

HARMONY GOLD MINING CO LTD

Form 6-K

February 08, 2010

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

**Form 6-K**

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO  
RULE 13a-16 OR 15d-16 UNDER THE SECURITIES  
EXCHANGE ACT OF 1934

For

8 February 2010

**Harmony Gold Mining Company  
Limited**

Randfontein Office Park

Corner Main Reef Road and Ward Avenue

Randfontein, 1759

South Africa

(Address of principal executive offices)

(Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.)

Form 20-F  Form 40-F

(Indicate by check mark whether the registrant by  
furnishing the information contained in this form  
is also thereby furnishing the information to the  
Commission pursuant to Rule 12g3-2(b) under the  
Securities Exchange Act of 1934.)

Yes  No

Shareholder information

Issued ordinary share capital  
at 31 December 2009

426 079 492

Market capitalisation

At 31 December 2009 (ZARm)

32 293

At 31 December 2009 (US\$m)

4 333

Harmony ordinary share  
and ADR prices

12 month high (1 January 2009 to  
31 December 2009) for  
ordinary shares

R129.50

12 month low (1 January 2009 to  
31 December 2009)

for ordinary shares

R69.05

12 month high (1 January 2009 to  
31 December 2009) for ADRs

\$13.06

12 month low (1 January 2009 to  
31 December 2009) for ADRs

\$8.17

Free float

100%

ADR ratio

1:1

JSE Limited

HAR

Range for quarter

(1 October 2009 to 31 December 2009 R74.00 –  
– closing prices)

R87.00

Average daily volume for  
the quarter (1 October 2009 to  
31 December 2009)

1 732 533

Average daily volume for  
the period (1 January 2009 to  
31 December 2009)

2 238 413

New York Stock

Exchange, Inc.

HMY

Range for quarter

(1 October 2009 to 31 December 2009 \$9.73 –  
– closing prices)

\$11.98

Average daily volume for  
the quarter (1 October 2009 to  
31 December 2009)

1 053 822

Average daily volume for  
the period (1 January 2009 to  
31 December 2009)

945 810

Nasdaq

HMY

Range for quarter

(1 October 2009 to 31 December 2009 \$9.74 –  
– closing prices)

\$11.94

Average daily volume for  
the quarter (1 October 2009 to  
31 December 2009)

816 709

Average daily volume for  
the period (1 January 2009 to  
31 December 2009)

740 219

Key features for the quarter

Safety remains our top priority

45% increase in cash operating profit to R800 million

•

1% decrease in total operating costs

•

gold price increased by 11% to R264 774/kg

Free cash flow from SA underground operations

‘Fixing the mix’

•

more quality, low-cost ounces the objective

Commissioning of growth projects

•

2.5% drop in total capex

Exciting exploration results from Wafi-Golpu in PNG

Financial review for the second quarter and six months ended

31 December 2009

**Quarter**

**Quarter**

**6 months 6 months Year-to-**

**December September**

**Q-on-Q December December**

**year**

**2009**

**2009 variance**

**2009**

**2008 variance**

Gold produced\* – kg

11 569

11 714  
(1.2)  
23 283  
23 554  
(1.2)  
– oz  
371 956  
376 599  
(1.2)  
748 555  
757 277  
(1.2)  
Cash operating – R/kg  
192 101  
188 362  
(2.0)  
190 172  
162 550  
(17.0)  
costs  
– \$/oz  
798  
753  
(6.0)  
775  
580  
(33.6)  
Gold sold\*  
– kg  
11 640  
11 471  
1.5  
23 111  
24 757  
(6.7)  
– oz  
374 234  
368 800  
1.5  
743 034  
795 953  
(6.7)  
Gold price  
– R/kg  
264 774  
239 438  
10.6  
251 968  
235 421  
7.0  
received

– US\$/oz

1 100

957

14.9

1 028

831

23.7

Cash operating – Rm

800

552

44.9

1 351

1 921

(29.7)

profit

– US\$m

107

71

50.7

178

217

(18.0)

Basic

– SAc/s

28

(7)

>100

21

161

(87.0)

earnings/(loss) – USc/s

4

(1)

>100

3

18

(83.3)

Headline

– Rm

207

(51)

>100

156

427

(63.4)

profit/(loss)

– US\$m

28

(7)

>100

20

48

(58.3)

Headline

– SAc/s

49

(12)

>100

37

105

(64.8)

earnings/(loss) – USc/s

7

(2)

>100

5

12

(58.3)

Exchange rate

– R/US\$

7.49

7.78

(3.7)

7.63

8.84

(13.7)

\* Production and sales statistics for Hidden Valley have been included. The mine is in a build-up phase and revenue and costs

are currently capitalised.

#### HARMONY'S ANNUAL REPORTS

Harmony's Annual Report, Notice of Annual General Meeting, its Sustainable Development Report and its annual report filed on a Form 20F with the United States' Securities and Exchange Commission for the year ended 30 June 2009 are available on our website at [www.harmony.co.za](http://www.harmony.co.za).

Incorporated in the Republic of South Africa

Registration Number 1950/038232/06

("Harmony" or "Company")

JSE Share code: HAR

NYSE Share code: HMY

ISIN: ZAE 000015228

Results for the

second quarter and six months

ended 31 December 2009

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Results for the second quarter and six months  
**ended 31 December 2009**

Forward-looking statements

This quarterly report contains forward-looking statements within the meaning of the United States Private Securities Litigation Reform Act of 1995 with respect to Harmony's 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. Statements in this quarter that are not historical facts are "forward-looking statements" for the purpose of the safe harbor provided by Section 21E of the U.S. Securities Exchange Act of 1934, as amended, and Section 27A of the U.S. Securities Act of 1933, as amended. Forward-looking statements are statements that are not historical facts. These statements include financial projections and estimates and their underlying assumptions, statements regarding plans, objectives and expectations with respect to future operations, products and services, and statements regarding future performance. Forward-looking statements are generally identified by the words "expect", "anticipates", "believes", "intends", "estimates" and similar expressions. These statements are only predictions. All forward-looking statements involve a number of risks, uncertainties and other factors and we cannot assure you that such statements will prove to be correct. Risks, uncertainties and other factors could cause actual events or results to differ from those expressed or implied by the forward-looking statements.

These forward-looking statements, including, among others, those relating to the future business prospects, revenues and income of Harmony, wherever they may occur in this quarterly report and the exhibits to this quarterly report, are necessarily estimates reflecting the best judgment of the senior management of Harmony 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 quarterly 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 and elsewhere;
- the ability to achieve anticipated efficiencies and other cost savings in connection with past and future acquisitions;
- increases/decreases in the market price of gold;
- the occurrence of hazards associated with underground and surface gold mining;
- the occurrence of labour disruptions;

availability, terms and deployment of capital;  
changes in government regulation, particularly  
mining rights and environmental regulations;  
fluctuations in exchange rates;  
currency devaluations and other macro-  
economic monetary policies; and  
socio-economic instability in South Africa and  
regionally.

