Overview

Mining at Tongon began in April 2010 and gold production from the open pit operation started in December 2010.

The Tongon mine comprises two open pit operations, the Southern and Northern Zones. The mine currently has a seven year Life of Mine but exploration, aimed at adding to the current reserves and extending the life of the mine, continues.

The Tongon mine is located within the Nielle exploration permit in the north of Côte d'Ivoire, 55km south of the border with Mali. Randgold owns 89% of the mine, the State of Côte d'Ivoire 10% and 1% is held by a local company.

Achieved in 2014

- 227 103oz gold produced at total cash cost of $872/oz
- Crushing plant upgrade and Phase 1 of flotation circuit upgrade completed
- Improved operating performance resulted in increased mill throughput and recovery
- Continued improvement in management of fresh water use in the plant
- OHSAS 18001 safety accreditation maintained
- ISO 14001 environmental accreditation maintained
- Zero LTIs and 5 million LTI free hours achieved
- Malaria incidence decreased by 16% on prior year
- Increased localisation of workforce; 94% of all workers are now Ivorian
- Received 'Award for Excellence' and recognised as the best mine in the country by the President of Côte d'Ivoire

Targeted in 2015

- Produce 260 000oz of gold
- Reduce total cash cost/oz of production
- Complete flotation circuit upgrade
- Maintain OHSAS 18001 and ISO 14001 accreditations
- Maintain and improve community relations and social development

Key 2014 numbers

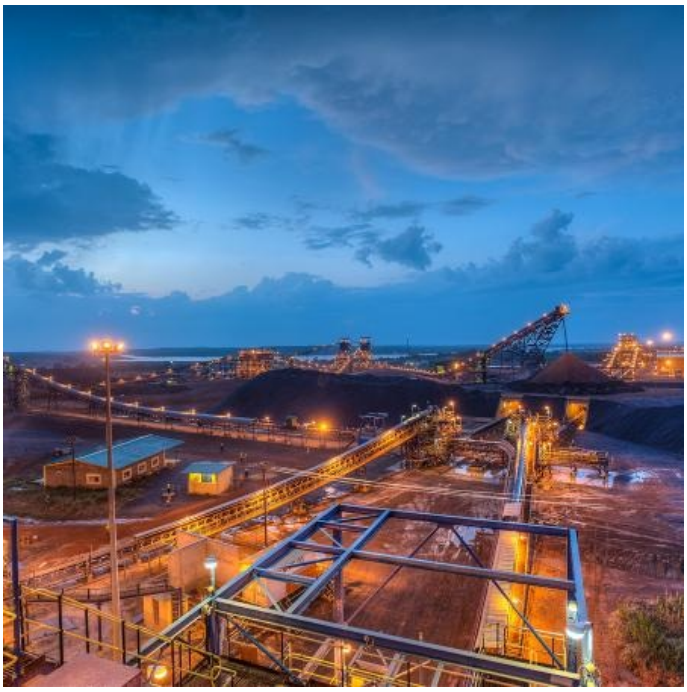
for the 12 months ended 31 December

Equity ownership		89%
2014 production	(100%)	227 103oz
Total cash costs	($/oz)	872

Profit from mining activity#	(100%)	$89m
Total reserves	(100%)	2.2 Moz
Total resources measured and indicated	(100%)	2.7 Moz
Total resources inferred	(100%)	1.0 Moz
Safety certification		OHSAS 18001
Lost Time Injury Frequency Rate		
Environmental certification		ISO 14001

 # Profit from mining activity is calculated by subtracting total cash costs from gold sales, and is measured prior to depreciation, interest and corporate tax charges.

Gallery



See more from this gallery

Tongon Mineral Resources and Ore Reserves

		Tonnes (Mt)		Grade (g/t)		Gold (Moz)		Attributable gold[3] (Moz)	
at 31 December	Category	**2014**	2013	**2014**	2013	**2014**	2013	**2014**	2013
Mineral resources[1]									
Stockpiles	Measured	**3.0**	3.3	**1.3**	1.4	**0.1**	0.2	**0.1**	0.1
Open pits	Measured	**3.9**	5.7	**3.1**	2.6	**0.4**	0.5	**0.3**	0.4
	Indicated	**27**	24	**2.6**	2.5	**2.2**	1.9	**2.0**	1.7
	Inferred	**4.3**	4.6	**2.5**	2.6	**0.3**	0.4	**0.3**	0.3
Underground	Indicated	**-**	-	**-**	-	**-**	-	**-**	-
	Inferred	**7.5**	7.5	**2.8**	2.8	**0.7**	0.7	**0.6**	0.6
TOTAL MINERAL RESOURCES	Measured and Indicated	**34**	33	**2.5**	2.4	**2.7**	2.5	**2.4**	2.2

	Inferred	**12**	12	**2.7**	2.7	**1.0**	1.1	**0.9**	0.9
Ore reserves[2]									
Stockpiles	Proven	**3.0**	3.3	**1.3**	1.4	**0.1**	0.2	**0.1**	0.1
Open pits	Proven	**4.2**	-	**2.8**	-	**0.4**	-	**0.3**	-
	Probable	23	28	2.4	2.3	1.7	2.1	1.5	1.8
TOTAL ORE RESERVES	Proven and probable	**30**	31	**2.3**	2.2	**2.2**	2.2	**2.0**	2.0

1 Open pit mineral resources are the insitu mineral resources falling within the $1 500/oz pit shell reported at a 0.5g/t cut-off. Underground mineral resources are those insitu mineral resources below the NZ, $1 500/oz pit shell reported at a 2.0g/t cut-off. Mineral resources for SZ were generated by Mr Simon Bottoms, an officer of the company and competent person, and for NZ by Mr Babacar Diouf, an officer of the company, and supervised by Mr Jonathan Kleynhans, an officer of the company and competent person.

2 Open pit ore reserves ore reported at a gold price of $1 000/oz and 0.8g\t cut-off and include dilution and ore loss factors. Open pit ore reserves were calculated by Mr Shaun Gillespie, an officer of the company and competent person.

3 Attributable gold (Moz) refers to the quantity attributed to Randgold based in its 89% interest in Tongon SA. Mineral resource and ore reserve numbers are reported as per JORC 2012 and as such reported to the second significant digit.

Refer to the notes to the annual resources and reserves declaration on page 95 of the 2014 annual report.

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