

Harmony Gold Mining Company Limited
("Harmony" or "Company")
Incorporated in the Republic of South Africa
Registration number 1950/038232/06
JSE share code: HAR
NYSE share code: HMY
ISIN: ZAE000015228

H2 FY16 RESULTS
FOR THE SIX MONTHS AND YEAR ENDED
30 JUNE 2016

KEY FEATURES

Year on year

- 6% increase in underground recovered grade
- 54% reduction in net debt to R1.08 billion (61% to US\$74 million)
- Net profit of R949 million (US\$64 million)
- Dividend of 50 SA cents (4 US cents)
- Headline earnings per share (HEPS) of 221 SA cents (15 US cents)
- Enhancing our portfolio of copper-gold assets

		6 months ended		Variance	Year ended		Variance
		June 2016	December 2015		June 2016	June 2015	
Gold produced	- kg	15 974	17 681	(10)	33 655	33 513	-
	- oz	513 576	568 459	(10)	1 082 035	1 077 466	-
Cash operating costs	- R/kg	413 796	372 358	(11)	392 026	369 203	(6)
	- US\$/oz	836	851	2	841	1 003	16
Gold sold	- kg	15 900	17 742	(10)	33 642	34 332	(2)
	- oz	511 198	570 417	(10)	1 081 615	1 103 793	(2)
Underground grade	- g/t	4.88	5.16	(5)	5.02	4.75	6
Total costs and capital	- R/kg	484 167	430 417	(12)	455 929	442 895	(3)
	- US\$/oz	978	983	1	978	1 203	19
All-in sustaining costs*	- R/kg	492 792	444 884	(11)	467 526	453 044	(3)
	- US\$/oz	996	1 016	2	1 003	1 231	19
Gold price received	- R/kg	605 476	490 773	23	544 984	449 570	21
	- US\$/oz	1 223	1 121	9	1 169	1 222	(4)
Production profit	- R million	3 092	1 992	55	5 084	2 802	81
	- US\$ million	201	146	38	350	245	43
Basic earnings/(loss) per share	- SAC/s	320	(102)	>100	218	(1 044)	>100
	- USc/s	21	(7)	>100	15	(86)	>100
Headline earnings/(loss)	- Rm	1 412	(449)	>100	964	(821)	>100
	- US\$m	92	(33)	>100	66	(68)	>100
Headline earnings/(loss) per share	- SAC/s	324	(103)	>100	221	(189)	>100
	- USc/s	21	(8)	>100	15	(16)	>100
Exchange rate	- R/US\$	15.39	13.62	13	14.50	11.45	27

*Excludes share-based payment charge

HARMONY'S ANNUAL REPORTS

Harmony's Integrated Annual Report, the Sustainable Development Information which serves as supplemental information to the Integrated Annual Report and its annual report filed on a Form 20F with the United States' Securities and Exchange Commission for the financial year ended 30 June 2016 will be available on our website (www.harmony.co.za/investors) on 26 October 2016. Mineral resource and reserve information as at 30 June 2016 is included in this report.

FORWARD-LOOKING STATEMENTS

This report contains forward-looking statements within the meaning of the safe harbor provided by Section 21E of the Securities Exchange Act of 1934, as amended, and Section 27A of the Securities Act of 1933, as amended, with respect to our financial condition, results of operations, business strategies, operating efficiencies, competitive positions, growth opportunities for existing services, plans and objectives of management, markets for stock and other matters. These include all statements other than statements of historical fact, including, without limitation, any statements preceded by, followed by, or that include the words "targets", "believes", "expects", "aims", "intends", "will", "may", "anticipates", "would", "should", "could", "estimates", "forecast", "predict", "continue" or similar expressions or the negative thereof.

These forward-looking statements, including, among others, those relating to our future business prospects, revenues and income, wherever they may occur in this report and the exhibits to this report, are essentially estimates reflecting the best judgment of our senior management and involve a number of risks and uncertainties that could cause actual results to differ materially from those suggested by the forward-looking statements. As a consequence, these forward-looking statements should be considered in light of various important factors, including those set forth in this report. Important factors that could cause actual results to differ materially from estimates or projections contained in the forward-looking statements include, without limitation: overall economic and business conditions in South Africa, Papua New Guinea, Australia and elsewhere, estimates of future earnings, and the sensitivity of earnings to the gold and other metals prices, estimates of future gold and other metals production and sales, estimates of future cash costs, estimates of future cash flows, and the sensitivity of cash flows to the gold and other metals prices, statements regarding future debt repayments, estimates of future capital expenditures, the success of our business strategy, development activities and other initiatives, estimates of reserves statements regarding future exploration results and the replacement of reserves, the ability to achieve anticipated efficiencies and other cost savings in connection with past and future acquisitions, fluctuations in the market price of gold, the occurrence of hazards associated with underground and surface gold mining, the occurrence of labor disruptions, power cost increases as well as power stoppages, fluctuations and usage constraints, supply chain shortages and increases in the prices of production imports, availability, terms and deployment of capital, changes in government regulation, particularly mining rights and environmental regulation, fluctuations in exchange rates, the adequacy of the Group's insurance coverage and socio-economic or political instability in South Africa and Papua New Guinea and other countries in which we operate.

For a more detailed discussion of such risks and other factors (such as availability of credit or other sources of financing), see the Company's latest Integrated Annual Report on Form 20-F which is on file with the Securities and Exchange Commission, as well as the Company's other Securities and Exchange Commission filings. The Company undertakes no obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after the date of this annual report or to reflect the occurrence of unanticipated events, except as required by law.

COMPETENT PERSON'S DECLARATION

In South Africa, Harmony employs an ore reserve manager at each of its operations who takes responsibility for the compilation and reporting of mineral resources and mineral reserves at their operations. In Papua New Guinea, competent persons are appointed for the mineral resources and mineral reserves for specific projects and operations.

The mineral resources and mineral reserves in this report are based on information compiled by the following competent persons:

Resources and reserves of South Africa:

Jaco Boshoff, BSc (Hons), MSc, MBA, Pr. Sci. Nat, MSAIMM, MGSSA, who has 21 years' relevant experience and is registered with the South African Council for Natural Scientific Professions (SACNASP) and a member of the South African Institute of Mining and Metallurgy (SAIMM).

Mr Boshoff is Harmony's Lead Competent Person.

Jaco Boshoff	
Physical address:	Postal address:
Randfontein Office park	P.O. Box 2
Corner of Main Reef Road and Ward Avenue	Randfontein
Randfontein	1760
South Africa	South Africa

Resources and reserves of Papua New Guinea:

Gregory Job, BSc, MSc, who has 28 years' relevant experience and is a member of the Australian Institute of Mining and Metallurgy (AusIMM).

Greg Job	
Physical address:	Postal address:
Level 2	PO Box 1562
189 Coronation Drive	Milton, Queensland
Milton, Queensland 4064	4064
Australia	Australia

Both these competent persons, who are full-time employees of Harmony Gold Mining Company Limited, consent to the inclusion in the report of the matters based on the information in the form and context in which it appears.

SHAREHOLDER INFORMATION

Issued ordinary share capital at 30 June 2016	437 299 479
Issued ordinary share capital at 31 December 2015	436 789 929
Issued ordinary share capital at 30 June 2015	436 187 133

MARKET CAPITALISATION

At 30 June 2016 (ZARm)	22 945
At 30 June 2016 (US\$m)	1 567
At 31 December 2015 (ZARm)	6 813
At 31 December 2015 (US\$m)	440
At 30 June 2015 (ZARm)	6 800
At 30 June 2015 (US\$m)	560

HARMONY ORDINARY SHARES AND ADR PRICES

12-month high (1 July 2015- 30 June 2016) for ordinary shares	62.89
12-month low (1 July 2015- 30 June 2016) for ordinary shares	7.92
12-month high (1 July 2015- 30 June 2016) for ADRs	4.17
12-month low (1 July 2015 - 30 June 2016) for ADRs	0.53

FREE FLOAT	100%
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ADR RATIO	1:1
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JSE LIMITED	HAR
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Range for six months (1 January - 30 June 2016 closing prices)	R15.60 - R62.89
Average daily volume for the six months (1 January - 30 June 2016)	2 934 226 shares
Range for previous six months (1 July - 31 December 2015 closing prices)	R7.92 - R19.89
Average daily volume for the previous six months (1 July - 31 December 2015)	1 968 724 shares
Range for year (1 July 2015 - 30 June 2016 closing prices)	R7.92 - R62.89
Average daily volume for the year (1 July 2015 - 30 June 2016)	2 441 859 shares
Range for the previous year (1 July 2014 - 30 June 2015 closing prices)	R15.32 - R38.50
Average daily volume for the previous year (1 July 2014 - 30 June 2015)	1 700 854 shares

NEW YORK STOCK EXCHANGE

including other US trading platforms	HMV
Range for six months (1 January - 30 June 2016 closing prices)	US\$1.06 - US\$4.17
Average daily volume for the six months (1 January - 30 June 2016)	5 306 179
Range for previous six months	US\$0.53 - US\$1.34
(1 July - 31 December 2015 closing prices)	
Average daily volume for the previous six months	2 778 343
(1 July - 31 December 2015)	
Range for year (1 July 2015 - 30 June 2016 closing prices)	US\$0.53 - US\$4.17
Average daily volume for the year (1 July 2015 - 30 June 2016)	4 027 274
Range for the previous year (1 July 2014 - 30 June 2015 closing prices)	US\$1.31 - US\$3.29
Average daily volume for the previous year (1 July 2014 - 30 June 2015)	2 989 247

INVESTORS' CALENDAR

Release of Harmony's Integrated Annual Report of FY16	26 October 2016
Annual General Meeting	25 November 2016

CONTACT DETAILS

Corporate Office
Randfontein Office Park
PO Box 2, Randfontein, 1760, South Africa
Corner Main Reef Road/Ward Avenue
Randfontein, 1759, South Africa
Tel: +27 11 411 2000
Website: www.harmony.co.za

Directors

P T Motsepe* Chairman
M Motloba** Deputy chairman
P W Steenkamp Chief executive officer
F Abbott Financial director
H E Mashego Executive director
F F T De Buck** Lead independent director
J A Chissano*^, K V Dicks**, Dr D S S Lushaba**,
C Markus**, M Msimang**, K T Nondumo**,
V P Pillay **, J L Wetton**, A J Wilkens*
* Non-executive
^ Independent
l Mozambican

Investor relations

Email: HarmonyIR@harmony.co.za
Marian van der Walt
Executive: Corporate and Investor Relations
Tel: +27 (0)11 411 2037
Mobile: +27 (0)82 888 1242
Email: marian@harmony.co.za