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## Chief Executive Officer's Review

**Overview**

The turnaround at Harmony continues with an increase in profitability on the back of favourable market conditions and restructuring for more quality ounces. 'Fixing the mix' – was a primary focus in the quarter under review. Costs were well-controlled and a higher Rand gold price received helped us towards significantly improved profit levels. Work continued on the commissioning of our growth projects and on production planning for the Pamodzi Gold Free State assets. In addition, we reported some very exciting exploration results out of Papua New Guinea (PNG).

**Safety**

With deep regret, I must report that five of our colleagues died in work-related incidents during the quarter. Those who died were: Lekhetho Ranko, a team leader at Bambanani, Ashley Nortje a boilermaker, and Keith Coleman, a maintenance technician, both at Target; Lebusa Elia, a team leader at Virginia Operations; and Martin Thosa, a night shift cleaner at Elandsrand. I would like to extend my deepest condolences to their families, friends and colleagues. Our Fatal Injury Frequency Rate (FIFR) showed an encouraging improvement quarter on quarter. Whilst the current quarter has not been great, safety is a high priority and is being constantly addressed. The rewards of these will be seen in time.

Detailed coverage of our safety and health performance and the measures taken to ensure a safe working environment is contained in the safety and health section on page 5.

**Gold market**

The South African Rand was stronger against the US Dollar during the quarter, the exchange rate averaging R7.49/US\$ compared with R7.78/US\$ in the previous quarter.

The US Dollar gold price averaged \$1 100/oz, up 14.9% on the previous quarter, pointing to the metal's continuing robustness as world economies recover from the meltdown of 2008. Consequently, the Rand gold price we received for our production averaged R264 774/kg, a 10.6% improvement quarter on quarter.

What matters primarily to us as a dominant South African gold producer, is of course the Rand gold price we receive, the determinant of which is the Rand/Dollar exchange rate. While the higher Rand gold price received during the December 2009 quarter was most welcome, we still hold the view that general Rand strength is likely to continue for so long as any global economic uncertainties last. We therefore expect the gold price to remain fairly flat for the next 12 months in R/kg terms.

**Operating and financial results**

Gold production for the quarter was down 1.2% to 11 569kg as expected, mainly due to the restructuring, more detail of which is provided below. Underground volume was 6.2% lower at 2 243 000t, underground grade flat at 4.51g/t, and underground production thus 5.7% lower at 325 268oz. Surface volumes increased by 22.9% to 2 681 000t. Combined with a 20% increase in grade to 0.54g/t,

resulted in surface production increasing by 46.8% to 46 688oz.

The increase in surface production can mainly be attributed to our opencast operations at PNG.

The aforementioned improvement in the average Rand gold price we received resulted in an 8.2% increase in revenue to R2 971 million, and after accounting for total cash operating costs – 1% lower at R2 172 million mainly because of the lower summer electricity tariff – cash operating profit was 44.9% higher at R800 million.

Further financial and operating results information is contained in the financial overview on page 5, and in the operational overview commencing on page 6.

### **Restructuring for sustained profitability**

As part of our stated strategy, cutbacks from marginal loss-making mining operations at Harmony could be expected. Our objective is to eliminate high-cost ounces from our production profile.

We carefully reviewed our asset portfolio over a period of some months.

During the December 2009 quarter there was an intense focus on the uneconomical operations – specifically, Harmony 2 shaft, Merriespruit 1 and 3 shafts, and Brand 3 shaft, all contained within the Virginia operations; and the Evander 2, 5 and 7 shafts.

Brand 3 and Evander 7 ceased production, mainly due to depletion of their ore bodies, mature infrastructure and low grades. A number of their employees were redeployed to our growth projects to fill vacancies or to replace contractors at other operations.

Evander 2 and 5 were placed on care and maintenance during January 2010. We will continue to closely monitor Harmony 2, while the Merriespruit shafts appear to have remaining potential, provided they meet their production targets. It is likely that we will be able to minimise further retrenchments by absorbing some employees at the Pamodzi Gold Free State operations.

### **Growth project commissioning**

The Company continued to focus on commissioning growth projects during the quarter, which showed encouraging results.

At Phakisa, volume increased by 22.5%, while recovery from the previous quarter's geological interferences and resolution of infrastructure problems were adequately addressed. Tshepong's grade challenge is expected to continue until production from the less erratic, higher-grade Sub-66 Decline area builds up. At Bambanani, the Shaft Pillar Extraction Project is gaining momentum, with development well under way.

Doornkop shaft received ISO 14001 accreditation in December 2009, the first Harmony operation to achieve this. Work during the Christmas break helped to reduce the impact of a shaft barrel delay on shaft equipping. While Elandsrand had a disappointing production quarter, the No 1 settler dam was sealed and pre-commissioning of the 115 level pump station was completed in preparation for full commissioning during the March 2010 quarter. The 100 level refrigeration complex construction is 90% complete, with completion planned for November 2010.

In PNG, remaining sections of the Hidden Valley process plant were completed in October 2009 and the overland conveyor in early December 2009. The past quarter yielded 43 028oz of gold production and 53 081oz of silver, 50% of which is attributable to Harmony. Hidden Valley is expected to reach commercial levels of production in March 2010 quarter.

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Results for the second quarter and six months

**ended 31 December 2009**

**Progressing other projects**

The business plan for the Pamodzi Gold Free State assets was completed during the quarter, the key milestones of which include: production of 18kg of gold a month from rock dump milling at Target. Our planning includes the recovery of some 800kg of gold from the plant clean-up; and production build-up from the underground assets to 150 000oz over the next 24 months. The reserve and resource estimates are currently being revised.

Re-treatment of surface tailings is proving to be an attractive proposition from both safety and cost perspectives. At our Phoenix Project in the Free State, we plan to increase volume by 400 000tpm to 900 000tpm, and at the nearby and re-commissioned Project Saints the mothballed St Helena plant will be upgraded to treat surface tailings over a period of at least 20 years. We are looking at financing options to fund these projects.

Project TPM is evaluating the potential for the economic recovery of uranium from the higher grade uranium ore mined at Tshepong, Phakisa and Masimong. Current activities include resource estimation, environmental studies, process and plant design, as well as metallurgical and flotation test work. We are now entering a 12-month feasibility stage.

**Exploration**

Drilling at the Morobe Mining Joint Venture's Golpu West prospect in Papua New Guinea has achieved several highly significant intercepts of porphyry copper gold mineralisation. These form a new zone of mineralisation immediately west of the known Golpu resource. Although the mineralisation is open at depth and along strike, it is evident that this new discovery will have a material effect on the Golpu resource base and mining studies.

A new zone of epithermal gold mineralisation was outlined in initial drilling at the Northern Diatreme Margin prospect at Wafi, and a major new gold anomaly defined through reconnaissance stream sediment sampling at Bavaga. The latter lies about 6km north of the Wafi-Golpu project, on the Wafi transfer structure. The size of the footprint (>1 km in diameter) and the tenor of the anomaly (>1 g/t Au) are particularly encouraging and suggest potential for a significant gold deposit.

Further information on our exploration activities is contained in the exploration section commencing on page 12.

**Harmony team**

Hannes Meyer was appointed as financial director designate on 1 August 2009 and officially took over Harmony's financial director's responsibilities from Frank Abbott on 1 November 2009, following his appointment to Harmony's Board as executive director. Hannes is a qualified chartered accountant with more than 14 years' experience in the mining industry. He brings with him vast knowledge and experience of the mining industry from a financial perspective and he has already proven to be an asset to Harmony.

