownfield opportunities** – at Sabajo |
| **Create value for shareholders** | **Project delivered safely, on schedule and $150M below budget** |
| | **Robust margins** – 2017E[3] outlook is 350 – 390Koz @ $560 – 610 AISC/oz |
| | **Generating solid returns for investors** – IRR of >25% |



*(1) (2) (3) See endnote on slide 13. (2) Reserves (proven and probable) of 450Koz attributable to Newmont*
*AISC/oz and Koz/year represent first 5-year averages*

# Long-term value requires investment through cycle

**Merian case study:**

- Investment – entered Suriname in 2004 to establish prospective district
- Exploration – grown to 6.3Moz attributable Reserve & Resource* base by 2016
- Partnership – government of Suriname buys in as 25% owner in 2014
- Projects – delivered $150M below budget in 2016; IRR of >25% and mine life of +13 years



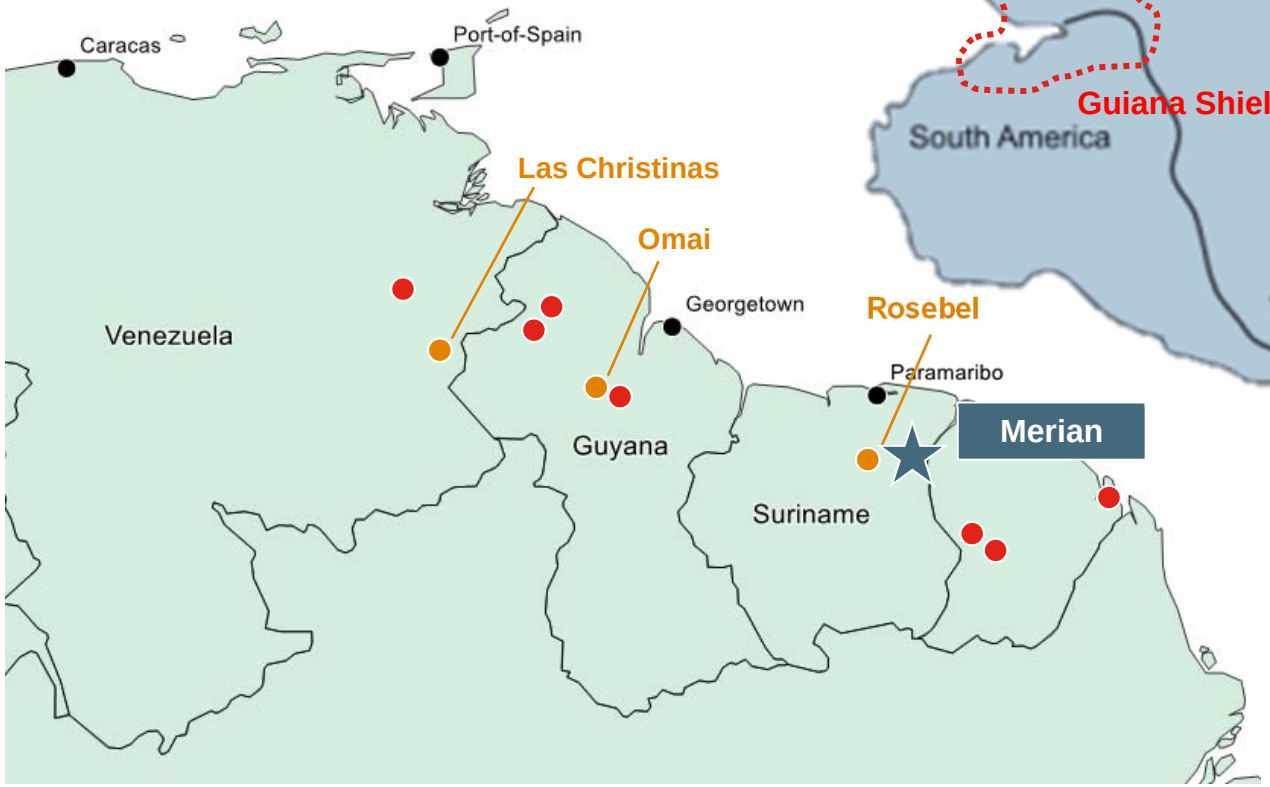

** Represents 4.3Moz reserves (proven and probable) and 2.0Moz resources (measured, indicated, and inferred) on attributable basis*