Company Secretary

Riana Bisschoff
Tel: +27 (0)11 411 6020
Mobile: +27 (0)83 629 4706
Email: riana.bisschoff@harmony.co.za

South African Share Transfer Secretaries

Link Market Services South Africa (Proprietary) Limited
(Registration number 2000/007239/07)
13th Floor, Rennie House
19 Ameshoff Street
Braamfontein, 2001
PO Box 4844, Johannesburg, 2000, South Africa
Tel: +27 86 154 6572
Fax: +27 86 674 2450
Email: meetfax@linkmarketservices.co.za

ADR(2) Depositary

Deutsche Bank Trust Company Americas
c/o American Stock Transfer and Trust Company
Peck Slip Station
PO Box 2050, New York, NY 10272-2050
Email queries: db@amstock.com
Toll Free: +1-800-937-5449
Intl: +1-718-921-8137
Fax: +1-718-921-8334
(2) ADR: American Depositary Receipts

Sponsor

J.P. Morgan Equities South Africa (Pty) Ltd
1 Fricker Road, corner Hurlingham Road
Illovo
Johannesburg, 2196
Private Bag X9936, Sandton, 2146, South Africa
Tel: +27 11 507 0300
Fax: +27 11 507 0503

Trading Symbols

JSE Limited: HAR
New York Stock Exchange, Inc: HMV
Berlin Stock Exchange: HAMI

Registration number
1950/038232/06
Incorporated in the Republic of South Africa

ISIN
ZAB000015228

MESSAGE FROM THE CHIEF EXECUTIVE OFFICER

Harmony is driven by excellence. We have a proactive approach to safety and health, with excellent operational and management teams, a world-class exploration team, we lead environmental rehabilitation in South Africa and we continued to differentiate ourselves through quality grade management, increasing underground grade for the fourth consecutive year - this year by 6% to 5.02g/t.

Our revenue increased by 19% on the back of a 21% increase in the R/kg gold price, combined with achieving our production guidance of approximately 1.1 million ounces. Net debt was reduced by 54% to R1.08 billion (61% to US\$74 million). Having turned around the previous year's headline loss to headline earnings of 221 SA cents (15 US\$ cents), we felt it prudent to declare a dividend of 50 SA cents (refer to dividend notice). Harmony remains well positioned to benefit from a strong R/kg gold price.

We continue to have a positive view on the strength of the gold price, with cash certainty being key in times of extreme market volatility. The gold hedge was a necessary short-term step to secure margins at some of our higher-cost operations and creates certainty for a portion of our future cash flows. It enables us to further reduce our debt and strengthen our balance sheet.

SAFETY

Sadly, in spite of recording an overall improvement in our safety performance for the year, we had ten fatalities - nine in South Africa (SA) and one in Papua NewGuinea (PNG), compared with nine fatalities in the previous year (eight in SA and one in PNG).

Year on year, our lost time and reportable injury frequency rates improved and are in line with the industry's milestone requirements. During the year - to further assist management in ensuring that safety standards are followed and regulations are adhered to, and to increase awareness regarding safe behaviour - we established a second-level safety assurance team, reporting to our central safety structure. Training and safety awareness campaigns continue at all of our operations.

YEAR-ON-YEAR OPERATIONAL RESULTS

Our total gold production for FY16 increased by 142kg (0.4%) to 33 655kg, compared to 33 513kg in FY15. Gold production in South Africa increased by 4% year on year, if the Target 3 operation (place on care and maintenance) in FY15 is excluded.

The following operations increased their gold production year on year:

- Phakisa, by 870kg (28%), as a result of milling 75 000t (12% more and increasing recovered grade by 14% to 5.81g/t (FY15: 5.10g/t);
- Tshepong, by 753kg (18%), as a result of a 10% (96 000t) rise in milled tonnes and a 7% improvement in recovered grade to 4.62g/t (FY15: 4.31g/t);
- Bambanani, by 105kg (4%), as a result of a 2% increase in recovered grade to 12.99g/t (FY15: 12.70g/t);
- Doornkop, by 67kg (3%), due to a 4% (27 000t) increase in tonnes milled and in spite of a 2% decrease in recovered grade to 4.33g/t;
- Joel, by 20kg, through an increase in recovered grade of 2% to 4.20g/t, while volume remained stable year on year;
- Unisel, by 9kg, a consequence of a 2% (7 000t) increase in tonnes milled, with volume and grade remaining stable;
- the dumps, by 203kg (24%), through improved tonnes milled (13%) and recovered grade (9%).

The following operations reported lower gold production for the year:

- Hidden Valley was down 686kg (23%), due to a 19% decrease in recovered grade to 1.31g/t (FY15: 1.61g/t) and a 5% decrease in tonnes. Some 33 production days were lost during the September 2015 quarter when operations were suspended due to a fatality in July 2015. The December 2015 quarter was affected by poor grade and road closures, which restricted mining activity.
- Target 1 was 437kg (11%) lower due to a 10% decrease in recovered grade to 4.58g/t (FY15: 5.11g/t). The operation was adversely affected by safety stoppages during the March 2016 quarter.
- Kalgold was down 95kg (8%), a result of recovered grade decreasing by 7% to 0.75g/t (FY15: 0.81g/t) and in spite of tonnes

- milled increasing by 1% (7 000t).
- Kusasalethu, 90kg (2%) lower, was negatively affected by a planned stoppage to upgrade its infrastructure. A 26% (240 000t) decrease in tonnes milled however was partially offset by a 33% increase in the recovered grade to 5.78g/t (FY15: 4.35g/t).
- Phoenix was down 63kg (7%) due to a 14% decrease in recovered grade to 0.12g/t (FY15: 0.14g/t), which was partially offset by a 4% (220 000t) increase in tonnes milled.
- Masimong was 31kg down due to having milled 20 000t (3%) less than in FY15.

Target 3 was placed on care and maintenance during FY15 and produced no gold in FY16.

YEAR-ON-YEAR FINANCIAL RESULTS

Higher gold production, together with a higher average Rand gold price received, delivered a 19% increase in revenue of R18.3 billion (decrease by 6% to US\$1.27 billion). The average Rand gold price increased by 21% to R544 984/kg (R449 570/kg in FY15), due to a 27% weakening of the Rand against the US dollar to US\$/R14.50 (offsetting the 4 % decrease in the average gold price received to US\$ 169/oz).

Production profit increased to R5.084 billion, up 81% from R2.802 billion in FY15 (increased by 43% to US\$350 million), after accounting for a 7% increase in cash operating costs (R821 million) (decrease of US\$171 million or 16%). Operating costs were higher due to increases in labour costs, electricity and contractor costs at our South African operations.

Overall, cost increases were lower than inflation, with all-in sustaining cost (AISC) for all operations increasing by only 3% to R467 526/kg, compared to R453 044/kg in FY15 (decreased by 19% to US\$1 003/oz compared to US\$1 231/oz in FY15).

Annual adjustments recorded include the net reversal of an impairment of R43 million (US\$3 million) (which consists of a reversal of impairment of R738 million (US\$50 million) on Doornkop, offset by an impairment of R466 million (US\$32 million) on Hidden Valley and R229 million (US\$16 million) on Masimong) and a rehabilitation provision change in estimate credit of R110 million (US\$7 million).

In FY16 a net profit of R949 million (US\$64 million) was recorded compared to a net loss of R4.5 billion (US\$374 million) in FY15 and consequently, headline earnings amounted to 221 SA cents per share (15 US cents per share) compared to a headline loss of 189 SA cents per share (16 US cents per share) for FY15.

HEDGING ACTIVITY

Currency hedging

Since February 2016, Harmony initiated and maintained a foreign exchange hedging programme. Hedging is in the form of zero cost collars, which establish a minimum (floor) and maximum (cap) Rand/US dollar exchange rate at which to convert US dollars to Rands. The nominal value of the hedging contracts as at 30 June 2016 was US\$500 million. The hedging contracts are spread over a 12 month period, and are summarised as follows:

	H1 FY17	H2 FY17
Sold call options		
Nominal	US\$250 million	US\$250 million
Average strike price	R18.57	R17.97
Lowest strike price	R17.93	R16.92
Highest strike price	R19.08	R19.08
Purchased put option		
Nominal	US\$250 million	US\$250 million
Average strike price	R15.56	R15.53
Lowest strike price	R15.40	R15.10
Highest strike price	R15.80	R16.10

Gold hedging

To create cash certainty, we entered into short-term gold forward sale contracts during July 2016 for 432 000oz over a period of 24 months, representing approximately 20% of our total production. The sharp increase in the R/kg gold price provided us with an opportunity to lock in 20% of our gold sales at a very attractive average rate of approximately R682 000/kg. The breakdown of gold forward sale contracts entered into post year end are as follows:

	H1	H2
FY17 Kgs	3 049	3 360
Average R/kg	R645 121	R666 888
FY18 Kgs	3 360	3 360
Average R/kg	R692 836	R720 374
FY19 Kgs	311	
Average R/kg	R725 499	

The limited size and duration of the hedge means shareholders retain full upside exposure on 80% of Harmony's gold production for the next two years, after which they will have 100% exposure to the gold price.

MINERAL RESOURCES AND RESERVES

Harmony owns significant gold ore deposits. Attributable gold equivalent mineral resources as declared at 30 June 2016, were 105.2Moz, a 4.6% decrease year on year. The total gold contained in the mineral resources at the South African operations represents 55.2% of the company's total, with the Papua New Guinea (PNG) operations representing 44.8% of Harmony's total gold and gold equivalent mineral resources.

Our attributable gold and gold equivalent mineral reserves

amounted to 36.9Moz of gold, a 13.3% decrease year on year. The gold reserve ounces in South Africa represent 45.4% while the PNG gold and gold equivalent ounces represent 54.6% of our total mineral reserves. See below for our resources and reserves statement.

GOLPU

The joint venture is pursuing a conventional process of applying for a special mining lease under the PNG Mining Act, targeted to be lodged in the first quarter of FY17.

EXPLORATION

Kili Teke

Worldwide, new greenfield copper-gold discoveries are scarce. Our exploration strategy in PNG remains to create long term value for shareholders by enhancing and developing our world-class portfolio of copper-gold assets, at industry leading discovery costs - less than \$US10 per equivalent gold ounce.