Frank Abbott agreed to continue to serve on the Harmony Board as an executive director for the next 12 months, as from January 2010. Frank will focus on the strategic direction and growth of the company. We are delighted that we have these two individuals on our team and look forward to the contributions they will make.

**Looking ahead**

We will push ahead with the commissioning of our growth projects, in order to bring to account their quality ounces, and we will continue to pursue profitable growth opportunities – organically, by acquisition and through forging strategic partnerships. Our immediate goal remains generating profitable ounces of production and earnings to reward our shareholders, both through dividends and future growth. We have made good progress in this regard, having produced 748 555oz for the six months ended 31 December 2009. We will continue to engage in robust, constructive debate on issues that may affect the South African mining industry – in particular the outrageous power price increases being considered and the nationalisation of the mines.

**Graham Briggs**

**Chief Executive Officer**

**Our strategy:**

**generating sustainable profitable ounces to fund growth and dividends**

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## Safety and health

**Safety**

Harmony continues to focus on sustainable safety improvements. Our management team is committed to ensuring that safety remains a priority at Harmony and to ensure that safety procedures and protocols of the highest standards are implemented at all Harmony's operations. Regrettably, five fatalities were recorded during the quarter under review. Falls of ground and tramming accidents remain the main causes of the accidents.

We are pleased to announce that during the December 2009 quarter, a single digit Lost Time Injury Frequency Rate (LTIFR) was achieved for the fifth consecutive quarter and also improved by 18% on year-to-date figures from 9.35 to 7.64. However, the LTIFR dropped 20% from 6.91 in the previous quarter to 8.30. The Fatality Injury Frequency Rate (FIFR) indicated a remarkable improvement of 38% quarter on quarter from 0.32 to 0.20. However, the year to date figure deteriorated 24% from 0.21 to 0.26. The year to date Reportable injury Frequency Rate (RIFR) improved by 18% when compared to the actual figure for the previous year (from 4.97 to 4.09), but regressed by 29% quarter on quarter (from 3.55 to 4.59).

A significant amount of attention was directed towards safety management during the quarter under review. Management has played a significant role in setting safety objectives and in developing safety strategies that continue to focus on:

- management leading by example;
- involvement of all stakeholders;
- compliance with standards, and the auditing thereof;

**Financial overview**

Cash operating profit was 44.9% higher at R800 million due to a higher average Rand gold price received and lower cash operating costs counteracting the impact of lower gold production and gold sold (excluding ounces from Hidden Valley).

**Earnings per share**

Basic earnings per share increased from a loss of 7 SA cents to earnings of 28 SA cents. Similarly, headline earnings increased from a headline loss of 12 SA cents to headline earnings of 49 SA cents.

This improvement can be attributed to an increase in revenue.

**Revenue**

A 10.6% increase in the average Rand gold price received to R264 774/kg took revenue 8.2% higher to R2 971 million in spite of a 6.2% decrease in gold production to 10 900kg (excluding gold production at Hidden Valley) and a 2.2% decrease in gold sold to 11 224kg (excluding gold sold at Hidden Valley).

**Costs**

Total cash operating costs were 1% lower at R2 172 million due mainly to the lower summer-month electricity tariff applicable. Cash operating unit costs rose by 2% to R192 101/kg due to lower gold production.

- behaviour-based campaigns and initiatives;
- recognition of achievements; and

in situ training, particularly in hazard identification and risk assessment.

Harmony's commitment to zero fatalities is communicated to employees on a regular basis, at every level of the company with a persistent, deliberate and consistent safety awareness effort. We have a comprehensive safety auditing programme (first reported in FY07) in place to assess the physical workplace, compliance with fall of ground regulations, shafts and metallurgical processes (specifically in relation to compliance with the Cyanide Code).

More than 90% of the group's South African workforce participated in formal joint management-worker health and safety committees that participate in occupational health and safety programmes.

The following operations achieved outstanding safety results:

Harmony Total Operations – 1 000 000 fatality free shifts twice during the quarter

Ernest Oppenheimer Hospital – 4 000 000 fatality free shifts

Harmony 2 and Merriespruit 1 and 3 operations as a unit – 2 500 000 fatality free shifts

Randfontein Medical Bureau – 1 250 000 fatality free shifts

Tshepong – 750 000 fatality free shifts

Evander 8 shaft – 2 250 000 fatality free shifts

Free State Surface Operations – 2 000 000 fatality free shifts

#### **Capital expenditure**

Total capital expenditure was 2.5% lower at R892 million. While capital expenditure for the South African operations increased by 6.8% to R711 million, Hidden Valley capital expenditure was 27.3% lower at R181 million due to completion of construction at the site starting to come to an end.

#### **Impairment of assets**

An impairment of R67 million for Evander 2 and 5 shafts and R37 million for Brand 3 shaft were recorded following the decision to place these shafts on care and maintenance.

#### **Security costs**

Security costs increased by 19% to R90.5 million in calendar year 2009, in comparison to calendar year 2008 (R76 million), mainly due to additional measures being put in place to curb criminal mining.

#### **Disposals**

The remaining Avoca shares were disposed of in October 2009 for A\$4.1 million.

#### **Nedbank facility**

The Company entered into loan facilities with Nedbank Limited in December 2009. One being term facility of R900 million and the other a revolving credit facility of R600 million to pay for the acquisition of the Pamodzi Free State assets and to create financial flexibility.



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Results for the second quarter and six months  
ended 31 December 2009

Operational overview

**South African underground operations**

December    September

%

Indicator

2009

2009    Variance

**Tonnes**

**(‘000)**

2 243

2 392

(6)

**Grade**

**(g/t)**

4.51

4.48

1

**Gold produced**

**(kg)**

10 117

10 724

(6)

**Gold produced**

**(oz)**

325 268

344 785

(6)

**Gold sold**

**(kg)**

10 398

10 617

(2)

**Gold sold**

**(oz)**

334 303

341 344

(2)

**Cash operating costs    (R/kg)**

193 544

191 627

(1)

**Operating profit**

**(R’000)**    722 821

483 717

49

**Capital expenditure**

**(R’000)**    682 792

649 561

(5)

**Bambanani**

December    September

%

Indicator

2009

2009    Variance

Tonnes

('000)

123

147

(16)

Grade

(g/t)

7.58

6.44

18

Gold produced

(kg)

932

946

(2)

Gold produced

(oz)

29 964

30 415

(2)

Gold sold

(kg)

969

973

—

Gold sold

(oz)

31 154

31 283

—

Cash operating costs

(R/kg)

179 746

199 533

10

Operating profit

(R'000)

79 969

40 633

97

Capital expenditure

(R'000)

27 906

23 019

(21)

Safety during the quarter was poor. A fall of ground (FOG) fatality was recorded and far-reaching corrective measures were taken as a consequence, including a change in the mining method used in steeply dipping, high-stopping-width panels from breast to down-dip. An 18% improvement in recovered grade to 7.58g/t helped to contain the impact of a 16% drop in volume to 123 000t and gold production was 2% lower at 932kg.

