



OPERATIONAL PROFILE 2016



MORILA MALI

Morila is a joint venture between AngloGold Ashanti and Randgold Resources in which each has a 40% interest, with the remaining 20% held by the Government of Mali. Randgold Resources operates the mine. Morila is situated 280km south-east of Bamako, the country's capital. The operation ceased mining operations in 2009 and has fully transitioned to a tailings storage treatment operation in quarter four of 2016. The plant, which incorporates a conventional carbon-in-leach (CIL) process with an upfront gravity section to extract the free gold, has an annual throughput capacity of 4.3Mt.

HIGHLIGHTS

PRODUCTION DECLINE

in line with plan

TRANSITIONED TO

treatment of low-grade tailings

COST MANAGEMENT

remains a focus

ALL-IN SUSTAINING COSTS

of \$1,337/oz

As at 31 December 2016:

- **MINERAL RESOURCE** of 0.2Moz (inclusive)
- **ORE RESERVE** of 0.1Moz

OPERATIONAL PERFORMANCE

PRODUCTION

The year-on-year reduction in output at Morila is attributable to the completion of treating mineralised waste tonnes and the transition to treatment of low-grade tailings storage material in the latter part of the year.

Morila completed the mining and processing of mineralised waste ore during the year and from the last quarter of the year transitioned to a full tailings storage material treatment operation. This is expected to continue for the next two years, after which the mine will transition to full closure. Morila delivered a 23%

increase in tonnage throughput during the year contributing 22,000oz, as a result of consistent plant availability and treatment of softer ore, thus offsetting the decrease in recovered grade.

COSTS

During the year, AngloGold Ashanti consolidated its continuous improvement and operational review processes at its Continental Africa operations, together with the various cost management initiatives under the umbrella of the 'Operational Excellence' programme, focused on delivering systemic and sustainable operational improvements and aimed at each operation rapidly progressing towards targeted all-in sustaining unit costs that reflect the

inherent opportunity and value set within the operation. Operational Excellence principles will leverage the learnings and system opportunities derived through the P500 cost saving initiative with standardised and consistent measurement of operating metrics. The initial diagnostic assessments have been completed, with opportunities identified either in the stage of implementation or budgeted and planned for implementation in 2017.

CAPITAL EXPENDITURE

Capital expenditure at Morila was minimal in 2016 and was aimed at maintenance of equipment.



SUSTAINABILITY PERFORMANCE

For information on our sustainable development activities, refer to:

- the Continental Africa regional review in the Integrated Report 2016, available at www.aga-reports.com/16/ir/
- the Sustainable Development Report 2016, available at www.aga-reports.com/16/sdr/home

MORILA – KEY STATISTICS

| | Units | 2016 | 2015 | 2014 |
|-----------------------------------|----------------|--------------|-------|-------|
| Operational performance | | | | |
| Cut-off grade ⁽²⁾ | oz/t | 0.014 | 0.014 | 0.014 |
| | g/t | 0.47 | 0.49 | 0.49 |
| Recovered grade | oz/t | 0.013 | 0.036 | 0.031 |
| | g/t | 0.45 | 1.24 | 1.06 |
| Tonnes treated/milled | Mt | 1.5 | 1.2 | 1.3 |
| Gold production | 000oz | 22 | 49 | 44 |
| Total cash costs | \$/oz produced | 1,123 | 698 | 1,162 |
| All-in sustaining costs | \$/oz sold | 1,337 | 815 | 1,298 |
| Capital expenditure | \$m | 1 | 6 | 6 |
| Productivity | oz/TEC | 10.19 | 15.98 | 10.13 |
| People | | | | |
| Total average no. of employees | | 324 | 389 | 500 |
| – Permanent | | 149 | 170 | 185 |
| – Contractors | | 175 | 219 | 315 |
| Environment ⁽¹⁾ | | | | |
| Total rehabilitation liabilities | \$m | 7 | 9 | 5 |

⁽¹⁾ Environmental and safety information for Morila is reported by the joint venture partner and manager of the operation, Randgold Resources Limited.

⁽²⁾ Based on the Ore Reserve.