Kili Teke is a prolific complex with multiple mineralised intrusive events. The revised mineral resource estimate for Kili Teke comprises 222Mt at 0.35% copper, 0.25 g/t gold and 170 ppm molybdenum containing 782 000t copper, 1.75Moz of gold and 38 000t molybdenum. The updated resource has grown 50% to 6Moz on a gold equivalent basis(1) compared to the November 2015 model. Refer to the website (www.harmony.co.za) for a detailed annexure related to the Kili Teke resource update.

(1)Gold equivalent based on US\$1 150 per ounce gold, and US\$3 per pound of copper and assumes 100% recovery of all metals.

South Africa

Exploration drilling is planned at Tshepong, Phakisa, Doornkop, Target 1 and Kalgold.

NEW DRAFT MINING CHARTER

A new draft of the broad-based socio-economic empowerment charter for the South African mining industry (Mining Charter) was published by the Minister of Mineral Resources on 15 April 2016. We are actively participating in the discussions on the provisions of the new charter to ensure that the interests of all our stakeholders are protected.

STAKEHOLDER RELATIONS

Stronger margins helped us to continue to meet our social and environmental commitments, substantiating our holistic approach to mining in the interests of all of our stakeholders and our status as a responsible miner. Harmony has - and continues to - make a difference:

- to shareholders - creating value by operating profitably and growing our margins
- to our employees - ensuring that they are safe and healthy
- to communities - participating in local economic development, limiting and mitigating our impact on the environment
- to government - contributing to the national fiscus

By conducting our business efficiently, profitably and sustainably, Harmony creates shared value for all stakeholders, enabling it to contribute to improved education, build infrastructure, provide healthcare, stimulate local economies and rehabilitate the environment.

OBJECTIVE FOR THE NEXT THREE YEARS

Maintaining and growing our margins efficiently are essential to sustaining our business and meeting our strategic objectives.

Harmony has shown that it can successfully operate as a gold miner and explorer in both South Africa and PNG. The board has supported a three-year strategy in which we plan to grow Harmony's production to approximately 1.5Moz, producing gold at an all-in sustaining cost of \$950/oz, through:

- growing, nurturing and developing our core assets
- harvesting operations that are high cost and have a short life
- developing Golpu Stage 1
- expanding in South Africa, into Africa and PNG
- assessing organic growth opportunities

In the next year, we plan to produce approximately 1 050 000 ounces at about \$1 100/oz (-R495 000/kg at an exchange rate of R14.00). Through operational excellence, adhering to our company values, applying mining discipline, further increasing our productivity, creating an enabling environment and grade cut-off, we believe that the guidance is realistic and achievable. We will not mine areas that are unsafe or at grades lower than planned.

Our management teams are geared to deliver. On executive level,

I am well supported by an experienced, competent team and on operational level, my two chief operating officers will ensure safe, profitable production. I have no doubt that Harmony's current momentum will be upheld.

Harmony has a strong investment case, being one of the few gold mining companies increasing its underground grade, with one of the lowest debt:ebitda ratios in the gold mining industry making a real and lasting difference in the communities adjacent to our mines and growing our gold-copper ounces at industry leading discovery costs.

Peter Steenkamp

Chief Executive Officer

NOTICE OF CASH DIVIDEND

Declaration of ordinary dividend no.86

The board has approved and declared a final dividend of 50 SA cents per ordinary share in respect of the year ended 30 June 2016.

In accordance with paragraphs 11.17(a)(i) to (x) and 11.17(c) of the JSE Listings Requirements the following additional information is disclosed:

- The dividend has been declared out of income reserves;
- The local Dividends Tax rate is 15% (fifteen per centum);
- The gross local dividend amount is 50 SA cents per ordinary share for shareholders exempt from the Dividends Tax;
- The net local dividend amount is 42.5 SA cents per ordinary share for shareholders liable to pay the Dividends Tax;
- Harmony currently has 437 299 479 ordinary shares in issue (which includes 572 296 treasury shares); and
- Harmony Gold Mining Company Limited's income tax reference number is 9240/012/60/0.

A dividend No. 86 of 50 SA cents per ordinary share, being the dividend for the year ended 30 June 2016, has been declared payable on Monday, 19 September 2016 to those shareholders recorded in the books of the company at the close of business on Friday, 16 September 2016. The dividend is declared in the currency of the Republic of South Africa. Any change in address or dividend instruction to apply to this dividend must be received by the company's transfer secretaries or registrar not later than Friday, 16 September 2016.

Last date to trade ordinary shares cum dividend is Tuesday, 13 September 2016

Ordinary shares trade ex-dividend Wednesday, 14 September 2016

Record date Friday, 16 September 2016

Payment date Monday, 19 September 2016

No dematerialisation or rematerialisation of share certificates may occur between Wednesday, 14 September 2016 and Friday, 16 September 2016, both dates inclusive, nor may any transfers between registers take place during this period.

SUMMARY UPDATE OF HARMONY'S MINERAL RESOURCES AND MINERAL RESERVES AS AT 30 JUNE 2016

Harmony's statement of mineral resources and mineral reserves as at 30 June 2016 is produced in accordance with the South African Code for the Reporting of Mineral Resources and Mineral Reserves (SAMREC) and the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC). It should be noted that the mineral resources are reported inclusive of the mineral reserves.

This report provides a summary of the update, while the detailed statement of the mineral resources and mineral reserves will be published in the Integrated Report on 26 October 2016, which will be available at www.harmony.co.za/investors. Refer to the website (www.harmony.co.za) for the updated reserves and resources tables as at 30 June 2016.

Harmony uses certain terms in the summary such as 'measured', 'indicated' and 'inferred' resources, which the United States' Securities and Exchange Commission guidelines strictly prohibit companies registered in the United States from including in their filings with the commission. United States investors are urged to consider the disclosure in this regard in our Form 20-F which will be available on our website at www.harmony.co.za/investors/reporting/20f on 26 October 2016.

Introduction

Gold mining and gold production are central to Harmony's existence.

Maintaining and growing our margins efficiently are essential to sustaining our business and meeting our strategic objectives. This includes delivering safely on our operational plans, reducing costs, improving productivity and maximising revenue.

We are devoted to improving the company's operational performance. Our values are entrenched in everything we do - safety, accountability, achievement, being connected and honest - and they inform our decisions and our actions. Realistic planning supports our strategy to optimise assets - our ore bodies, our infrastructure and our people. This will ensure safer, more profitable production. Our life of mine plans for financial year 2017 were done in line with this approach.

Harmony - Total

The company's attributable gold and gold equivalent mineral resources are declared as 105.2Moz as at 30 June 2016, a 4.6% decrease year on year from the 110.3Moz declared as at 30 June 2015. The total gold contained in the mineral resources at the South African operations represents 55.2% of the company total, with the Papua New Guinea (PNG) operations representing 44.8% of Harmony's total gold and gold equivalent mineral resources as at 30 June 2016.

Harmony's attributable gold and gold equivalent mineral reserves amounts to 36.9Moz, a 13.3% decrease from the 42.6Moz declared at 30 June 2015. The gold reserve ounces in South Africa represent 45.4% while the PNG gold and gold equivalent ounces represent 54.6% of Harmony's total mineral reserves as at 30 June 2016.

SOUTH AFRICA

South African underground operations

The company's mineral resources at the South African underground operations as at 30 June 2016 are 48.6Moz (162.1Mt at 9.32g/t), a decrease of 19.9% year on year from the 60.6Moz (217.2Mt at 8.68g/t) declared as at 30 June 2015. This decrease is mainly due to depletion and reduced resources at Unisel and Masimong. There was also a reduction at Doornkop due to the low grade South Reef to the east of the mine that has been removed from the declaration.

The company's mineral reserves at the South African underground operations as at 30 June 2016 are 9.7Moz (54.1Mt at 5.55g/t), a decrease of 35.7% year on year from the 15.0Moz (80.3Mt at 5.82g/t) declared as at 30 June 2015. The decrease is due to normal depletion and the revised Kusasaletu life of mine plan. The shorter life of mine plan at Kusasaletu optimises the mine's cash flow at a higher grade and creates a much stronger margin, providing us with the option to consider the feasibility to access the high grade VCR payshoot below infrastructure in the future.

South African surface operations, including Kalgold

The company's mineral resources at the South African surface operations as at 30 June 2016 are 9.5Moz (1 085.2Mt at 0.27g/t) which is materially the same as at the 30 June 2015 (1 082.3Mt at 0.27g/t). The company's mineral reserves at the South African surface operations as at 30 June 2016 are 7.1Moz (840.3Mt at 0.26g/t), in line with the 7.1Moz (835.9Mt at 0.26g/t) declared at 30 June 2015.

PAPUA NEW GUINEA (PNG)

Papua New Guinea operations

The company's attributable gold and gold equivalent mineral resources at the PNG operations as at 30 June 2016 are 47.1Moz, an increase of 17.1% year on year from the 40.2Moz declared as at 30 June 2015. This increase is due to resources declared at Kili Teke and increases due to gold equivalent ratios that changed due to new long term commodity prices used.

The company's gold and gold equivalent mineral reserves at the PNG operations as at 30 June 2016 are 20.2Moz, a decrease of 1.8% year on year from the 20.5Moz declared as at 30 June 2015.

ASSUMPTIONS

- In converting the mineral resources to mineral reserves, the following commodity prices and exchange rates were applied:
- A gold price of US\$1 150/oz
- An exchange rate of R/US\$12.85
- The above parameters resulted in a rand gold price of R475 000/kg for the South African assets.
- The Hidden Valley mine and Golpu project in the Morobe Mining Joint Venture used commodity prices of US\$ 1 150/oz Au, US\$15.00/oz Ag, US\$5.00/lb Mo and US\$3.00/lb Cu at an exchange rate of US\$0.80 per A\$.
- Gold equivalent ounces are calculated assuming US\$1 150/oz Au, US\$3.00/lb Cu and US\$15.00/oz Ag, and assuming a 100% recovery for all metals.

Harmony's South African mineral resources and reserves at Tshepong, Phakisa, Kalgold and the group statement were independently reviewed by The Mineral Corporation for compliance to SAMREC. The mineral resources of the Hidden Valley operation were independently reviewed by SRK Consulting Engineers and Scientists and Golpu was independently reviewed by AMC Consultants Pty Ltd for compliance with the standards set out in JORC.