Higher grade resulted both from moving of panels during October 2009 and from the achievement of required volumes from higher-grade panels. Grade is expected to be maintained going forward by moving of crews from low-grade areas to higher-grade areas in the upper shaft.

Lower volume was a consequence both of the aforementioned change in mining method and from generally unsatisfactory performance during December 2009.

Cash costs were 10% lower at R179 746/kg, mainly as a result of lower summer-month electricity tariffs applicable.

A 97% improvement in cash operating profit to R80 million resulted both from a higher Rand gold price received and lower costs.

Capital expenditure was 21% higher, reflecting the growing momentum of the Shaft Pillar Extraction Project.

#### **Doornkop**

	December	September
--	----------	-----------

%		
---	--	--

Indicator		
-----------	--	--

2009		
------	--	--

	2009	Variance
--	------	----------

Tonnes		
--------	--	--

('000)		
--------	--	--

148		
-----	--	--

130		
-----	--	--

14		
----	--	--

Grade		
-------	--	--

(g/t)		
-------	--	--

3.31		
------	--	--

3.85		
------	--	--

(14)		
------	--	--

Gold produced		
---------------	--	--

(kg)		
------	--	--

490		
-----	--	--

500		
-----	--	--

(2)		
-----	--	--

Gold produced		
---------------	--	--

(oz)		
------	--	--

15 754		
--------	--	--

16 075		
--------	--	--

(2)		
-----	--	--

Gold sold		
-----------	--	--

(kg)		
------	--	--

517		
-----	--	--

500
3
Gold sold
(oz)
16 622
16 075
3
Cash operating costs
(R/kg)
198 561
171 476
(16)
Operating profit
(R'000)
31 426
18 536
70
Capital expenditure
(R'000)
78 720
72 766
(8)

Even more focus on safety-related matters resulted in improved procedures, training, maintenance and behaviour. The Doornkop shaft received ISO 14001 accreditation in December 2009, the first Harmony operation to achieve this milestone.

While volume improved by 14% to 148 000t, reflecting a 26% increase in square metres blasted, recovered grade was 14% lower at 3.31g/t, resulting in a 2% decline in gold production to 490kg.

Lower recovered grade was a consequence both of tonnage locked During the quarter, a safety statistics audit conducted by the auditors revealed that under-reporting of accidents took place at Harmony's Phakisa mine during the period August to November 2009. Appropriate measures have been taken to rectify this and to ensure that all accidents are correctly recorded going forward.

#### **Health**

Harmony continues to roll out and invest in initiatives and healthcare programmes to protect the well-being of our employees and improve productivity of the company going forward.

In terms of occupational hygiene, noise and dust, we are pleased to announce that the implementation of personalised hearing protection devices (HPD's) is about 87% completed. The installation of sound attenuators on mechanical loaders has been scheduled and some operations have already begun with the installation process.

Furthermore, Harmony hosted the Chamber of Mines MOSH dust mini-summit on 12 November 2009 in the Free State, which bares testimony to our pro-active initiatives that are recognised by external stakeholders. Also during the quarter under review, the north and south airborne pollutant laboratories were audited by an external authority and we are pleased to announce that we achieved an overall compliance of 97%.

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up underground due to a fire on the main feed conveyor belt to the plant and a plant thickener breakdown.

Cash costs rose by 16% to R198 561/kg, mainly as a result of planned labour build-up to meet the operation's future production profile.

Cash operating profit was 70% higher at R31.4 million however, reflecting the higher Rand gold price received.

While shaft barrel delays at the South Reef Project caused equipping to fall behind, 14 days were gained during the Christmas break and the North and South Rock Winder compartments are now equipped to 212 level. The construction of the 212 level conveyor belt is expected to be completed by February 2010.

#### **Elandsrand**

	December	September
--	----------	-----------

%		
---	--	--

Indicator		
-----------	--	--

2009		
------	--	--

2009	Variance	
------	----------	--

Tonnes		
--------	--	--

('000)		
--------	--	--

235		
-----	--	--

260		
-----	--	--

(10)		
------	--	--

Grade		
-------	--	--

(g/t)		
-------	--	--

5.90		
------	--	--

6.25		
------	--	--

(6)		
-----	--	--

Gold produced		
---------------	--	--

(kg)		
------	--	--

1 387		
-------	--	--

1 625		
-------	--	--

(15)		
------	--	--

Gold produced		
---------------	--	--

(oz)		
------	--	--

44 593		
--------	--	--

52 245		
--------	--	--

(15)		
------	--	--

Gold sold		
-----------	--	--

(kg)		
------	--	--

1 488		
-------	--	--

1 433		
-------	--	--

4		
---	--	--

Gold sold		
-----------	--	--

(oz)		
------	--	--

47 840		
--------	--	--

46 072		
--------	--	--

4		
---	--	--

Cash operating costs		
----------------------	--	--

(R/kg)		
--------	--	--

199 147		
---------	--	--

182 729

(9)

Operating profit

(R'000)

101 047

68 904

47

Capital expenditure

(R'000)

124 700

111 325

(12)

Increased seismicity during the quarter resulted in one fatality and a rise in the number of lost time injuries. As a consequence pre-conditioning of stope faces has been improved to reduce the risk of face ejection resulting from small, volatile seismic events, and a broader range of safety initiatives continue to be applied.

Gold production was 15% lower at 1 387kg, reflecting a 10% decline in volume to 235 000t and a 6% drop in recovered grade to 5.90g/t.

Lower volume resulted from a lack of available face length and from five production shifts lost, three due to a Section 54 instruction following the fatality, one to a power outage caused by a faulty transformer at the Eskom sub-station and one to a compressor breakdown. Lower recovered grade was a consequence of lower face grade, mine call factor and the treatment of low-grade tonnage from a dam clean-up in the plant.

While cash operating costs were 9% higher at R199 147, reflecting lower production, cash operating profit was 47% higher at R101 million due to the improved Rand gold price received.

**Evander**

December    September

%

Indicator

2009

2009    Variance

Tonnes

('000)

245

259

(5)

Grade

(g/t)

4.31

4.78

(10)

Gold produced

(kg)

1 057

1 239

(15)

Gold produced

(oz)  
 33 983  
 39 835  
 (15)  
 Gold sold  
 (kg)  
 1 158  
 1 203  
 (4)  
 Gold sold  
 (oz)  
 37 231  
 38 677  
 (4)  
 Cash operating costs  
 (R/kg)  
 249 411  
 226 699  
 (10)  
 Operating profit  
 (R'000)  
 23 366  
 16 880  
 38  
 Capital expenditure  
 (R'000)  
 54 363  
 51 651  
 (5)

Safety performance was satisfactory at Evander.  
 Volume was 5% lower at 245 000t and recovered grade 10% lower at 4.31g/t, resulting in a 15% decline in gold production to 1 057kg. Lower volume was mainly the result of the closure of Evander 7 shaft in December 2009 and panels stopped at Evander 8 shaft because of high temperatures. Steps to improve ventilation at Evander 8 shaft have been taken. Lower recovered grade resulted primarily from a 5% decline in face grade and in mine call factor.  
 Cash operating costs were 10% higher at R249 411/kg, due mainly to the drop in gold production. Cash operating profit was 38% higher at R23.4 million due to the higher Rand gold price received.  
 The impact of the closure of Evander 2 and 5 shafts in January 2010 will reflect in the operation's results for the quarter ended 31 March 2010.