*Merian*

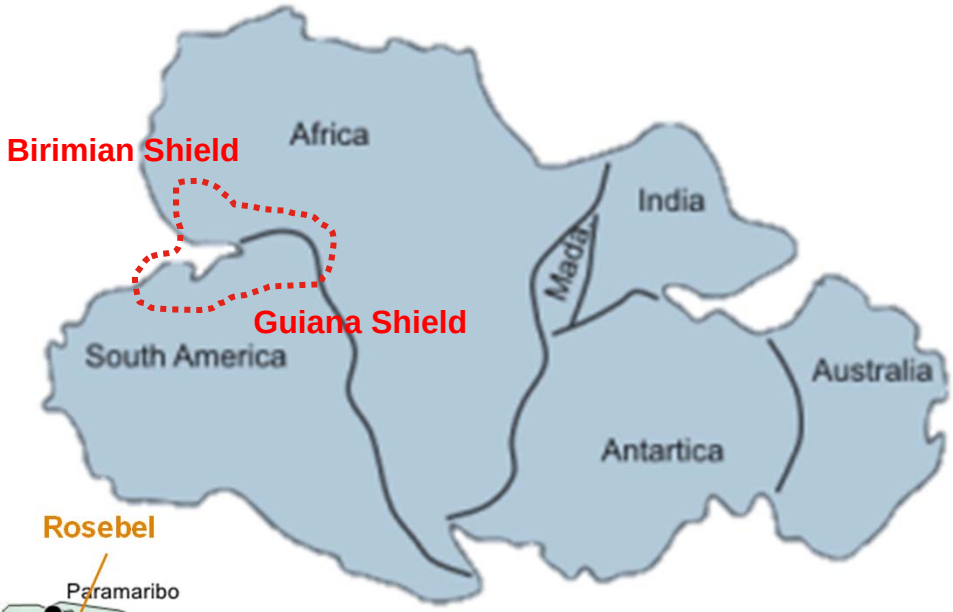
# Geology overview – regional and local

**Guiana Shield**

- **Major gold deposits**
- **Existing gold operations**
- **Newmont operations**

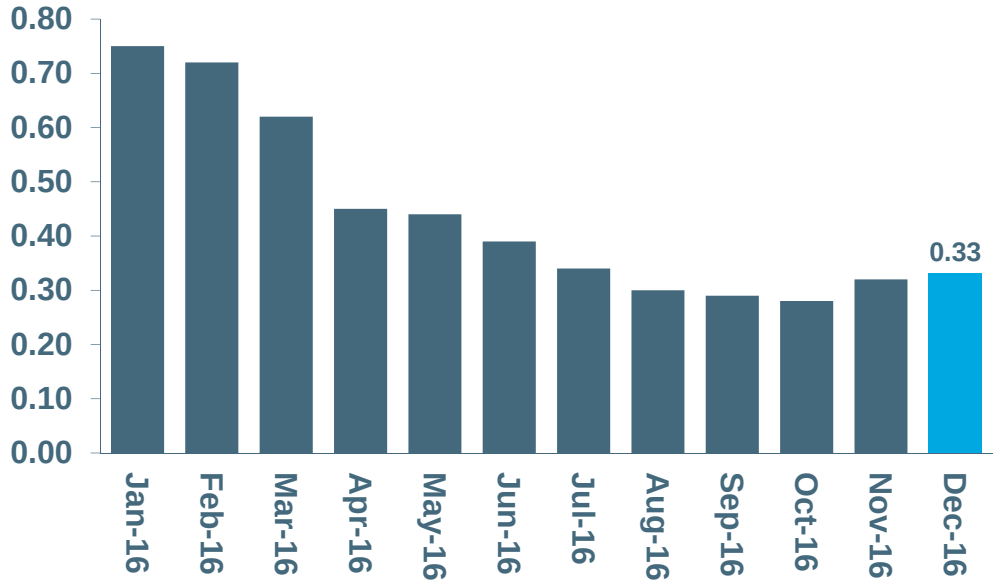



**Gondwanaland** *~250 million years ago*



# Creating a culture of zero harm

**Merian Total Recordable Injury Frequency Rate** (TRIFR)



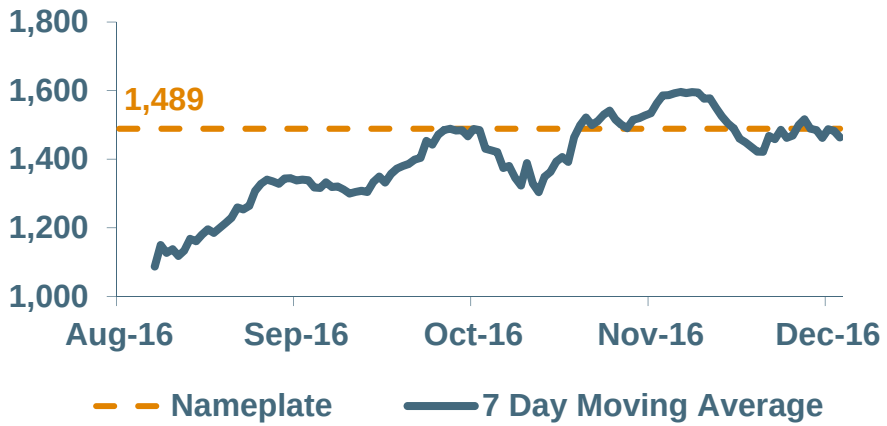

| TRIFR | 2016 Target 0.40 | 2016 Actual 0.33 |
|---|---|---|
| Zero harm | ~2,400,000 hours | |
| Visible felt leadership | Safety focused interactions with employees in the field | |

- Eight reportable injuries in 2016, none serious; one reportable injury for 2017 YTD
- Strong focus on Fatality Risk Management
- Safety Leadership training and coaching commencing in 2017
- Comprehensive incident and near miss reporting
- Cyanide and chemical awareness training for all employees with plant access; ICMC Certification

# Commercial production and successful ramp-up

- Strong emphasis on safety and health
- G-Mining partnership – engineering, construction, transition to operations
- Start-up and commissioning support from Newmont technical teams
- Completed strong first quarter of commercial production; exceeding production ramp-up targets