Note: Au= gold; Cu = copper; Ag = Silver, Mo = Molybdenum, Moz= million ounces

Mineral Resources: gold and gold equivalents	Measured		Indicated		Inferred		Total	
	Tonnes (Mt)	g/t	Gold '000oz (Mt)	Tonnes (Mt)	g/t	Gold '000oz (Mt)	Tonnes (Mt)	g/t
SA underground	55.3	9.83	17 475	61.1	9.08	17 846	45.7	9.03
SA surface incl Kalgold	346.2	0.28	3 146	664.0	0.25	5 266	75.0	0.44
Total South Africa	401.5		20 621	725.2		23 111	120.6	
Hidden Valley*	1.3	1.09	47	36.4	1.62	1 898	1.1	1.28
Wafi-Golpu system*	-	-	-	400.7	0.86	11 051	99.1	0.74
Kili Teke	-	-	-	-	-	-	221.5	0.25
Total Papua New Guinea	1.3		47	437.2		12 949	321.8	
Total gold Resources	402.8		20 668	1 162.4		36 060	442.4	
Hidden Valley - gold equivalent ounces*	1.3		11	35.0		450	1.0	
Wafi-Golpu - gold equivalent ounces*	-		-	344.0		21 469	87.8	
Kili Teke	-		-	-		-	221.5	
Total gold equivalent Resources*	1.3		11	379.0		21 919	310.3	
Total Harmony gold and gold equivalent Resource**	402.8		20 679	1162.4		57 979	442.4	

Mineral Resources: silver and copper (used in equivalent calculations)	Measured		Indicated		Inferred		Total	
	Tonnes (Mt)	g/t	Silver '000oz (Mt)	Tonnes (Mt)	g/t	Silver '000oz (Mt)	Tonnes (Mt)	g/t
Hidden Valley	1.3	21.52	882	35.0	30.72	34 526	1.0	31.69

Golpu	Measured		Indicated		Inferred		Total	
	Tonnes (Mt)	%	Copper 'Mlb (Mt)	Tonnes (Mt)	%	Copper 'Mlb (Mt)	Tonnes (Mt)	%
Golpu	-	-	-	344.0	1.09	8 232	67.9	0.85
Nambonga	-	-	-	-	-	-	19.9	0.21
Kili Teke	-	-	-	-	-	-	221.5	0.35
Total	-	-	-	344.0	1.09	8 232	309.3	0.45

Mineral Reserves: gold and gold equivalents	Proved		Probable		Total	
	Tonnes (Mt)	g/t	Gold '000oz (Mt)	Tonnes (Mt)	g/t	Gold '000oz (Mt)
SA Underground	37.6	5.81	7 008	16.6	4.96	2 645
SA Surface including Kalgold	261.0	0.28	2 384	579.4	0.25	4 720
Total South Africa	298.5		9 393	596.0		7 365
Hidden Valley*	1.3	1.09	47	12.5	1.67	671
Golpu system*	-	-	-	189.6	0.91	5 522
Total Papua New Guinea	1.3		47	202.0		6 193
Total gold Reserves	299.9		9 440	798.0		13 558
Hidden Valley - gold equivalent ounces*	1.3		12	11.5		167
Golpu - gold equivalent ounces*	-		-	189.6		13 741
Total gold equivalent Reserves*	1.3		12	201.0		13 908
Total Harmony gold and gold equivalent Reserves**	299.9		9 451	798.0		27 465

Mineral Reserves: silver and copper (used in equivalent calculations)	Proved		Probable		Total	
	Tonnes (Mt)	g/t	Silver '000oz (Mt)	Tonnes (Mt)	g/t	Silver '000oz (Mt)
Hidden Valley	1.3	21.52	882	11.5	34.69	12 789

Golpu	Proved		Probable		Total	
	Tonnes (Mt)	%	Copper 'Mlb (Mt)	Tonnes (Mt)	%	Copper 'Mlb (Mt)
Golpu	-	-	-	189.6	1.26	5 269

* Represents Harmony's equity portion of 50%.

** In instances where individual deposits may contain multiple valuable commodities with a reasonable expectation of being recovered (for example gold and copper in a single deposit) Harmony computes a gold equivalent to more easily assess the value of the deposit against gold-only mines. Harmony does this by calculating the value of each of the deposits commodities, then dividing the product by the price of gold. For example, the gold equivalent ounces for the copper portion of a deposit would be calculated as follows: (copper pounds x copper price per pound)/gold price per ounce. All gold equivalent calculations are done using metal prices and parameters as stipulated above.

ADMINISTRATIVE INFORMATION FOR PROFESSIONAL ORGANISATIONS

SACNASP - The legislated regulatory body for natural science practitioners in South Africa
Private Bag X540, Silverton, 0127, Gauteng Province, South Africa
Telephone: +27 (12) 841-1075; Facsimile: +27 (86) 206 0427
<http://www.sacnasp.org.za/>

SAIMM - The Southern African Institute of Mining and Metallurgy
P.O. Box 61127, Marshalltown, 2107
Gauteng Province, South Africa
Telephone: +27 (011) 834-1273/7;
Facsimile: +27 (011) 838-5923/8156
<http://www.saimm.co.za/>

AusIMM - The Australasian Institute of Mining and Metallurgy
PO Box 660, Carlton South, Vic 3053, Australia

Legal entitlement to the minerals being reported upon
Harmony's South African operations operate under new order
mining rights in terms of the Minerals and Petroleum Resources
Development of Act of 2002 (Act No. 28, of 2002) (MPRDA). In
PNG Harmony operates under the Independent State of Papua
New Guinea Mining Act 1992. All required operating permits have
been obtained, and are in good standing. The legal tenure of each
operation and project has been verified to the satisfaction of the
accountable Competent Person.

OPERATING RESULTS - six monthly (RAND/METRIC) (US\$/IMPERIAL)

		Underground production										South Africa					Surface production					Total		
		Six months ending										Total										Total		
		Kusasaletu	Doornkop	Phakisa	Tshepong	Masimong	Target 1	Bambanani	Joel	Unisel	Underground	Phoenix	Dumps	Kalgold	Surface	Africa	Valley	Harmony	Africa	Valley	Harmony			
Ore milled	- t'000	Dec-15	286	316	330	535	301	359	359	106	264	202	2 699	3 161	1 612	745	5 518	8 217	994	9 211				
		Jun-16	382	314	356	553	349	380	126	278	222	2 960	3 304	1 429	734	5 467	8 427	735	9 162					
Gold produced	- kg	Dec-15	1 874	1 356	1 962	2 506	1 098	1 299	1 217	1 086	765	13 163	385	518	532	1 435	14 598	1 376	15 974					
		Jun-16	1 989	1 374	2 026	2 525	1 334	2 088	1 192	1 922	939	15 263	419	547	571	1 537	16 800	881	17 681					
	- oz	Dec-15	60 250	43 597	63 080	80 570	35 301	41 764	39 127	34 916	24 595	423 200	12 378	16 654	17 104	46 136	469 336	44 240	513 576					
		Jun-16	63 948	44 175	65 137	81 181	42 889	67 131	57 743	38 323	30 190	490 717	13 471	17 587	18 359	49 417	540 134	28 325	568 459					
Yield	- g/tonne	Dec-15	6.55	4.29	5.95	4.68	3.65	3.62	11.48	4.11	3.79	4.88	0.12	0.32	0.71	0.26	1.78	1.38	1.73					
		Jun-16	5.21	4.38	5.69	4.57	3.82	5.49	14.25	4.29	4.23	5.16	0.13	0.38	0.78	0.28	1.99	1.20	1.93					
Cash operating costs	- R/kg	Dec-15	493 474	393 324	359 707	378 718	472 507	474 139	330 966	391 795	499 125	414 629	344 577	434 317	518 949	460 397	419 128	357 227	413 796					
		Jun-16	463 958	381 921	331 657	354 907	389 369	300 044	225 845	225 845	352 208	396 112	351 108	418 002	369 514	476 532	412 949	356 765	669 695					
	- \$/oz	Dec-15	997	795	727	765	955	958	669	792	1 008	838	838	878	1 048	930	847	722	836					
		Jun-16	1 060	872	758	811	889	685	516	804	905	802	875	844	1 088	943	815	1 530	851					
Cash operating costs	- R/tonne	Dec-15	2 233	1 688	2 139	1 774	1 724	1 716	3 800	1 612	1 890	2 022	50	140	371	120	745	495	718					
		Jun-16	2 416	1 671	1 887	1 621	1 488	1 649	3 219	1 510	1 675	1 810	49	141	371	116	711	803	719					
Gold sold	- Kg	Dec-15	1 806	1 314	1 955	2 496	1 095	1 323	1 212	1 008	761	12 970	379	507	550	1 436	14 406	1 494	15 900					
		Jun-16	2 016	1 398	2 036	2 533	1 337	2 096	1 803	1 237	944	15 400	409	551	536	1 496	16 896	846	17 742					
	- oz	Dec-15	58 064	42 247	62 855	80 248	35 205	42 535	38 967	32 408	24 467	416 996	12 185	16 300	17 683	46 168	463 164	48 034	511 198					
		Jun-16	64 816	44 946	65 459	81 437	42 986	67 388	57 967	39 771	30 350	495 120	13 150	17 715	17 233	48 098	543 218	27 199	570 417					
Revenue	(R'000)	Dec-15	1 094 106	793 872	1 184 626	1 513 124	662 784	800 723	733 943	610 307	461 552	7 855 037	228 671	305 487	331 996	866 154	8 721 191	905 875	9 627 066					
		Jun-16	983 659	686 256	1 001 761	1 242 604	654 888	1 032 532	883 332	609 720	463 388	7 558 140	200 308	271 119	263 210	734 637	8 292 777	414 521	8 707 298					
Cash operating costs	(R'000)	Dec-15	924 771	533 348	705 746	949 067	518 813	615 907	402 786	425 489	381 831	5 457 758	159 612	224 976	276 081	660 669	6 118 427	491 544	6 609 971					
		Jun-16	922 812	524 760	671 938	896 140	519 418	626 491	405 617	419 832	371 949	5 358 957	160 478	202 124	272 100	634 702	5 993 659	590 001	6 583 660					
Inventory	(R'000)	Dec-15	(43 481)	(25 720)	(4 988)	(7 011)	(2 906)	632	(977)	(33 734)	(1 383)	(119 568)	(4 371)	(10 171)	7 888	(6 654)	(126 222)	51 051	(75 171)					
Movement	(R'000)	Dec-15	12 174	14 318	2 469	5 886	2 614	6 938	3 877	19 605	1 493	69 374	(3 466)	1 575	(16 025)	(17 916)	51 458	79 522	130 980					
operating costs	(R'000)	Dec-15	881 290	507 628	700 758	942 056	515 907	616 539	401 809	391 755	380 448	5 338 190	155 241	214 805	283 969	654 015	5 992 205	542 595	6 534 800					
		Jun-16	934 986	539 078	674 407	902 026	522 032	633 429	409 494	439 437	373 442	5 428 331	157 012	203 699	256 075	616 786	6 045 117	669 523	6 714 640					
Production profit	(R'000)	Dec-15	212 816	286 244	483 868	571 068	146 877	184 184	332 134	218 552	81 104	2 516 847	73 430	90 682	48 027	212 139	2 728 986	363 280	3 092 266					
		Jun-16	48 673	147 178	327 354	340 578	132 856	399 103	473 838	170 283	89 946	2 129 809	43 296	67 420	7 135	117 851	2 247 660	(255 002)	1 992 658					
Production profit	(\$'000)	Dec-15	13 824	18 594	31 432	37 095	9 541	11 964	21 574	14 197	5 268	163 489	4 770	5 891	3 121	13 782	177 271	23 598	200 869					
		Jun-16	3 575	10 808	24 040	25 011	9 756	29 309	34 796	12 505	6 604	156 404	3 180	4 951	524	8 655	165 059	(18 726)	146 333					
Capital expenditure	(R'000)	Dec-15	196 209	115 874	162 445	167 480	57 328	160 994	52 850	103 098	32 263	1 048 541	4 736	14 402	17 966	37 104	1 085 645	38 465	1 124 110					
		Jun-16	163 303	91 752	160 618	139 378	52 961	161 344	53 306	111 909	29 802	964 374	5 576	3 197	18 028	21 801	986 175	40 339	1 026 544					
		Dec-15	12 745	7 527	10 552	10 879	3 724	10 458	3 433	6 697	2 096	68 111	308	936	1 167	2 411	70 522	2 499	73 021					
		Jun-16	11 992	6 738	11 795	10 235	3 889	11 848	3 915	8 218	2 189	70 819	42	235	1 324	1 601	72 420	2 965	75 385					
Cash Operating Cost and Capital	- R/kg	Dec-15	598 175	478 777	442 503	445 549	524 719	598 076	374 393	486 728	541 299	494 287	426 878	462 120	552 720	486 253	493 497	385 181	484 167					
		Jun-16	546 061	448 699	410 936	410 106	429 070	377 316	255 525	446 091	427 850	414 291	384 377	375 358	508 105	427 133	415 466	715 516	430 417					
	- \$/oz	Dec-15	1 209	967	894	900	1 060	1 208	756	983	1 094	999	862	934	1 117	982	997	778	978					
		Jun-16	1 247	1 025	939	937	980	862	584	1 019	977	946	878	857	1 161	976	949	1 634	983					
All-in sustaining* costs	- R/kg	Dec-15	614 069	486 741	453 534	456 159	546 615	604 176	375 987	445 332	561 454	501 430	422 997	461 111	565 351	490 977	499 393	429 121	492 792					
		Jun-16	558 006	461 175	420 099	420 902	450 047	388 367	256 670	407 736	443 413	421 597	386 218	386 406	528 067	437 110	422 371	894 524	444 884					
		Dec-15	1 241	983	916	922	1 104	1 221	760	900	1 134	1 013	855	932	1 142	992	1 009	867	996					
	- \$/oz	Dec-15	1 275	1 053	960	961	1 028	887	586	931	1 013	963	882	883	1 206	998	965	2 043	1 016					