**Joel**  
 December    September  
 %  
 Indicator  
 2009  
 2009    Variance  
 Tonnes  
 ('000)

112  
 136  
 (18)  
 Grade  
 (g/t)  
 5.28  
 3.79  
 39  
 Gold produced  
 (kg)  
 591  
 515  
 15  
 Gold produced  
 (oz)  
 19 001  
 16 558  
 15  
 Gold sold  
 (kg)  
 615  
 529  
 16  
 Gold sold  
 (oz)  
 19 773  
 17 008  
 16  
 Cash operating costs  
 (R/kg)  
 167 232  
 198 792  
 16  
 Operating profit  
 (R'000)  
 59 429  
 22 944  
 >100  
 Capital expenditure  
 (R'000)  
 32 422  
 17 809  
 (82)

Joel recorded a very satisfactory quarter from a safety perspective, being fatality-free for more than two years.

While volume declined by 18% to 112 000t, recovered grade was 39% higher at 5.28g/t, resulting in a 15% increase in gold production to 591kg.

Lower volume was due to lower tonnes mined in December 2009 arising from a drop in stopping width, raise boring of the extension



**8**

Results for the second quarter and six months

**ended 31 December 2009**

to the lift shaft and a mud rush on the belt level. Higher recovered grade was due to increased face grade in the west, more vamping in the upper mine and reduced stoping widths.

Cash operating costs were 16% lower at R167 232/kg, reflecting higher gold production, lower electricity costs and good stores controls. Cash operating profit was 159% higher at R59.4 million due to higher gold production and an increase in the Rand gold price received.

Capital expenditure increased by 82% from R17.8 million to R32.4 million mainly due to the continued capital being spent on the re-commissioning of Joel plant. Joel plant started treating ore from Joel shaft during the December 2009 quarter.

Raise boring of the lift shaft extension to 129 level has been completed. Cleaning operations are in progress which will be followed by shaft support work and equipping. Completion is expected in September 2010.

**Masimong**

	December	September
%		
Indicator		
2009		
2009	Variance	
Tonnes		
('000)		
235		
234		
-		
Grade		
(g/t)		
5.29		
5.81		
(9)		
Gold produced		
(kg)		
1 242		
1 359		
(9)		
Gold produced		
(oz)		
39 931		
43 693		
(9)		
Gold sold		
(kg)		
1 227		
1 349		
(9)		
Gold sold		

(oz)  
 39 449  
 43 371  
 (9)  
 Cash operating costs  
 (R/kg)  
 142 754  
 137 986

(4)  
 Operating profit  
 (R'000)  
 149 710  
 138 159

8  
 Capital expenditure  
 (R'000)  
 45 014  
 38 866

(16)  
 Masimong reported very good safety results with an improvement in both LTIFR and RIFR.  
 Gold production was 9% lower at 1 242kg. While volume was flat at 235 000t, recovered grade was 9% lower at 5.29g/t due to a drop in B Reef grades. The Basal Reef panels stayed fairly constant and will continue to do so.  
 Cash operating costs were 4% higher at 142 754/kg, a consequence of the lower gold production. Masimong remains the lowest R/kg cost producer in the company, including surface operations. A higher Rand gold price received resulted in an 8% increase in cash operating profit to R149.7 million.  
 Capital was 16% higher at R45.0 million but lower than planned due to the delayed delivery of emergency generators and fridge plant, now scheduled to arrive in the third and fourth quarters of FY10.

**Phakisa**

December    September  
 %

Indicator  
 2009  
 2009    Variance

Tonnes  
 ('000)  
 87  
 71  
 23

Grade  
 (g/t)  
 4.02  
 3.66  
 10

Gold produced  
 (kg)

350
260
35
Gold produced
(oz)
11 253
8 359
35
Gold sold
(kg)
364
268
36
Gold sold
(oz)
11 703
8 616
36
Cash operating costs
(R/kg)
216 006
222 000
3
Operating profit
(R'000)
16 889
5 244
>100
Capital expenditure
(R'000)
137 917
127 689
(8)

Safety indicators deteriorated quarter on quarter, pointing to a need for re-focus.

Gold production rose by 35% to 350kg, reflecting a 23% increase in volume to 87 000t and a 10% improvement in recovered grade to 4.02g/t. Volume, nonetheless, was below expectation as the mine continues to address geological issues and down-time on new infrastructure.

Cash operating costs were 3% lower at R216 006/kg. Higher gold production and a higher Rand gold price received led to a 222% increase in cash operating profit to R16.9 million.

The third railveyor train was commissioned during the December 2009 break, thus completing railveyor infrastructure for full production. Fine-tuning of the Phase 1 infrastructure – in particular, the remaining four ice plants and the rock handling system – continues.

**Target**

December	September
%	

Indicator	
2009	
2009	Variance
Tonnes	
('000)	
191	
193	
(1)	
Grade	
(g/t)	
4.14	
4.71	
(12)	
Gold produced	
(kg)	
791	
909	
(13)	
Gold produced	
(oz)	
25 431	
29 225	
(13)	
Gold sold	
(kg)	
733	
955	
(23)	
Gold sold	
(oz)	
23 566	
30 704	
(23)	
Cash operating costs	
(R/kg)	
182 513	
166 448	
(10)	
Operating profit	
(R'000)	
46 626	
59 779	
(22)	
Capital expenditure	
(R'000)	
76 888	
83 710	
8	

Target recorded two fatalities during the quarter. Fall of ground prevention has become a major focus, and in the narrow reef mining section where seismicity has increased, all panels are now mined

with safety nets installed on the faces.

**9**

While volume was only 1% lower at 191 000t, recovered grade was 12% lower at 4.14g/t compared with the previous quarter's unexpected high of 4.71g/t, resulting in a 13% drop in gold production to 791kg. Contributing to volume stability is improved availability of massive stopes through better planning and design, and the return to production of all 10 narrow reef mining panels following resolution of ventilation and cooling challenges. Ore reserve management (ORM) remains crucial to Target's success going forward; with this in mind, the ORM team has recently undergone further training and development.

Cash operating costs were 10% higher at R182 513/kg as a result of lower grade. Lower electricity, plant and contractor costs and rationalisation of the trackless fleet will assist in reducing costs in future. Cash operating profit was 22% lower at R46.6 million due to lower gold production.

**Tshepong**

December    September

%

Indicator

2009

2009    Variance

Tonnes

('000)

396

418

(5)

Grade

(g/t)

4.27

4.07

5

Gold produced

(kg)

1 692

1 703

(1)

Gold produced

(oz)

54 399

54 753

(1)

Gold sold

(kg)

1 761

1 751

1

Gold sold

(oz)

56 617

56 296

1  
 Cash operating costs  
 (R/kg)  
 162 528  
 168 445

4  
 Operating profit  
 (R'000)  
 176 046  
 127 136

39  
 Capital expenditure  
 (R'000)  
 57 462  
 71 169  
 19

Tshepong was fatality-free for the second consecutive quarter, a notable achievement, and reflective of the success of various safety initiatives.