**Merian Throughput** (Tonnes per Operating Hour)








# Initiating Full Potential in 2017; identifying upside

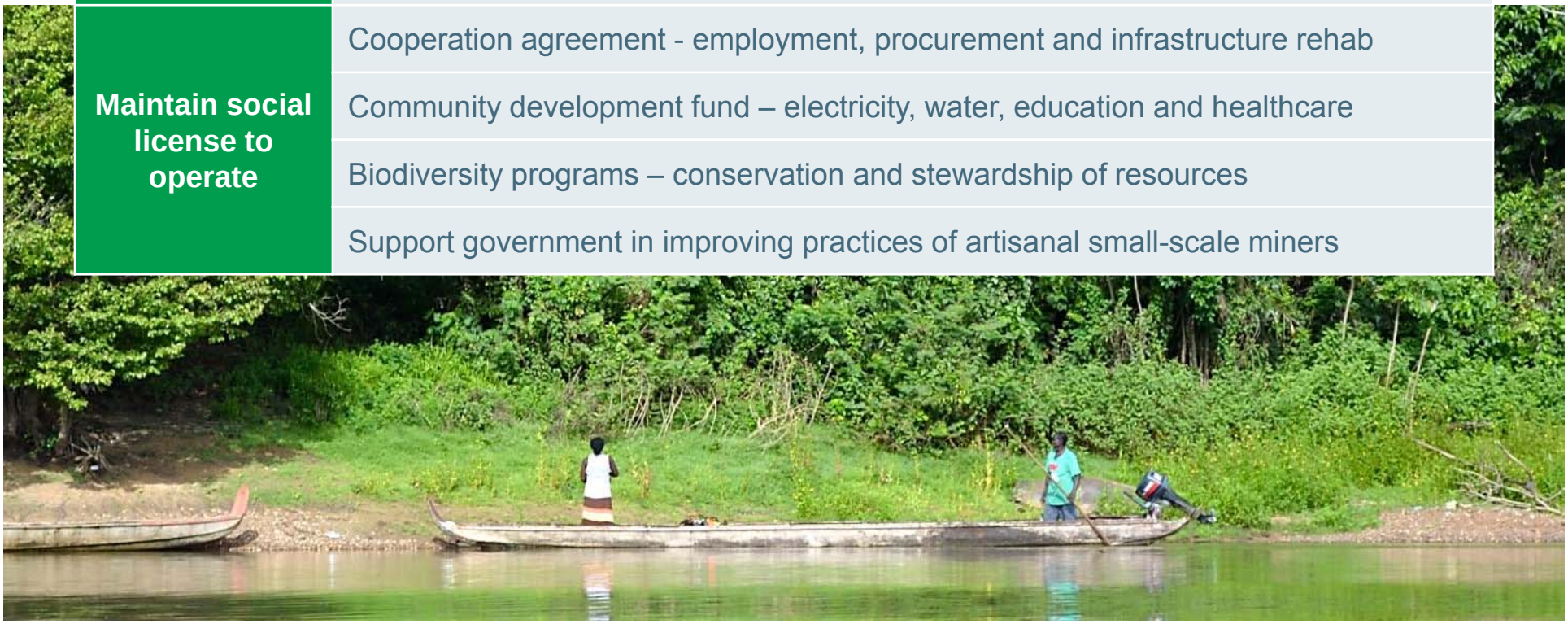
- Operational
  - Complete expansion (crusher, conveyor, stacker, power and infrastructure)
  - Optimize existing process facilities
  - Target wet season operational continuity and productivity
- Upside
  - Wingspan and brownfields saprolite targets; refine strategic options; reserve conversions
  - Underground evaluation; Sabajo; drill targets in Area of Interest; opportunities in the Guiana Shield





# Shared value creation – national and local

| | |
|---|---|
| **Establish Newmont's reputation** | Effective partnership Newmont (75%) with GoS, through Staatsolie (25%) |
| | Mineral Agreement signed in 2013 – government royalty of 6% |
| | Contributing to Surinamese economy – 5 to 7 percent of GDP; 1,250 employees |
| | Mitigate and prevent risks through proactive engagement – Advisory Council |
| **Maintain social license to operate** | Cooperation agreement - employment, procurement and infrastructure rehab |
| | Community development fund – electricity, water, education and healthcare |
| | Biodiversity programs – conservation and stewardship of resources |
| | Support government in improving practices of artisanal small-scale miners |



# Questions?



*Ore stockpiles at Merian*

# Endnotes

Investors are encouraged to read the information contained in this presentation in conjunction with the following notes, the Cautionary Statement on slide 3 and the factors described under the "Risk Factors" section of the Company's Form 10-K, filed with the SEC on February 21, 2017 and disclosure in the Company's other recent SEC filings.

1. All-in sustaining cost is a non-GAAP metric. All-in sustaining cost ("AISC") as used in the Company's Outlook is a non-GAAP metric defined as the sum of cost applicable to sales (including all direct and indirect costs related to current gold production incurred to execute on the current mine plan), remediation costs (including operating accretion and amortization of asset retirement costs), G&A, exploration expense, advanced projects and R&D, treatment and refining costs, other expense, net of one-time adjustments and sustaining capital. A reconciliation has not been provided in reliance on Item 10(e)(1)(i)(B) of Regulation S-K because such reconciliation is not available without unreasonable efforts. For a reconciliation of the Company's historical AISC or 2017 Consolidated Gold AISC Outlook, see page 22 of Newmont's earnings release for the fourth quarter and full year 2016 available on the Company's website www.newmont.com in the newsroom section.

