

OPERATIONAL PROFILE

2013



The Morila mine, one of the three operations in Mali, is a joint venture between AngloGold Ashanti and the mine's operator, Randgold Resources, in which each has an interest of 40%. The Government of Mali owns the remaining 20%.

Morila, which began production in October 2000, is situated 180km southeast of Bamako, the capital of Mali.

The operation currently treats low-grade (1.14g/t) stockpiles while the plant, which incorporates a conventional carbon-in-leach process with an upfront gravity section to extract the free gold, has annual throughput capacity of 4.3Mt.

With the depletion of the orebody and the conclusion of mining in 2009, operations now involve processing of the remaining stockpile.

PERFORMANCE 2013

Mining at Morila has ceased and operations at Morila currently involve processing the stockpile of 5Mt (marginal ore and marginal waste) at year-end.

The Morila operation was previously faced with closure, but the life of mine (LOM) has been extended to 2018 with new projects (the development of Pit 4 and retreatment of material from the tailings storage facility) coming on stream.

A closure committee (established by government) and consisting of representatives from all stakeholder groups (including government, communities, employees and management) continues to convene to monitor the operation's closure plans.

HIGHLIGHTS OF THE YEAR

- Production lower as operation approaches its end of life
- An average of 390 employees achieved a productivity rate of 17.88oz per total employee costed (TEC)
- Unit costs rose year-on-year, in line with declining production
- As at 31 December 2013, Morila's Mineral Resource of 0.23Moz accounted for 0.3% of the Continental Africa region's Mineral Resource
- Stockpiles being treated
- A formal closure committee has been set up

Morila – key statistics

		Units	2013	2012	2011
Operational performance					
Pay limit		oz/t	0.03	0.02	0.02
		g/t	0.97	0.68	0.60
Recovered grade		oz/t	0.036	0.041	0.050
	– 40%	g/t	1.23	1.41	1.70
Tonnes treated/milled	– 100%	Mt	3.5	4.5	4.5
	– 40%	Mt	1.4	1.8	1.8
Gold production	– 100%	000oz	142	203	248
Gold production	– 40%	000oz	57	81	99
Total cash costs ⁽¹⁾	– 40%	\$/oz produced	773	767	810
All-in sustaining costs	– 40%	\$/oz sold	1,051	765	
Total production costs		\$/oz	838	798	863
Capital expenditure ⁽¹⁾	– 100%	\$m	28	3	3
	– 40%	\$m	13	1	1
Productivity	– 40%	oz/TEC	17.88	35.72	42.00
People					
Total average no. of employees (40%)			390	319	328
– Permanent			169	169	174
– Contractors			221	150	154
Environment ⁽²⁾					
Total rehabilitation liabilities		\$m	5	5	5

⁽¹⁾ Restated for 2011 and 2012 in terms of adoption of IFRIC 20.

⁽²⁾ Environmental information for Morila is reported by the joint venture partner, Randgold Resources Limited, which manages this operation.

For more detailed information from an operational and sustainability perspective, please see the Mali country fact sheet which is available at www.aga-reports.com.