Gold production was flat at 1 692kg, a 5% increase in recovered grade to 4.27g/t compensating for a 5% decline in volume to 396 000t caused by the shorter December delivery month. Face grade remains a challenge due to mining at the edge of the pay shoot where values are more erratic but improvements carried out to the Harmony 1 Plant are reflected in the higher recovered grade. Cash operating costs were 4% down at R162 528/kg, due mainly to lower electricity costs. This, together with a higher Rand gold price received resulted in a 39% improvement in cash operating profit to R176 million.

Capital expenditure was 19% lower due to less spent on the Sub 71 Decline project and delays in the delivery of the emergency generators.

**Virginia**

December    September  
 %

Indicator  
 2009  
 2009    Variance

Tonnes  
 ('000)  
 471  
 544  
 (13)

Grade  
 (g/t)  
 3.37  
 3.07  
 10

Gold produced  
 (kg)  
 1 585

1 668  
 (5)  
 Gold produced  
 (oz)  
 50 959  
 53 627  
 (5)  
 Gold sold  
 (kg)  
 1 566  
 1 656  
 (5)  
 Gold sold  
 (oz)  
 50 348  
 53 242  
 (5)  
 Cash operating costs  
 (R/kg)  
 241 214  
 249 947  
 3  
 Operating profit  
 (R'000)  
 38 313  
 (14 498)  
 >100  
 Capital expenditure  
 (R'000)  
 47 400  
 51 557  
 8

Virginia Operations recorded one fatality during the quarter, at the Merriespruit 3 shaft.

The Virginia Operations recorded a better quarter, reflecting the impact of restructuring (closure of Brand 3 shaft). While a 10% increase in recovered grade to 3.37g/t did not compensate for a 13% drop in volume to 471 000t and gold production was consequently 5% lower at 1 585kg, cash operating costs were down 3% to R241 214/kg. This, together with a higher Rand gold price received, resulted in a cash operating profit of R38.3 million compared with the previous quarter's R14.5 million loss.



**10**

Results for the second quarter and six months

**ended 31 December 2009**

South African surface operations

December    September

%

Indicator

2009

2009    Variance

**Tonnes**

**(‘000)**

2 292

2 092

10

**Grade**

**(g/t)**

0.34

0.43

(20)

**Gold produced**

**(kg)**

783

891

(12)

**Gold produced**

**(oz)**

25 174

28 646

(12)

**Gold sold**

**(kg)**

826

854

(3)

**Gold sold**

**(oz)**

26 556

27 456

(3)

**Cash operating costs    (R/kg)**

173 447

149 072

(16)

**Operating profit**

**(R’000)**

76 864

68 432

12

**Capital expenditure    (R’000)**

3 763

3 314

(14)

**Kalgold**

December    September

%

Indicator

2009

2009    Variance

Tonnes

('000)

423

452

(6)

Grade

(g/t)

0.83

0.92

(10)

Gold produced

(kg)

350

415

(16)

Gold produced

(oz)

11 253

13 343

(16)

Gold sold

(kg)

393

378

4

Gold sold

(oz)

12 635

12 153

4

Cash operating costs

(R/kg)

185 666

172 831

(7)

Operating profit

(R'000)

32 385

14 758

>100

Capital expenditure

(R'000)

1 786

1 811

1

Kalgold recorded a lost time injury-free quarter.

Gold production was 16% lower at 350kg, reflecting lower volume – down 6% to 423 000t from the September quarter’s exceptional high of 452 000t – and lower recovered grade, down 10% to 0.83g/t. Heavy rain both restricted mining in the open pit and caused oxidised material to form clay, which negatively affected milling efficiency.

Cash operating costs were 7% higher at R185 666/kg, but cash operating profit rose by 119% to R32.4 million due to the higher Rand gold price received.

### Phoenix

	December	September
%		
Indicator		
2009		
2009	Variance	
Tonnes		
(‘000)		
1 522		
1 382		
10		
Grade		
(g/t)		
0.122		
0.117		
4		
Gold produced		
(kg)		
185		
162		
14		
Gold produced		
(oz)		
5 948		
5 208		
14		
Gold sold		
(kg)		
185		
162		
14		
Gold sold		
(oz)		
5 948		
5 208		
14		
Cash operating costs		
(R/kg)		
154 497		
173 827		
11		

## Operating profit

(R'000)

20 617

10 951

88

## Capital expenditure

(R'000)

1 977

1 503

(32)

Gold production increased by 14% to 185kg, reflecting a 10% increase in volume to 1 522 000t, above design capacity of 1 500 000t, and a 4% increase in recovered grade to 0.122g/t.

Improved grade was as a result of mining the Brand A dam's higher-grade bottom strip.

Cash operating costs were 11% lower at R154 497/kg, and a range of measures are in process to reduce costs further. Cash operating profit was 88% higher at R20.6 million due to higher production, lower costs and a higher Rand gold price received.

**Rock dumps**

December    September

%

Indicator

2009

2009    Variance

Tonnes

('000)

347

258

35

Grade

(g/t)

0.71

1.22

(41)

Gold produced

(kg)

248

314

(21)

Gold produced

(oz)

7 973

10 095

(21)

Gold sold

(kg)

248

314

(21)

Gold sold

(oz)

7 973

10 095

(21)

Cash operating costs

(R/kg)

170 339

104 898

(62)

Operating profit

(R'000)

23 862

42 723

(44)

No accidents were reported for the quarter.

While volume increased by 35% to 347 000t, grade was 41% lower at 0.71g/t. Gold production was 21% lower however, mainly because 93kg of gold from the Winkelhaak plant mill clean-up was reported in the September quarter.

Cash operating costs were substantially higher in the quarter under review as a consequence at R170 339/kg, and cash operating profit was 44% lower at R23.9 million.

## 11

### Development

**Note:** The ore reserve block grades reflect the grades of the blocks in the life of mine plans of the various operations. Those blocks are to a large degree

the blocks above a certain cut off grade that has been targeted for mining. The development grades are the grades as sampled in the ongoing

on-reef development at the operations and no selectivity has been applied from a grade point of view.

### **Bambanani**

The Bambanani ore reserve grade is to a large degree a reflection of the future extraction of the high grade Basal Reef shaft pillar. All the on reef development is currently taking place in the sub-shaft area where the grades are lower than the average reserve grade. There has however been an improvement in the quarter to quarter development grades in line with expectations. No on-reef development was planned in the high grade shaft pillar during the quarter.

### **Doornkop**

There was a further quarter on quarter increase in the South Reef development grades and it is in line with the reserve grade. There was however a quarter on quarter drop in the grade in the Kimberley reef due to facies changes as well as partial exposure of the channel in certain areas.

### **Elandsrand**

Good grades in line with expectations were intersected in both the old and new mine resulting in a quarter on quarter improvement in development grade.

### **Evander**

There was a significant quarter on quarter improvement in grade as the raises advanced from the edge of the payshoot into the payshoot. Increase in grades expected to continue.