2. U.S. investors are reminded that reserves were prepared in compliance with Industry Guide 7 published by the SEC. Whereas, the term resource, measured resource, indicated resources and inferred resources are not SEC recognized terms, Newmont has determined that such resources would be substantively the same as those prepared using the Guidelines established by the Society of Mining, Metallurgy and Exploration and defined as Mineral Resource. Estimates of resources are subject to further exploration and development, are subject to additional risks, and no assurance can be given that they will eventually convert to future reserves. Inferred resources, in particular, have a great amount of uncertainty as to their existence and their economic and legal feasibility. Investors are cautioned not to assume that any part or all of the inferred resource exists, or is economically or legally mineable. Inventory and upside potential have a greater amount of uncertainty. Investors are cautioned that drill results illustrated in certain graphics in this presentation are not necessarily indicative of future results or future production. Even if significant mineralization is discovered and converted to reserves, during the time necessary to ultimately move such mineralization to production the economic and legal feasibility of production may change. As such, investors are cautioned against relying upon those estimates. For more information regarding the Company's reserves, see the Company's Annual Report filed with the SEC on February 21, 2017 for the Proven and Probable reserve tables prepared in compliance with the SEC's Industry Guide 7, which is available at www.sec.gov or on the Company's website. Investors are further reminded that the reserve and resource estimates used in this presentation are estimates as of December 31, 2016.

3. Outlook projections used in this presentation are considered forward-looking statements and represent management's good faith estimates or expectations of future production results as of February 21, 2017. Outlook is based upon certain assumptions, including, but not limited to, metal prices, oil prices, certain exchange rates and other assumptions. For example, 2017 Outlook assumes $1,200/oz Au, $2.25/lb Cu, $0.75 USD/AUD exchange rate and $55/barrel WTI; AISC and CAS estimates do not include inflation, for the remainder of the year. Assumptions used for purposes of Outlook may prove to be incorrect and actual results may differ materially from those anticipated. Consequently, Outlook cannot be guaranteed. See cautionary statement on slide 3.

Tour participants are reminded that the cautionary note on slide 3 and the endnotes listed above on this slide should also be considered in connection with the poster board presentation at the tour stops, which follows.

# Story board – Mining



# Mine physicals and fleet

| Key Mining Information | |
|---|---|
| Pit production | ~50Mt per year |
| Mine life | 13+ years |
| LOM Grade | Average 1.2 g/t* |
| LOM Strip Ratio | 3.1 |
| 2 primary pits | Merian 2, Maraba |

** Includes reserves (proven & probable) and resources (measured & indicated)*

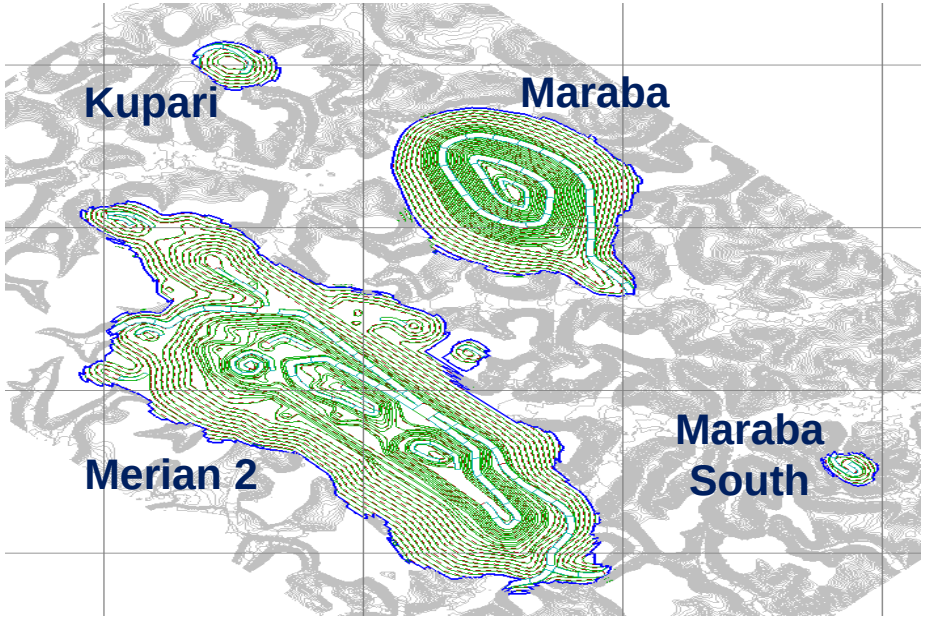
- **25** CAT 785D Haul Trucks
- **6** Hitachi EX3600 Shovels
- **4** Atlas DML DTH Drills
- **4-5** CAT 16M Graders
- **6-7** CAT D10T Tractors
- **18-20** Ancillary Equipment





