

OPERATIONAL PERFORMANCE

Surface dumps

		FY17	FY16	FY15
Number of employees				
– Permanent		10	10	10
– Contractors		107	190	174
Total		117	200	184
Operational				
Volumes milled	(000t) (metric)	2 810	3 041	2 701
	(000t) (imperial)	3 099	3 353	2 978
Gold produced	(kg)	1 055	1 065	862
	(oz)	33 918	34 241	27 713
Grade	(g/t)	0.375	0.350	0.319
	(oz/t)	0.011	0.010	0.009
Financial				
Revenue	(Rm)	609	577	389
	(US\$m)	45	40	34
Average gold price received	(R/kg)	572 172	544 996	450 420
	(US\$/oz)	1 309	1 169	1 224
Cash operating cost	(Rm)	459	427	330
	(US\$m)	34	29	29
Production profit/(loss)	(Rm)	142	158	58
	(US\$m)	10	11	5
Capital expenditure	(Rm)	163	18	6
	(US\$m)	12	1	1
Cash operating cost	(R/kg)	434 715	401 033	382 959
	(US\$/oz)	995	860	1 041
All-in sustaining cost	(R/kg)	445 451	422 205	403 906
	(US\$/oz)	1 019	906	1 097
Safety				
Number of fatalities		0	0	0
Lost-time injury frequency rate per million hours worked		0	0	2.48
Environment				
Electricity consumption	(GWh)	52	66	64
Water consumption – primary activities	(ML)	234	394	480
Greenhouse gas emissions	(000t CO ₂ e)	51	67	66
Intensity data per tonne treated				
– energy		0.02	0.02	0.02
– water		0.08	0.12	0.18
– greenhouse gas emissions		0.02	0.02	0.02
Number of reportable environmental incidents		0	0	0
Community				
Local economic development	(Rm)	0	0	0

Surface dumps *continued*

Other salient features

Status of operation	Following the conversion of the Central Plant to process tailings, the processing of waste rock dumps will be substantially reduced over the next few years.
Life of mine	± 1 year (depending on availability of spare plant capacity)
Compliance and certification	Certification depends on the future of these operations ISO 9001

Mineral reserves as at 30 June 2017

Reserves (metric)	Proved reserves			Probable reserves			Total mineral reserves		
	Tonnes (Mt)	Grade (g/t)	Gold (000kg)	Tonnes (Mt)	Grade (g/t)	Gold (000kg)	Tonnes (Mt)	Grade (g/t)	Gold (000kg)
	–	–	–	3.9	0.51	2	3.9	0.51	2
Reserves (imperial)	Tons (Mt)	Grade (oz/t)	Gold (000oz)	Tons (Mt)	Grade (oz/t)	Gold (000oz)	Tons (Mt)	Grade (oz/t)	Gold (000oz)
	–	–	–	4.3	0.015	64	4.3	0.015	64

Production from the processing of surface rock dumps situated in the Free State province of South Africa depends entirely on the availability of spare mill capacity at the Harmony One and Target plants, which in turn depends on the availability of underground ore delivered for milling. Waste and waste rock dump deliveries to Kusasaletu Plant (situated near the border of Gauteng and North West Province) supplement mining volumes in order to secure sufficient backfill to use as support in stoping areas.

The tailings retreatment conversion of the Central Plant in FY17 reduced capacity to process waste rock volumes and resulted in an 8% decrease in volumes milled to 2 810 000 tonnes (3 099 000 tons). Waste rock dumps will no longer be processed at the Central Plant in FY18 following the completion of the conversion of this plant to treat tailings.

Gold production from the processing of material from the surface dumps reduced by 1% as the decrease in volumes processed was largely offset by the increase in the recovered grade of 7% to 0.375g/t (0.011oz/t) as higher grade waste rock material was processed in FY17.

Included in the capital expenditure for FY17 is R156 million (US\$11.5 million) related to the Central Plant tailings conversion project which was completed on time and below budget.