### **Joel**

Most of the on reef development is directed towards 129 level in the form of winzes (down dip on reef development). Good grades continues to be intersected which resulted in an increase in quarter on quarter development grades. The rolling four-quarter development grade remains higher than the reserve grade.

### International operations

#### **Hidden Valley**

Harmony's 50% share of gold production for the quarter was 21 514 ounces. Construction of the 5km overland conveyor linking the Hidden Valley pit with the processing plant was completed during the quarter.

The processing plant ramp up continued during the quarter with ore sourced from the Hamata and Hidden Valley pits and mill throughput reaching 85% of design capacity in December. The processing plant is expected to reach full production during the March 2010 quarter following commissioning of the flotation circuit.

Hidden Valley will be fully commissioned for mining and process throughput by the end of January 2010 but the process plant profile for full recovery of both gold and silver will not be finalised until the end of February. The original design capacity for the Hidden Valley mine and processing plant will be achieved during the fourth quarter

of FY10.

**Ore Reserve Block Grades v Development Grades**

Ore Reserve block grade

(cmg/t)

Rolling 4 quarter average

development grade

(cmg/t)

Current quarter

development grade

(cmg/t)

## 12

Results for the second quarter and six months

**ended 31 December 2009**

Exploration

### **Evander 6 shaft and Twistdraai (Joint Venture with Taung)**

Harmony's objective for these areas is to complete a bankable feasibility study of the two areas within five years. As soon as we have received permission from the Department of Mineral Resources (DMR) to begin the surface drilling, we will commence with the drilling process.

A study entailing a detailed mine plan and schedule of the Evander 6 shaft was completed during the quarter. The purpose of the study is to optimise the extraction of the orebody and improve the project financials.

### **Evander South surface drilling**

Good progress was made with the drilling programme during the quarter. A total of 1 420 metres were drilled and the drilling was completed in October 2009. A total of 24 671 metres were drilled, which was 2% above the planned 24 072 metres. Demobilisation of rigs and rehabilitation of the drilling sites concluded the drilling programme. Costs were 3% under budget.

Pleasing sampling results for 15 boreholes were received during the quarter. A preliminary update of the geological (datamine) model using the results obtained to date was completed towards the end of December 2009.

### **Poplar**

The Poplar project refers to the region in the north of the Evander basin. We plan to continue with the drilling programme and to re-evaluate the ore resource.

The Phase 1 programme will involve the drilling of 25 holes (19 500 m).

Eight holes from the previous programme, which had been piloted, will be re-drilled (7 800 m) and a further 17 holes (11 700 m) drilled.

The programme is scheduled to take 12 months to complete.

### **Waste Metres / Reef Metres / Ave cmg/t**

#### **Masimong**

Masimong had a disappointing quarter in terms of on-reef development due to an underperformance on the 'B' Reef drives and the grades in the Basal Reef development also being below expectation.

#### **Phakisa**

The on reef development is still close to the shaft in the lower-grade southern areas. Grades have however improved quarter on quarter and will further improve as the development progress towards the north and more reef is exposed within the major north west- to south east-trending Basal Reef payshoot.

#### **Target (narrow reef mining)**

Development sampling is reported only on those raises being developed for "gold" as distinct from those raises developed on selected horizons to "de-stress" future massive stopes. Figures represent only 35 metres (7 sections) of Raise and these values are not really representative of the narrow reef grade, nor indeed of the



mine as a whole. It is important to note that, after a period of limited raise development, raise metres are on the increase at Target and next quarter's results ought to be a little more representative.

**Tshepong**

There was a quarter on quarter decrease in development grades as a large proportion of the on-reef development is currently taking place on the edges of the Tshepong payshoot. The development grade is expected to improve as new raise lines becomes available within the deeper extension of the payshoot in the Sub 66 and Sub 71 decline areas and the B reef development moves into high grade channels.

**Virginia**

In general, the development at Unisel produced good results, especially on the Basal reef and Leader reef development. Middle reef grades were disappointing due to areas of increased channelisation that was intersected The development grades were lower than expected at Merriespruit and Harmony 2.

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### **Joel North surface drilling – exploration progress**

The current surface drilling programme at Joel North involves drilling six holes to a depth of between 1 300m and 1 400m to the north of the current Joel mine workings to allow an upgrade of the resource between 129 level and 137 level.

During the quarter, a fourth diamond drilling machine was brought on site. LB24 was completed in November 2009 with five deflections having been drilled. LB23 has also intersected reef and the deflections are now being drilled. LB23 is expected to be completed by the end of January 2010, whilst LB25 and LB27 will be finished early in February 2010. LB22 and LB28 will continue into March 2010. The programme is about 70% complete and projected completion is scheduled for April 2010.

### **Project Saints**

Project Saints entails the re-treating of surface tailings in the Free State at a rate of 1 million tonnes per month. During the quarter a final feasibility gate-keeping session was held to consider the outstanding items from the previous feasibility gate-keeping. Re-drilling where necessary was completed, assays received and the models were updated.

### **Phoenix expansion**

The current Phoenix project (Saaiplaas plant) has been operating for almost three years and involves the re-treating of 500 000 tpm of tailings. It is planned to increase the tonnage throughput at Phoenix by 400 000 tpm to 900 000 tpm. At the increased throughput rate, the life of the project is 12 years after which deposition capacity will run out. Further resources will be available to be treated if more deposition capacity is permitted within this 12-year period.

### **Project Libra**

With regards to Project Libra, the re-treating of surface tailings at a rate of 1 million tonnes per month from the Winkelhaak, Leslie and Kinross tailings dams at Evander, the start of the Environmental Impact Assessment (EIA) study has been postponed due to a final tailings deposition site not having been determined.

During the quarter under review dams were re-drilled and the samples assayed. These processes are continuing. Final assay and recovery results are due and thereafter the optimal way to mine the dams will be determined and a production schedule drawn up.

### **Project TPM**

During the quarter, the pilot flotation plant was erected and commissioned. The primary aim of the plant is to confirm sulphur recoveries and to optimise the reagent suite for the proposed TPM plant using live feed from the Harmony 1 plant.

Good progress on the EIA, which is due for submission in March 2010, was made during the December 2009 quarter. Furthermore, a comprehensive set of procedures pertaining to uranium sampling and assaying was also completed.

The only outstanding aspect of the pre-feasibility study is the declaration of a resource and reserve. An application for capital to proceed with the feasibility study and demonstration plant has been put forward. The feasibility study will develop and present a comprehensive and detailed description of the final optimised process and plant design for the project.

#### **St Helena 10 shaft**

This project involves the re-opening of St Helena 10 shaft. During the December quarter, the block plans incorporating the faulting structure were prepared and a two dimensional model built.

A mining schedule was drawn up and more accurate capital and operating costs were determined.

Harmony's application for power at St Helena 8 and 10 shafts was approved by Eskom during the quarter under review. We have submitted an amended EMP to the DMR and are awaiting a response.

#### **Exploration – Morobe JV (50%)**

Morobe JV drilling during the quarter included testing of priority target areas at Wafi-Golpu and ongoing resource definition at Hidden Valley.