*Excludes share-based payment charge

OPERATING RESULTS - YEAR ON YEAR (RAND/METRIC) (US\$/IMPERIAL)

		Underground production										South Africa					Surface production					Total		
		Year ended										Total										Total		
		Kusasaletu	Doornkop	Phakisa	Tshepong	Masimong	Target 1	Bambanani	Joel	Unisel	Target 3	Underground	Phoenix	Dumps	Kalgold	Surface	Africa	Valley	Harmony	Africa	Valley	Harmony		
Ore milled	- t'000	Jun-16	668	630	686	1 088	650	739	232	542	424	-	5 659	6 465	3 041	1 479	10 985	16 644	1 729	18 373				
		Jun-15	908	631	670	1 092	670	749	551	417	90	90	5 820	6 245	2 701	1 472	10 418	16 238	1 825	18 063				
Gold produced	- kg	Jun-16	3 863	2 730	3 988	5 031	2 432	3 387	3 013	2 278	1 704	-	28 426	804	1 065	2 972	31 398	2 257	33 655					
		Jun-15	3 953	2 663	3 118	4 278	2 463	3 824	2 908	2 258	1 695	483	27 643	867	862	1 198	2 927	30 570	2 943	33 513				
	- oz	Jun-16	124 198	87 772	128 217	161 751	78 190	108 895	96 870	73 239	54 785	-	913 917	25 849	34 241	35 463	95 553	1 009 470	72 565	1 082 035				
		Jun-15	127 092	85 618	100 246	137 540	79 187	122 944	93 495	72 596	54 495	15 529	888 742	27 875	27 713	38 517	94 105	982 847	94 619	1 077 466				
Yield	- g/tonne	Jun-16	4.35	4.42	5.10	4.62	3.74	4.58	12.99	4.20	4.02	-</												

Inventory movement	(R'000)	Jun-16	(31 307)	(11 402)	(2 519)	(1 125)	(292)	7 570	2 900	(14 129)	110	-	(50 194)	(7 837)	(8 596)	(8 137)	(24 570)	(74 764)	130 573	55 809
		Jun-15	129 449	21 487	15 055	23 589	12 776	12 463	8 156	14 955	7 904	6 917	252 751	4 947	871	10 839	16 657	269 408	(9 898)	259 510
		Jun-16	1 816 276	1 046 706	1 375 165	1 844 082	1 037 939	1 249 968	811 303	831 192	753 890	-	10 766 521	312 253	418 504	540 044	1 270 801	12 037 322	1 212 118	13 249 440
Operating costs	(R'000)	Jun-15	1 995 707	1 092 187	1 180 799	1 611 366	991 523	1 190 852	704 772	769 506	681 861	177 173	10 395 746	299 637	330 982	463 140	1 093 759	11 489 505	1 143 094	12 632 599
		Jun-16	261 489	433 422	811 222	911 646	279 733	583 287	805 972	388 835	171 050	-	4 646 656	116 726	158 102	55 162	329 990	4 976 646	108 278	5 084 924
Production profit	(R'000)	Jun-15	(56 853)	127 376	239 304	336 864	126 605	547 113	624 913	276 725	88 314	45 321	2 355 682	96 761	58 181	88 183	243 125	2 598 807	203 216	2 802 023
		Jun-16	18 035	29 893	55 950	62 876	19 293	40 229	55 588	26 817	11 797	-	320 478	8 051	10 904	3 804	22 759	343 237	7 467	350 704
	(\$'000)	Jun-15	(4 966)	11 127	20 905	29 427	11 060	47 794	54 591	24 174	7 715	3 959	205 786	8 453	5 083	7 703	21 239	227 025	17 752	244 777
		Jun-16	359 512	207 627	323 063	306 858	110 289	322 338	106 156	215 007	62 065	-	2 012 915	5 312	17 599	35 994	58 905	2 071 820	78 834	2 150 654
Capital expenditure	(R'000)	Jun-15	462 863	245 144	403 495	313 317	165 670	295 504	109 910	182 239	99 428	20 437	2 298 007	3 641	5 979	40 898	50 518	2 348 525	121 121	2 469 646
		Jun-16	24 795	14 320	22 282	21 164	7 607	22 232	7 322	14 829	4 261	-	138 832	366	1 214	2 482	4 062	142 894	5 437	148 331
	(\$'000)	Jun-15	40 434	21 415	35 248	27 370	14 472	25 814	9 601	15 920	8 686	1 785	200 745	318	522	3 573	4 413	205 158	10 581	215 739
		Jun-16	571 342	463 639	426 466	427 761	472 253	461 983	303 538	465 464	478 782	-	451 334	404 729	417 558	529 624	455 678	451 746	514 125	455 929
Cash Operating	- R/kg	Jun-15	589 203	494 121	503 284	444 388	464 644	385 432	277 347	414 876	456 274	394 810	450 060	344 096	389 896	411 685	385 248	443 854	432 930	442 895
Cost and Capital	- \$/oz	Jun-16	1 226	995	915	918	1 013	991	651	999	1 027	-	968	896	896	1 136	978	969	1 103	978
		Jun-15	1 601	1 343	1 367	1 207	1 262	1 047	754	1 127	1 240	1 073	1 223	935	1 059	1 119	1 047	1 206	1 176	1 203
		Jun-16	584 498	473 562	436 477	438 401	493 527	471 876	304 634	424 617	496 099	-	458 094	403 907	422 205	546 949	463 492	457 819	597 398	467 526
All-in sustaining* costs	- R/kg	Jun-15	587 406	501 151	495 644	454 512	479 096	395 669	270 623	384 022	469 246	403 249	452 900	344 319	403 906	422 323	393 875	447 135	514 690	453 044
		Jun-16	1 254	1 016	936	940	1 059	1 012	654	911	1 064	-	983	866	906	1 173	994	982	1 282	1 003
	-\$/oz	Jun-15	1 596	1 362	1 347	1 235	1 302	1 075	735	1 043	1 275	1 096	1 231	936	1 097	1 148	1 070	1 215	1 395	1 231
* Excludes share-based payment charge																				