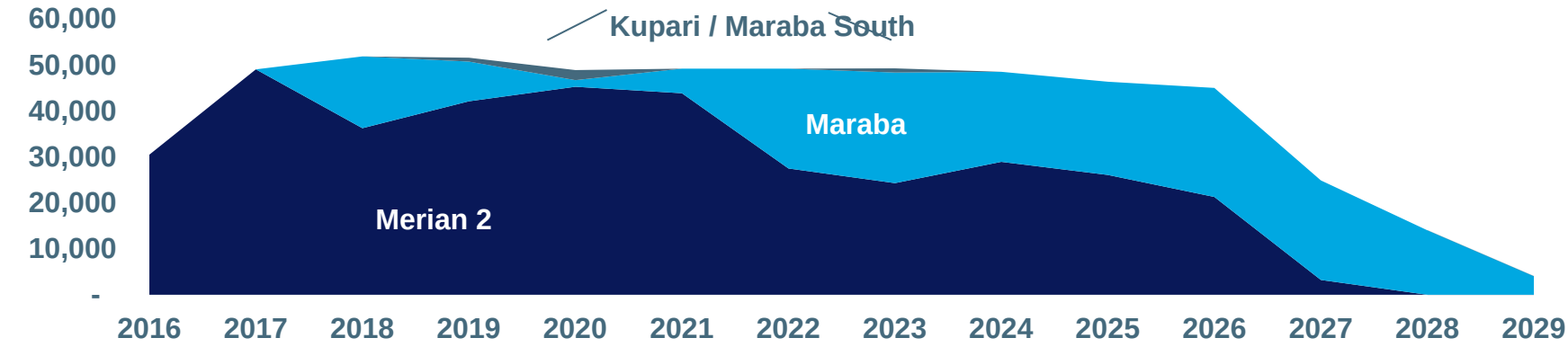



# Merian mine - pit designs




- Merian 2, Phase 1 pit mostly saprolite
- Final pit depth ~260m
- Dual ramp reduces risk; shortens waste haul
- Resource conversion on east wall
- Material types
  - Waste = <0.4 g/t
  - Low grade = 0.4 – 0.7g/t
  - High grade = >0.7 g/t
- Merian 2: bench height 5m / ~55° face angle
- Maraba: bench height 10m

