

# OPERATIONAL PROFILE

2013



Yatela is the one of three AngloGold Ashanti operations in Mali. The mine is 80% owned by the Sadiola Exploration Company Limited, a joint venture between AngloGold Ashanti (40%), IAMGOLD (40%) and the Government of Mali (20%). AngloGold Ashanti operates the mine.

Yatela, which began operations in 2001, is situated in south-western Mali, some 25km north of Sadiola and approximately 50km south-southwest of the regional capital Kayes. It is situated 25km north of Sadiola.

This operation has traditionally extracted ore from a number of pits including the Yatela main pit, Alamoutala and its four satellite pits, KW18 and the north-west extension. The orebody has been depleted and the pits have now reached the end of their lives. For the remaining life of the operation, the focus will be on closure, although stockpiles and heap leach pads will be processed delivering minimal levels of production for the next two to three years.

## PERFORMANCE 2013

Mining in most of the Yatela pits has been completed and final cutback in the Yatela Main pit (Pushback 8), which continues from Yatela North, has been completed. Mining at Pushback 8 is currently not viable due to mining constraints and the prevailing gold price. Numerous alternatives were considered and the only economic option is to continue treating marginal ore stockpiles and spent heap leach pads, while progressing towards closure. As a result, mining was suspended at the end of the third quarter of 2013.

Production will be significantly reduced over the next three years while the pads are rinsed. The anticipated closure obligation is around \$50m (100%). Closure and rehabilitation activities will continue in 2014.

## HIGHLIGHTS OF THE YEAR

- Declining annual production as mine approaches the end of its operating life
- An average of 367 employees achieved a productivity rate of 10.21oz per total employee costed (TEC)
- Zero lost-time injuries
- As at 31 December 2013, Yatela's Mineral Resource of 0.01Moz accounted for 0.01% of the Continental Africa region's Mineral Resource
- Mining halted – processing of stockpiles to continue

## Yatela – key statistics

		Units	2013	2012	2011
<b>Operational performance</b>					
Pay limit		oz/t	0.03	0.01	0.02
		g/t	1.01	0.40	0.55
Recovered grade		oz/t	0.03	0.03	0.03
	– 40%	g/t	0.93	1.06	1.04
Tonnes treated/milled	– 100%	Mt	2.5	2.7	2.8
	– 40%	Mt	1.0	1.1	1.1
Gold production	–100%	000oz	67	72	72
Gold production	– 40%	000oz	27	29	29
Total cash costs <sup>(1)</sup>	– 40%	\$/oz produced	1,530	1,758	1,530
All-in sustaining costs	– 40%	\$/oz sold	1,653	1,888	
Total production costs		\$/oz	1,702	1,946	1,623
Capital expenditure <sup>(1)</sup>	– 100%	\$m	7	5	2
	– 40%	\$m	3	2	1
Productivity	– 40%	oz/TEC	10.21	8.82	8.89
<b>Safety</b>					
No. of fatalities			0	0	0
All injury frequency rate (AIFR)		per million hours worked	0.00	0.36	1.52
<b>People</b>					
Total average no. of employees	– 40%		367	407	377
– Permanent			130	125	129
– Contractors			237	282	248
<b>Environment</b>					
Total water usage		ML	254	1,578	1,036
Total water usage per tonne treated		kL/t	0.10	0.58	0.37
Total energy usage		PJ	0.52	0.70	0.62
Total energy usage per tonne treated		GJ/t	0.20	0.26	0.22
Total greenhouse gas (GHG) emissions (CO <sub>2</sub> e)		000t	38	52	46
Total GHG emissions per tonne treated		t CO <sub>2</sub> e/t	0.01	0.02	0.02
Cyanide usage		t	1,320	1,260	1,112
No. of reportable environmental incidents			0	0	0
Total rehabilitation liabilities		\$m	15	15	14

<sup>(1)</sup> Recalculated for 2011 and 2012 in terms of adoption of IFRIC 20.

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](http://www.aga-reports.com).