DEVELOPMENT RESULTS

6 month average
January 2016 - June 2016

METRIC

METRIC					IMPERIAL						
	Reef Sampled		Width (Cm's)	Channel Value (g/t)	Gold (Cmg/t)		Reef Sampled		Width (Inch)	Channel Value (oz/t)	Gold (In.oz/t)
	Meters	Meters					Feet	Feet			
Tshepong						Tshepong					
Basal	472	344	9.41	149.00	1 402	Basal	1 548	1 129	4.00	4.03	16
B Reef	529	544	155.12	13.21	2049	B Reef	1 736	1 785	61.00	0.39	24
All Reefs	1 001	888	98.67	18.23	1 799	All Reefs	3 284	2 913	39.00	0.53	21
Phakisa						Phakisa					
Basal	822	844	58.92	21.30	1 255	Basal	2 696	2 769	23.00	0.63	14
All Reefs	822	844	58.92	21.30	1 255	All Reefs	2 696	2 769	23.00	0.63	14
Bambabani						Bambabani					
Basal	62	56	197.50	10.09	1 993	Basal	203	184	78.00	0.29	23
All Reefs	62	56	197.50	10.09	1 993	All Reefs	203	184	78.00	0.29	23
Doornkop						Doornkop					
Main Reef		39	46.00	4.93	227	Main Reef		128	18.00	0.15	3
South Reef	625	585	62.98	15.32	965	South Reef	2 049	1 919	25.00	0.44	11
All Reefs	625	624	61.92	14.83	918	All Reefs	2 049	2 047	24.00	0.44	11
Kusasaletu						Kusasaletu					
VCR Reef	575	448	109.13	9.30	1 015	VCR Reef	1 887	1 470	43.00	0.27	12
All Reefs	575	448	109.13	9.30	1 015	All Reefs	1 887	1 470	43.00	0.27	12
Target 1						Target 1					
Elsburg	83	90	260.90	1.73	451	Elsburg	271	295	103.00	0.05	5
All Reefs	83	90	260.90	1.73	451	All Reefs	271	295	103.00	0.05	5
Masimong 5						Masimong 5					
Basal	447	317	75.97	16.37	1 243	Basal	1 465	1 040	30.00	0.48	14
B Reef	320	374	74.62	22.68	1 692	B Reef	1 049	1 227	29.00	0.67	19
All Reefs	766	691	75.24	19.76	1 486	All Reefs	2 514	2 267	30.00	0.57	17
Unisel						Unisel					
Basal	251	190	136.35	13.95	1 903	Basal	823	623	54.00	0.40	22
Leader	709	588	217.64	4.82	1 050	Leader	2 325	1 929	86.00	0.14	12
All Reefs	960	778	197.79	6.36	1 258	All Reefs	3 149	2 552	78.00	0.19	14
Joel						Joel					
Beatrix	1 194	1 107	122.16	7.69	940	Beatrix	3 918	3 632	48.00	0.22	11
All Reefs	1 194	1 107	122.16	7.69	940	All Reefs	3 918	3 632	48.00	0.22	11
Total Harmony						Total Harmony					
Basal	2 053	1 751	65.12	21.13	1 376	Basal	6 736	5 745	26.00	0.61	16
Beatrix	1 194	1 107	122.16	7.69	940	Beatrix	3 918	3 632	48.00	0.22	11
Leader	709	588	217.64	4.82	1 050	Leader	2 325	1 929	86.00	0.14	12
B Reef	849	918	122.32	15.56	1 904	B Reef	2 785	3 012	48.00	0.46	22
Elsburg	83	90	260.90	1.73	451	Elsburg	271	295	103.00	0.05	5
South Reef	625	585	62.98	15.32	965	South Reef	2 049	1 919	25.00	0.44	11
VCR	575	448	109.13	9.30	1 015	VCR	1 887	1 470	43.00	0.27	12
Main Reef		39	46.00	4.93	227	Main Reef		128	18.00	0.15	3
All Reefs	6 087	5 526	108.67	11.46	1 246	All Reefs	19 970	18 130	43.00	0.33	14

CONDENSED CONSOLIDATED INCOME STATEMENTS (RAND)

Figures in million	Note	Six months ended			Year ended		
		30 June 2016 (Unaudited)	31 December 2015 (Unaudited)	30 June 2015 (Unaudited)	30 June 2016 (Reviewed)	30 June 2015 (Audited)	
Revenue		9 627	8 707	7 288	18 334	15 435	
Cost of sales	2	(7 780)	(8 006)	(10 760)	(15 786)	(19 053)	
Production costs		(6 535)	(6 715)	(6 018)	(13 250)	(12 632)	
Amortisation and depreciation		(1 084)	(1 086)	(1 220)	(2 170)	(2 472)	
Reversal of impairment/(impairment) of assets		43	-	(3 471)	43	(3 471)	
Other items		(204)	(205)	(51)	(409)	(478)	
Gross profit/(loss)		1 847	701	(3 472)	2 548	(3 618)	
Corporate, administration and other expenditure		(227)	(182)	(185)	(409)	(378)	
Social investment expenditure		(33)	(25)	(32)	(58)	(71)	
Exploration expenditure		(88)	(103)	(83)	(191)	(263)	
Loss on scrapping of property, plant and equipment	6	(64)	-	(61)	(64)	(491)	
Foreign exchange translation gain/(loss)	3	606	(798)	(125)	(192)	(367)	
Other expenses (net)		(31)	(11)	(9)	(42)	(5)	

Operating profit/(loss)		2 010	(418)	(3 967)	1 592	(5 193)
Profit/(loss) from associates	7	(28)	35	(25)	7	(25)
Profit on disposal of investments		-	-	4	-	4
Net gain/(loss) on financial instruments		28	(13)	(8)	15	9
Investment income		127	114	118	241	229
Finance cost		(133)	(141)	(132)	(274)	(264)
Profit/(loss) before taxation		2 004	(423)	(4 010)	1 581	(5 240)
Taxation	4	(610)	(22)	595	(632)	704
Normal taxation		(122)	(1)	7	(123)	5
Deferred taxation		(488)	(21)	588	(509)	699
Net profit/(loss) for the period		1 394	(445)	(3 415)	949	(4 536)
Attributable to:						
Owners of the parent		1 394	(445)	(3 415)	949	(4 536)
Earnings/(loss) per ordinary share (cents)	5					
Basic earnings/(loss)		320	(102)	(786)	218	(1 044)
Diluted earnings/(loss)		306	(102)	(786)	213	(1 044)

The accompanying notes are an integral part of these condensed consolidated financial statements.

The condensed consolidated provisional financial statements (condensed consolidated financial statements) for the year ended 30 June 2016 have been prepared by Harmony Gold Mining Company Limited's corporate reporting team headed by Herman Perry. This process was supervised by the financial director, Frank Abbott and approved by the board of Harmony Gold Mining Company Limited on 15 August 2016. These condensed consolidated financials have been reviewed by the group's external auditors, PricewaterhouseCoopers Incorporated (see note 16).

CONDENSED CONSOLIDATED STATEMENTS OF
COMPREHENSIVE INCOME (RAND)

	Six months ended			Year ended	
	30 June 2016 (Unaudited)	31 December 2015 (Unaudited)	30 June 2015 (Unaudited)	30 June 2016 (Reviewed)	30 June 2015 (Audited)
Figures in million					
Net profit/(loss) for the period	1 394	(445)	(3 415)	949	(4 536)
Other comprehensive income/(loss) for the period, net of income tax	(329)	472	(6)	143	59
Items that may be reclassified subsequently to profit or loss:					
Foreign exchange translation gain/(loss)	(333)	472	(11)	139	54
Items that will not be reclassified to profit or loss:					
Remeasurement of retirement benefit obligation	4	-	5	4	5
Actuarial gain recognised during the year	3	-	8	3	8
Deferred taxation thereon	1	-	(3)	1	(3)
Total comprehensive income/(loss) for the period	1 065	27	(3 421)	1 092	(4 477)
Attributable to:					
Owners of the parent	1 065	27	(3 421)	1 092	(4 477)

The accompanying notes are an integral part of these condensed consolidated financial statements.

CONDENSED CONSOLIDATED STATEMENTS OF CHANGES IN
EQUITY (RAND)

For the year ended 30 June 2016

	Share capital	Other reserves	Accumulated loss	Total
Figures in million				
Balance - 30 June 2015	28 324	3 787	(5 358)	26 753
Share-based payments	-	322	-	322
Reversal of provision for odd lot repurchases	12	-	-	12
Net profit for the period	-	-	949	949
Other comprehensive income for the period	-	143	-	143
Balance - 30 June 2016 (Reviewed)	28 336	4 252	(4 409)	28 179
Balance - 30 June 2014	28 325	3 539	(822)	31 042
Share-based payments	(1)	189	-	188
Net loss for the period	-	-	(4 536)	(4 536)
Other comprehensive income for the period	-	59	-	59
Balance - 30 June 2015 (Audited)	28 324	3 787	(5 358)	26 753

The accompanying notes are an integral part of these condensed consolidated financial statements.

CONDENSED CONSOLIDATED BALANCE SHEETS (RAND)

		At 30 June 2016 (Reviewed)	At 31 December 2015 (Unaudited)	At 30 June 2015 (Audited)
Figures in million	Note			
ASSETS				
Non-current assets				
Property, plant and equipment	6	29 919	30 101	29 548
Intangible assets		870	878	885
Restricted cash		62	55	48
Restricted investments		2 496	2 434	2 384
Investments in associates	7	-	10	-
Investments in financial assets		5	5	5
Inventories		37	36	36
Other non-current receivables	12	172	74	80
Total non-current assets		33 561	33 593	32 986
Current assets				
Inventories		1 167	1 260	1 292
Trade and other receivables	7	654	658	746
Income and mining taxes	4	6	11	30
Derivative financial assets	3	369	-	-
Restricted cash		17	16	16
Cash and cash equivalents		1 256	876	1 067
Total current assets		3 469	2 821	3 151
Total assets		37 030	36 414	36 137

EQUITY AND LIABILITIES					
Share capital and reserves					
Share capital		28 336	28 324	28 324	
Other reserves		4 252	4 358	3 787	
Accumulated loss		(4 409)	(5 803)	(5 358)	
Total equity		28 179	26 879	26 753	
Non-current liabilities					
Deferred tax liabilities		2 413	1 926	1 906	
Provision for environmental rehabilitation		2 183	2 364	2 218	
Retirement benefit obligation		169	170	163	
Other non-current liabilities		16	41	37	
Borrowings	8	2 039	3 092	3 399	
Total non-current liabilities		6 820	7 593	7 723	
Current liabilities					
Borrowings	8	300	299	-	
Income and mining taxes	4	40	1	1	
Trade and other payables		1 691	1 642	1 660	
Total current liabilities		2 031	1 942	1 661	
Total equity and liabilities		37 030	36 414	36 137	

The accompanying notes are an integral part of these condensed consolidated financial statements.

CONDENSED CONSOLIDATED CASH FLOW STATEMENTS (RAND)

Figures in million	Note	Six months ended			Year ended	
		30 June	31 December	30 June	30 June	30 June
		2016	2015	2015	2016	2015
		(Unaudited)	(Unaudited)	(Unaudited)	(Reviewed)	(Audited)
Cash flow from operating activities						
Cash generated by operations		2 923	1 736	921	4 659	1 928
Interest and dividends received		27	47	46	74	101
Interest paid		(116)	(39)	(62)	(155)	(108)
Income and mining taxes (paid)/refunded		(83)	18	21	(65)	85
Cash generated by operating activities		2 751	1 762	926	4 513	2 006
Cash flow from investing activities						
(Increase)/decrease in restricted cash		(5)	(7)	8	(12)	8
Decrease in restricted investments		36	3	30	39	31
(Increase)/decrease in loan to associate		-	7	-	7	(120)
Loan to ARM BBEE Trust	12	(200)	-	-	(200)	-
Net additions to property, plant and equipment	10	(1 265)	(1 168)	(1 428)	(2 433)	(2 827)
Cash utilised by investing activities		(1 434)	(1 165)	(1 390)	(2 599)	(2 908)
Cash flow from financing activities						
Borrowings raised	8	-	300	941	300	941
Borrowings repaid	8	(928)	(1 117)	(793)	(2 045)	(793)
Cash generated/(utilised) by financing activities		(928)	(817)	148	(1 745)	148
Foreign currency translation adjustments		(9)	29	9	20	(8)
Net increase/(decrease) in cash and cash equivalents		380	(191)	(307)	189	(762)
Cash and cash equivalents - beginning of period		876	1 067	1 374	1 067	1 829
Cash and cash equivalents - end of period		1 256	876	1 067	1 256	1 067

The accompanying notes are an integral part of these condensed consolidated financial statements.

NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 30 June 2016 (Rand)

1 Accounting policies

Basis of accounting

The condensed consolidated financial statements for the year ended 30 June 2016 are prepared in accordance with the requirements of the JSE Limited Listings Requirements for provisional reports and the requirements of the Companies Act of South Africa. The Listings Requirements require provisional reports to be prepared in accordance with the framework concepts and the measurement and recognition requirements of International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board (IASB) and the SAICA Financial Reporting Guides as issued by the Accounting Practices Committee and Financial Pronouncements as issued by the Financial Reporting Standards Council and to also, as a minimum, contain the information required by IAS 34 Interim Financial Reporting. The accounting policies applied in the preparation of the condensed consolidated financial statements are in terms of IFRS and are consistent with those applied in the previous consolidated annual financial statements.

2 Cost of sales

Figures in million	Six months ended			Year ended	
	30 June	31 December	30 June	30 June	30 June
	2016	2015	2015	2016	2015
	(Unaudited)	(Unaudited)	(Unaudited)	(Reviewed)	(Audited)
Production costs - excluding royalty	6 427	6 652	5 976	13 079	12 537
Royalty expense	108	63	42	171	95
Amortisation and depreciation	1 084	1 086	1 220	2 170	2 472
(Reversal of impairment)/impairment of assets(1)	(43)	-	3 471	(43)	3 471
Rehabilitation expenditure/(credit)(2)	(69)	28	(26)	(41)	(6)
Care and maintenance cost of restructured shafts	56	58	69	114	106
Employment termination and restructuring costs	1	15	21	16	251
Share-based payments(3)	224	105	68	329	208
Other	(8)	(1)	(81)	(9)	(81)
Total cost of sales	7 780	8 006	10 760	15 786	19 053

(1) The net reversal of impairment of long-lived assets in the June 2016 period consists of a reversal of impairment of R738 million on Doornkop, offset by an impairment of R466 million on Hidden Valley and R229 million on Masimong. The June 2015 impairment consists of an impairment of R2.11 billion on Hidden Valley, R1.04 billion on Doornkop, R278 million on Phakisa and R43 million on Freddie's 9. Refer to note 6 for further details.

(2) Included in the total for the June 2016 period is a credit of R110 million relating to the change in estimate following the annual reassessment.

(3) Due to the low share price at the time of the awarding of performance shares (PS) for 2015, a large number of PS were allocated to employees. The increase in the share price between the award date and the approval date resulted in an increase in the IFRS 2 Share-based payment fair value per award measurement.

3 Foreign exchange translation gain/(loss)

	Six months ended			Year ended	
	30 June 2016 (Unaudited)	31 December 2015 (Unaudited)	30 June 2015 (Unaudited)	30 June 2016 (Reviewed)	30 June 2015 (Audited)
Figures in million					
Translation gain/(loss) on US\$ revolving credit facility (a)	135	(800)	(122)	(665)	(382)
Unrealised derivative gain (b)	369	-	-	369	-
Realised derivative gain (b)	77	-	-	77	-
Other	25	2	(3)	27	15
Total foreign exchange translation gain/(loss)	606	(798)	(125)	(192)	(367)
Rand/US\$ exchange rate:					
Closing/spot at	14.72	15.62	12.16	14.72	12.16
Average	15.39	13.62	11.91	14.50	11.45

a) Refer to note 8 for details on the US\$ revolving credit facility.

b) During February 2016, Harmony entered into foreign exchange hedging contracts (forex hedging contracts) in the form of zero cost collars, which establish a minimum (floor) and maximum (cap) Rand/US Dollar exchange rate at which to convert US dollars to Rands. The nominal value of open forex hedging contracts at 30 June 2016 is US\$500 million. The hedging contracts are spread over a 12 month period with a weighted average cap price of US\$1=R18.27 and weighted average floor price of US\$1=R15.55. The mark-to-market of the derivative asset is R369 million as at 30 June 2016 due to the strengthening of the Rand exchange rate against the US dollar since the conclusion of the forex hedging contracts. As we do not apply hedge accounting, the gains have been recorded in the income statement.

4 Taxation

Normal taxation expense increased during the year ended 30 June 2016 due to the increased profitability at most of the South African operations and the inclusion of the unrealised derivative gain of R369 million in determining taxable income.

The deferred tax expense increased during 2016 due to the net increase in the deferred tax rates year on year and utilisation of assessed losses and unredeemed capital by the South African companies. The weighted average deferred tax rates for most South African companies increased as a result of increased forecast profitability of these operations.

5 Earnings/(loss) per share

	Six months ended			Year ended	
	30 June 2016 (Unaudited)	31 December 2015 (Unaudited)	30 June 2015 (Unaudited)	30 June 2016 (Reviewed)	30 June 2015 (Audited)
Weighted average number of shares (million)	436.3	435.2	434.7	435.7	434.4
Weighted average number of diluted shares (million)	455.9	436.9	438.6	446.4	438.1
Total earnings/(loss) per share (cents):					
Basic earnings/(loss)	320	(102)	(786)	218	(1 044)
Diluted earnings/(loss)	306	(102)	(786)	213	(1 044)
Headline earnings/(loss)	324	(103)	(16)	221	(189)
Diluted headline earnings/(loss)	310	(103)	(16)	216	(189)
Figures in million					
Reconciliation of headline earnings/(loss):					
Net profit/(loss)	1 394	(445)	(3 415)	949	(4 536)
Adjusted for:					
Profit on disposal of investments(1)	-	-	(4)	-	(4)
Reversal of impairment/(impairment) of assets	(43)	-	3 471	(43)	3 471
Taxation effect on reversal of impairment/(impairment) of assets	12	-	(169)	12	(169)
Profit on sale of property, plant and equipment	(3)	(4)	(5)	(7)	(6)
Taxation effect on profit on sale of property, plant and equipment	-	-	(1)	1	(1)
Loss on scrapping of property, plant and equipment	64	-	61	64	491
Taxation effect on loss on scrapping of property, plant and equipment	(12)	-	(9)	(12)	(67)
Headline earnings/(loss)	1 412	(449)	(71)	964	(821)

(1) There is no taxation effect on this item.

6 Property, plant and equipment

(a) Impairment/reversal of impairment

One of the most significant assumptions that influence the Group's operations' life-of-mine plans and therefore impairment is the expected gold price. During this year's planning and testing, commodity price and exchange rate assumptions as per the table below were used. Post-tax real discount rates ranging between 8.43% and 11.77% (2015: 7.99% and 12.03%), depending on the asset, were used to determine the recoverable amounts (generally fair value less costs to sell).

	2017 onwards
US\$ gold price (\$/ounce)	1 189
US\$ silver price (\$/ounce)	17.80
Exchange rate (R/US\$)	13.86
Exchange rate (PKG/US\$)	3.10
Rand gold price (R/Kg)	530 000

For South African operations, values of US\$40.86, US\$23.35 and US\$5.84 per ounce were used for measured, indicated and inferred resources, respectively. For Hidden Valley, US\$5.84 per ounce was used for indicated and inferred resources.

The annual impairment assessment performed resulted in a net reversal of impairment of R43 million for the 2016 financial year.

- A reversal of R738 million was recorded for Doornkop mainly due to the increased Rand gold price assumption, improvements in operational efficiencies following the restructuring in 2015 and new areas included in the life-of-mine plan based on additional exploration performed during 2016. The recoverable amount is R2.8 billion.
- An impairment of R466 million was recorded for Hidden Valley. The updated life-of-mine plan for Hidden Valley results in lower production in 2017 as the mine undergoes processing of ore stockpiles and a period of care and maintenance, with stripping activities for stage 5 planned to recommence in the 2018 financial year. The recoverable amount is R319 million (US\$21.7 million).
- An impairment of R229 million was recorded for Masimong which has a remaining life of mine of three years. The exploration programme to find additional areas of the higher grade B Reef proved unsuccessful and was stopped during 2016. In addition, the grade estimation of the Basal Reef decreased and as a result a portion of the resource was abandoned at 30 June 2016. The recoverable amount is R472 million.

The recoverable amounts for these assets were determined on a fair value less costs to sell basis using the assumptions above in discounted cash flow models and attributable resource values. These are fair value measurements classified as level 3.

The sensitivity scenario of a 10% decrease in the commodity price used in the discounted cash flow models and the resource values used (with all other variables held constant) would have resulted in an additional impairment at Hidden Valley of R319 million and Masimong of R281 million. The decreases noted would have resulted in impairments at Unisel of R162 million, Free State surface assets of R141 million, Other Harmony assets of R46 million and Doornkop of R15 million (as opposed to the reversal recorded of R738 million).

(b) Loss on scrapping of property, plant and equipment

At 30 June 2016, following the annual life-of-mine planning, an amount of R64 million (2015: R491 million) was recorded for various operations as a result of the abandonment of uneconomical areas in the life-of-mine plans of those operations. The abandonment of unprofitable areas in the plans resulted in the derecognition of property, plant and equipment as no future economic benefits are expected from their use or disposal. For June 2015, the scrapping loss recorded mainly related to the life-of-mine optimisation process finalised in December 2014 which resulted in the abandoning of shaft levels and raise lines at Kusasaletu and Masimong.

7 Investment in associate

Harmony's gross portion of the subordinated shareholders' loan extended to Rand Refinery Proprietary Limited (Rand Refinery) in December 2014 amounts to R120 million. This loan forms part of the net investment in associate. At 30 June 2016, Harmony set off its share of profits from associate of R7 million against its share of losses of R25 million recorded against the loan in 2015, as well as an additional provision for impairment of R25 million (2015: R15 million). The recoverable amount of the loan at 30 June 2016 is R62 million (2015: R80 million). The fair value measurement of the net investment is classified as level 3 and is non-recurring. The loan is due in December 2016 and has been included in Other receivables - current.