**Merian Tonnes Mined by Pit** (Kt)

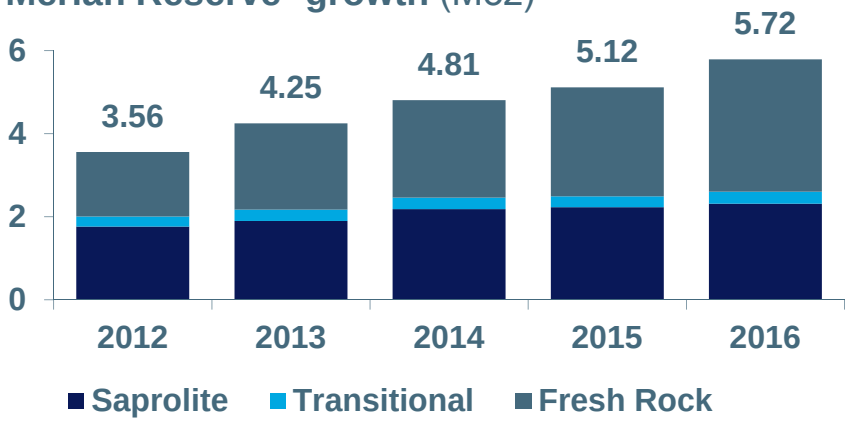


# Story board – Exploration

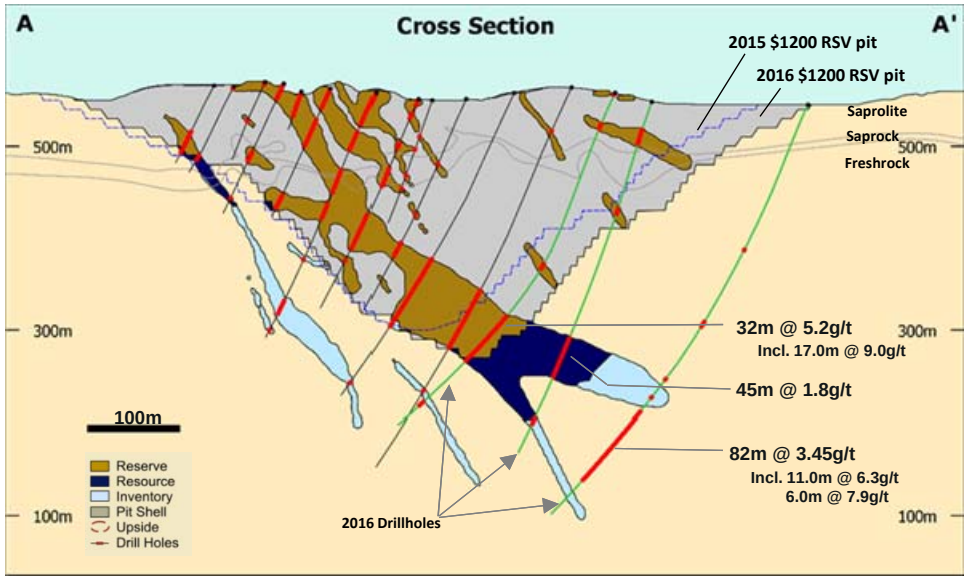


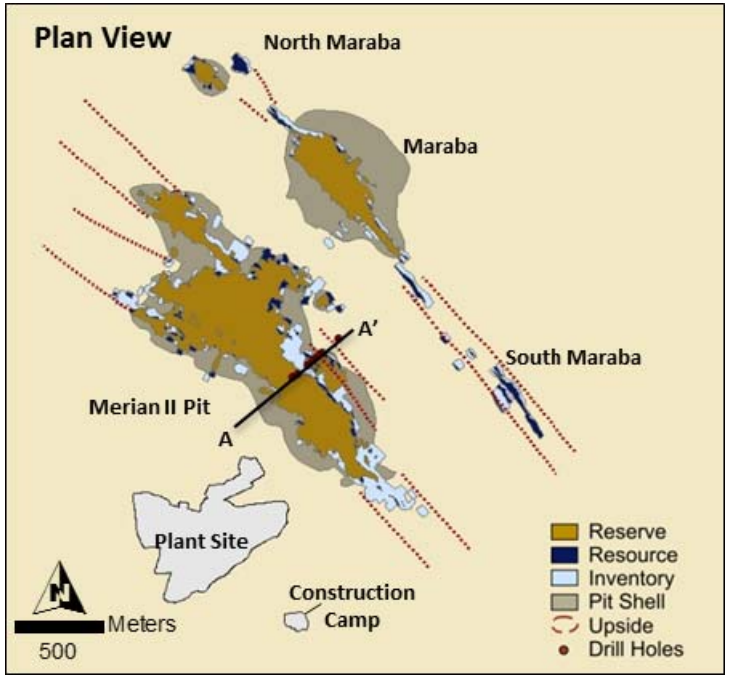
# Reserves and Resources – growth continues

**Merian Reserve[1] growth** (Moz)




| Reserves and Resources (Consolidated, 100% basis) | | |
|---|---|---|
| **Reserves** (Proven & Probable) | 5.72Moz | 141Mt @ 1.3 g/t |
| **Resources**[2] (Measured & Indicated) | 0.92Moz | 26Mt @ 1.1 g/t |
| **Resources**[2] (Inferred) | 1.73Koz | 49Mt @ 1.1 g/t |
| 2016 Reserve increase: 600Koz (net of depletion) | | |