8 Borrowings

During the 2016 financial year R300 million and R400 million was raised and repaid respectively on the R1.3 billion Nedbank revolving credit facility. US\$110 million (R1 645 million) was repaid on the US\$ revolving credit facility. Refer to note 3 for details on the foreign exchange translation movement.

Figures in million	US\$ facility US dollar	Rand facility SA rand
Borrowings summary at 30 June 2016		
Facility	250	1 300
Drawn down	140	300
Undrawn committed borrowing facilities	110	1 000
Maturity	February 2018	December 2016
Interest rate	LIBOR + 3%	JIBAR + 3.5%

At 30 June 2016, the drawn amount of R300 million on the Nedbank facility is repayable within 12 months and has been reclassified as current. Refer to note 13 for events after reporting date.

9 Financial risk management activities

Fair value determination

The fair value levels of hierarchy are as follows:

- Level 1: Quoted prices (unadjusted) in active markets for identical assets;
- Level 2: Inputs other than quoted prices included within level 1 that are observable for the asset, either directly or indirectly (that is, as prices) or indirectly (that is derived from prices);
- Level 3: Inputs for the asset that are not based on observable market data (that is unobservable inputs).

The following table presents the group's assets and liabilities that are measured at fair value at reporting date:

	Fair value hierarchy level	At 30 June 2016	At 31 December 2015	At 30 June 2015
Available-for-sale financial assets				
Investment in financial assets(1)	Level 3	5	5	5
Fair value through profit or loss				
Restricted investments(2)	Level 2	640	614	538
Derivative assets(3)	Level 2	369	-	-

(1) Level 3 fair values have been valued by the directors by performing independent valuations on an annual basis.

(2) The majority of the level 2 fair values are directly derived from the Top 40 index on the JSE, and are discounted at market interest rate. This relates to equity-linked deposits in the group's environmental rehabilitation trust funds.

(3) The mark-to-market remeasurement of the forex hedging contracts (zero cost collars) is derived from a Black-Scholes valuation technique, derived from spot Rand/US\$ exchange rate inputs and discounted at market interest rate.

For all other financial instruments, fair value approximates carrying value.

10 Net additions to property, plant and equipment

	Six months ended		Year ended		
	30 June 2016	31 December 2015	30 June 2015	30 June 2016	30 June 2015
Figures in million	(Unaudited)	(Unaudited)	(Unaudited)	(Reviewed)	(Audited)
Capital expenditure - operations	1 125	1 027	1 191	2 152	2 470
Capital and capitalised exploration and evaluation expenditure for Golpu	126	114	105	240	119
Additions resulting from stripping activities at Hidden Valley	14	28	138	42	236
Other	-	(1)	(6)	(1)	2
Net additions	1 265	1 168	1 428	2 433	2 827

11 Commitments and contingencies

	At 30 June 2016 (Reviewed)	At 31 December 2015 (Unaudited)	At 30 June 2015 (Audited)
Figures in million			

Capital expenditure commitments:			
Contracts for capital expenditure	264	166	158
Authorised by the directors but not contracted for	516	1 607	257
	780	1 773	415

This expenditure will be financed from existing resources and, where appropriate, borrowings.

Contingent liabilities

For a detailed disclosure on contingent liabilities refer to Harmony's annual financial statements for the financial year ended 30 June 2015. Other than discussed below, there were no significant changes in contingencies since 30 June 2015.

(a) Silicosis

On 13 May 2016, the Johannesburg High Court ordered the certification of a silicosis class and a tuberculosis (TB) class, which are to proceed as a single class against the mining companies acted in the application. The companies requested leave to appeal to the Supreme Court of Appeal (SCA), which was granted on 24 June 2016. Harmony submitted its notice of appeal in respect of the transmissibility of the general damages order on 22 July 2016.

Due to the limited information available on the above claim and potential other claims, and the uncertainty of the outcome of the matter, no costs estimation can as yet be made for the possible obligation.

12 Related parties

Key management personnel are those persons having authority and responsibility for planning, directing and controlling the activities of the group, directly or indirectly, including any director (whether executive or otherwise) of the group.

(a) Movement in shares owned by directors/prescribed officers for the year ended 30 June 2016:

Name of director/prescribed officer	Shares purchased in open market	Shares sold in open market	Performance shares vested and retained
Frank Abbott (Financial director) (1)	300 000	-	18 547
Graham Briggs (Chief executive officer) (2)	-	-	46 874
Harry "Mashego" Mashego (Executive director) (3)	-	10 000	7 760
Ken Dicks (Independent non-executive director) (4)	15 000	-	n/a
Johannes van Heerden (5)	-	41 337	13 153

(1) Purchased on 15 December 2015.

(2) Graham Briggs retired on 31 December 2015.

(3) Sold on 23 March 2016.

(4) Purchased on 8 December 2015.

(5) Sold in several tranches during 2016.

(b) During July 2015, Harmony signed a R150 million guarantee for the ARM Broad Based Economic Empowerment (BBEE) Trust (the Trust), shareholder of the African Rainbow Minerals Limited. The guarantee was for additional security for the Trust's loan due to Nedbank Limited. The guarantee was subsequently cancelled in April 2016 after Harmony advanced R200 million to the Trust as part of the restructuring and refinancing of the Trust's bank debt. The loan is subordinated and unsecured. The interest rate is market related (3 month JIBAR plus 4.25%) and is receivable on the maturity of the loan on 31 December 2022. At 30 June 2016, the loan to the Trust was tested for impairment and a provision for impairment of R33 million was required. This impairment is included in "Other expenses (net)" in the income statement. The recoverable amount on the Trust loan at 30 June 2016 is R172 million and is recorded in Other non-current receivable in the balance sheet. The fair value measurement is classified as level 3 and is non-recurring.

13 Subsequent events

a) On 7 July 2016, Harmony repaid the remaining R300 million outstanding on the R1.3 billion Nedbank ZAR facility.

b) During July 2016, Harmony entered into short term gold forward sale contracts for a total of 432 000 ounces over a period of 24 months. These contracts create cash certainty for approximately 20% of the Group's total production at an average gold price of R682 000/kg. We will be applying cash flow hedge accounting to these contracts.

c) On 15 August 2016, the board declared a dividend of 50 SA cents for the year ended 30 June 2016, payable on 19 September 2016.

14 Segment report

The segment report follows below.

15 Reconciliation of segment information to condensed consolidated income statements and balance sheets

Figures in million	Year ended	
	30 June 2016 (Reviewed)	30 June 2015 (Audited)
The "Reconciliation of segment information to condensed consolidated financial statements" line item in the segment report is broken down in the following elements, to give a better understanding of the differences between the financial statements and segment report:		
Reconciliation of production profit to gross profit		
Total segment revenue	18 334	15 435
Total segment production costs	(13 250)	(12 632)
Production profit per segment report	5 084	2 803
Depreciation	(2 170)	(2 472)
Reversal of impairment/(impairment) of assets	43	(3 471)
Other cost of sales items	(409)	(478)
Gross profit/(loss) as per income statements(1)	2 548	(3 618)

(1) The reconciliation was done up to the first recognisable line item on the income statement. The reconciliation will follow the income statement after that.

Figures in million	At 30 June 2016 (Reviewed)	At 30 June 2015 (Audited)
	Reconciliation of total segment mining assets to consolidated property, plant and equipment	
Property, plant and equipment not allocated to a segment		
Mining assets	657	762
Undeveloped property	5 139	5 139
Other non-mining assets	168	199

Wafi-Golpu assets

1 785
7 749

1 188
7 288

16 Review report

These condensed consolidated financial statements for the year ended 30 June 2016 have been reviewed by PricewaterhouseCoopers Inc., who expressed an unmodified review conclusion thereon. A copy of the auditor's review report is available for inspection at the company's registered office, together with the financial statements identified in the auditor's report.

SEGMENT REPORT (RAND/METRIC)
for the year ended 30 June 2016

	Revenue 30 June		Production cost 30 June		Production profit/(loss) 30 June		Mining assets 30 June		Capital expenditure# 30 June		Kilograms produced@ 30 June		Tonnes milled@ 30 June	
	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015
	R million		R million		R million		R million		R million		kg		t'000	
South Africa														
Underground														
Kusasaletu	2 078	1 939	1 816	1 996	262	(57)	3 766	3 619	360	463	3 863	3 953	668	908
Doornkop	1 480	1 220	1 047	1 092	433	128	2 984	2 239	208	245	2 730	2 663	630	603
Phakisa	2 186	1 420	1 375	1 181	811	239	4 246	4 307	323	403	3 988	3 118	686	611
Tshepong	2 756	1 948	1 844	1 611	912	337	4 161	4 025	307	313	5 031	4 278	1 088	992
Masimong	1 318	1 118	1 038	992	280	126	485	893	110	166	2 432	2 463	650	670
Target 1	1 833	1 738	1 250	1 191	583	547	2 826	2 782	322	296	3 387	3 824	739	749
Bambanani	1 617	1 330	811	705	806	625	807	821	106	110	3 013	2 908	232	229
Joel	1 220	1 046	831	770	389	276	728	578	215	182	2 278	2 258	542	551
Unisel	925	770	754	682	171	88	543	594	62	99	1 704	1 695	424	417
Target 3(a)	-	222	-	177	-	45	526	535	-	20	-	483	-	90
Surface														
All other surface operations	1 601	1 338	1 272	1 092	329	246	448	483	59	51	2 972	2 927	10 985	10 418
Total South Africa	17 014	14 089	12 038	11 489	4 976	2 600	21 520	20 876	2 072	2 348	31 398	30 570	16 644	16 238
International														
Hidden Valley	1 320	1 346	1 212	1 143	108	203	650	1 384	79	121	2 257	2 943	1 729	1 825
Total international	1 320	1 346	1 212	1 143	108	203	650	1 384	79	121	2 257	2 943	1 729	1 825
Total operations	18 334	15 435	13 250	12 632	5 084	2 803	22 170	22 260	2 151	2 469	33 655	33 513	18 373	18 063
Reconciliation of the segment information to the condensed consolidated financial statements (refer to note 15)	-	-	-	-	-	-	7 749	7 288	-	-	-	-	-	-
	18 334	15 435	13 250	12 632			29 919	29 548						

Capital expenditure for international operations excludes expenditure spend on Wafi-Golpu of R240 million (2015: R119 million).

(a) Target 3 was placed on care and maintenance in October 2014.

@ Production statistics are unaudited and not reviewed.

The segment report for the year ended 30 June 2015 has been audited. The segment report for the year ended 30 June 2016 has been reviewed.

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