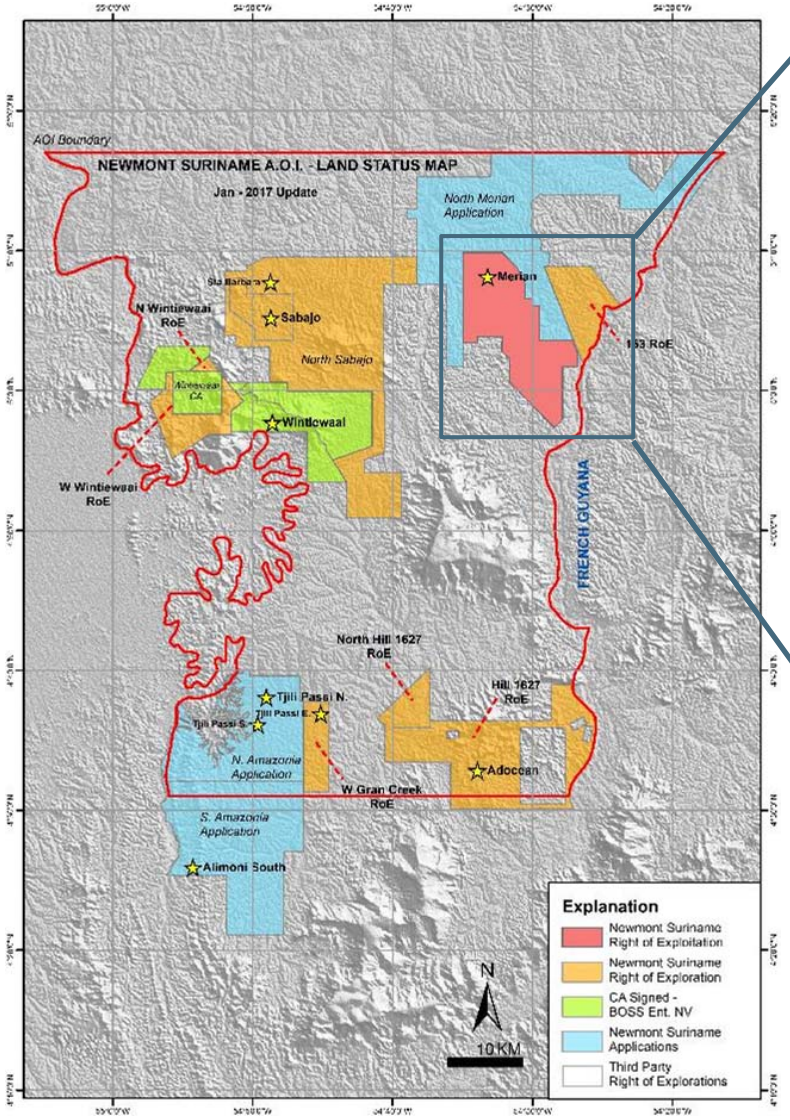



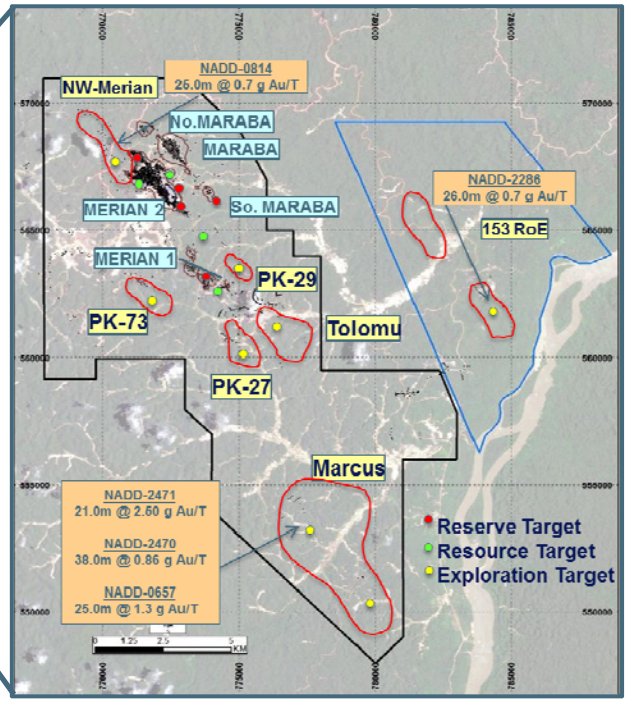

*Drill results are not necessarily indicative of future production; see endnote 2*

*(1) Reserves (proven and probable) on 100% consolidated basis*

*(2) See endnote 2*

# Merian district exploration – focus and highlights



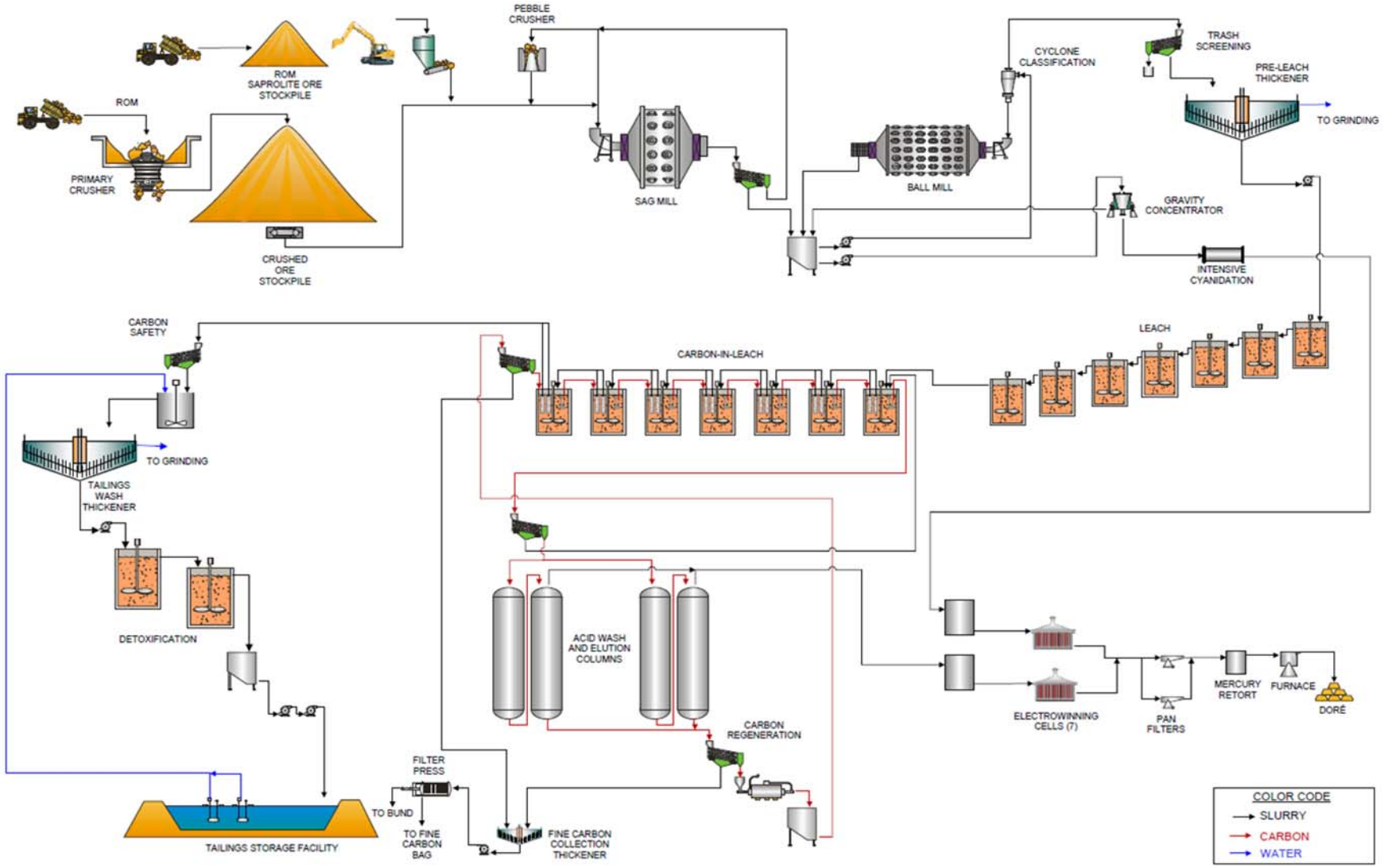




- Extend saprolite mining beyond 2022
- Extend Merian mine life beyond 2030
- Advance Sabajo Project
- Continued exploration of prospective “greenstone” belts

# Story board - Processing



# Merian Process Plant

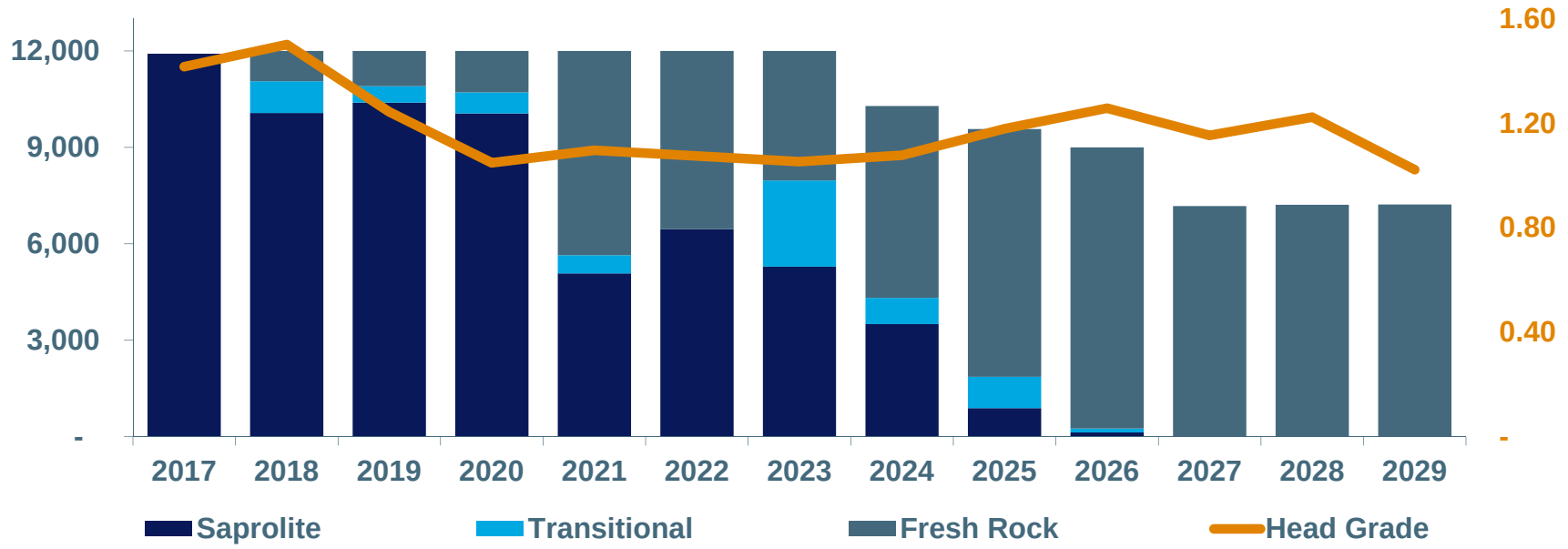


# Process feed and throughput

- Feed material – fine saprolite with limited quartz vein material; sand/silt from former small scale mine tailings
- Feed system – CAT D10T dozers & 349 excavators; apron feeders in the sub-tunnel; discharge onto the SAG feed conveyor
- Mill will transition to hard rock feed from 2024

| Key Processing Information | |
|---|---|
| Nominal Nameplate | ~12 Mtpa |
| LOM Avg. Head Grade | 1.2 g/t |
| LOM Avg. Gold Recovery | >93% |

**Merian Mill Feed** (Kt) **and Head Grade** (grams per tonne)



# Maximizing the plant through Full Potential

- Successful commissioning: early operations exceeded 1,489 tph (nameplate) throughput
- Process optimization in progress; potential to increase throughput rates – approaching 1,750 tph
- Full Potential expected to lower unit processing costs; power consumption, reagents and grinding media
- Asset Management System implementation in progress
- Metallurgically clean deposit – limits environmental risks: <5 ppm $CN_{WAD}$ limit

| **Comminution Circuit** | |
|---|---|
| Design nameplate | 1,489 tonnes per hour |
| 13MW SAG Mill | 34’ x 19’ variable speed Metso/ABB |
| 13MW Ball Mill | 26’ x 42’ variable speed Metso/ABB |
| 2MW Cyclone pumps | Krebs 28” x 26 |
| Cyclones | Krebs gMAX26” x16 |
| Pebble Crusher | Metso HP4 |
| **Power Plant** | |
| Power generators | 5 x 8.8MW,13.8kV Wärtsilä engines |
| HFO storage tanks | 2 x 1,500$m^3$ (3-4 weeks inventory) |
| Site Power Draw | 20MW (peak 25MW) |