#### **Wafi**

At Wafi, drilling continued testing the epithermal gold mineralisation at the Northern margin of the diatreme. Significant results include:

- **WR318:**

21.8m @ 1.45g/t Au, 9.02g/t Ag from 66m

17.8m @ 1.0g/t Au, 5.22g/t Ag from 110.2m

58m @ 1.07g/t Au, 5.27g/t Ag from 140m

35m @ 1.02g/t Au, 1.9g/t Ag from 304m

Also at Wafi, drilling at Miapilli to determine the extent and source of the porphyry mineralisation continued with 2 holes completed during the quarter.

#### **Golpu West**

Discovery drilling on the Golpu West prospect in PNG identified a new zone of high grade porphyry copper gold mineralisation adjacent to the existing Golpu resource. The intercepts include average gold and copper grades significantly higher than the Golpu resource.

The extent of the Golpu West mineralisation remains open and the existing resource is expected to grow significantly.

At Golpu, discovery drilling identified a new zone of high grade porphyry copper gold mineralisation west of the existing Golpu resource. Significant intercepts at Golpu West include:

– WR321: 331m @ 0.51g/t Au & 0.93% Cu from 694m including 155m @ 0.88g/t Au & 1.5% Cu from 868m

– WR327A: 478.4m @ 0.85g/t Au & 1.36% Cu from 506m including 155m @ 1.47g/t Au & 2.29% Cu from 691m

– WR328: 597m @ 0.57g/t Au & 0.96% Cu from 399m including 198m @ 1.13g/t Au & 1.88% Cu from 788m

The extent of Golpu West mineralisation remains open. Golpu West is located off the western margin of the Golpu orebody, outside of existing resource limits. Drilling to define the geometry and extent of mineralisation is ongoing.

Also at Golpu, drilling has commenced at Golpu Deeps to test the extent of the Golpu mineralisation at depth.

**14**

Financial review for the second quarter and six months  
**ended 31 December 2009**

**15**

Operating results

(Rand/Metric)

Underground production – South Africa

Surface production – South Africa

Total SA

Total SA

South Africa

Harmony

Bambanani

Doornkop

Elandsrand

Evander

Joel

Masimong

Phakisa

Target Tshepong

Virginia

Underground

Kalgold

Phoenix

Dumps

Surface

Other

Total

PNG\*

Total

**Ore milled**

**– t'000**

**Dec-09**

**123**

**148**

**235**

**245**

**112**

**235**

**87**

**191**

**396**

**471**

**2 243**

**423**

**1 522**

**347**

**2 292**

**–**

**4 535**

**–**

**4 535**

Sep-09

147

130

260

259

136

234

71

193

418

544

2 392

452

1 382

258

2 092

–

4 484

–

4 484

**Gold produced**

– kg

**Dec-09**

**932**

**490**

**1 387**

**1 057**

**591**

**1 242**

**350**

**791**

**1 692**

**1 585**

**10 117**

**350**

**185**

**248**

**783**

–

**10 900**

**669**

**11 569**

Sep-09

946

500

1 625

1 239

515

1 359

260

909  
1 703  
1 668  
10 724  
415  
162  
314  
891  
—  
11 615  
99  
11 714

**Yield**

**— g/tonne Dec-09**

**7.58**  
**3.31**  
**5.90**  
**4.31**  
**5.28**  
**5.29**  
**4.02**  
**4.14**  
**4.27**  
**3.37**  
**4.51**  
**0.83**  
**0.12**  
**0.71**  
**0.34**

—  
**2.40**

—  
**2.40**

Sep-09

6.44  
3.85  
6.25  
4.78  
3.79  
5.81  
3.66  
4.71  
4.07  
3.07  
4.48  
0.92  
0.12  
1.22  
0.43

—  
2.59

–  
 2.59  
**Cash operating costs**  
 – R/kg  
**Dec-09**  
 179 746  
 198 561  
 199 147  
 249 411  
 167 232  
 142 754  
 216 006  
 182 513  
 162 528  
 241 214  
 193 544  
 185 666  
 154 497  
 170 339  
 173 447  
 –  
 192 101  
 –  
 192 101  
 Sep-09  
 199 533  
 171 476  
 182 729  
 226 699  
 198 792  
 137 986  
 222 000  
 166 448  
 168 445  
 249 947  
 191 627  
 172 831  
 173 827  
 104 898  
 149 072  
 –  
 188 362  
 –  
 188 362  
**Cash operating costs**  
 – R/tonne Dec-09  
 1 362  
 657  
 1 175  
 1 076  
 882



754  
869  
756  
694  
812  
873  
154  
19  
122  
59  
-  
462  
-  
462  
Sep-09  
1 284  
660  
1 142  
1 084  
753  
801  
813  
784  
686  
766  
859  
159  
20  
128  
63  
-  
488  
-  
488  
**Gold sold**  
**- kg**  
**Dec-09**  
969  
517  
1 488  
1 158  
615  
1 227  
364  
733  
1 761  
1 566  
10 398  
393  
185  
248

826

-

11 224

416

11 640

Sep-09

973

500

1 433

1 203

529

1 349

268

955

1 751

1 656

10 617

378

162

314

854

-

11 471

-

11 471

**Revenue**

**(R'000)**

**Dec-09**

**256 264**

**138 750**

**391 228**

**308 338**

**163 340**

**324 391**

**96 375**

**195 183**

**465 169**

**414 601**

**2 753 639**

**102 880**

**49 199**

**66 106**

**218 185**

-

**2 971 824**

-

**2 971 824**

Sep-09

233 738

120 432

349 650

290 373  
127 680  
323 889  
64 293  
219 345  
420 604  
398 125  
2 548 129  
83 694  
39 111  
75 661  
198 466

—  
2 746 595

—  
2 746 595

**Cash operating costs (R'000)**

**Dec-09**

**167 523**  
**97 295**  
**276 217**  
**263 627**  
**98 834**  
**177 301**  
**75 602**  
**144 368**  
**274 997**  
**382 324**  
**1 958 088**  
**64 983**  
**28 582**  
**42 244**  
**135 809**

—  
**2 093 897**

—  
**2 093 897**

Sep-09

188 758  
85 738  
296 935  
280 880  
102 378  
187 523  
57 720  
151 301  
286 862  
416 911  
2 055 006  
71 725  
28 160

32 938  
 132 823  
 –  
 2 187 829  
 –  
 2 187 829

**Inventory movement (R'000)**

**Dec-09**

**8 772**  
**10 029**  
**13 964**  
**21 345**  
**5 077**  
**(2 620)**  
**3 884**  
**4 189**  
**14 126**  
**(6 036)**  
**72 730**  
**5 512**

–  
 –  
**5 512**  
 –  
**78 242**

–  
**78 242**

Sep-09

4 347  
 16 158  
 (16 189)  
 (7 387)  
 2 358  
 (1 793)  
 1 329  
 8 265  
 6 606  
 (4 288)  
 9 406  
 (2 789)

–  
 –  
 (2 789)  
 –  
 6 617

–  
 6 617

**Operating costs**

**(R'000)**

**Dec-09**

**176 295**

107 324  
290 181  
284 972  
103 911  
174 681  
79 486  
148 557  
289 123  
376 288  
2 030 818  
70 495  
28 582  
42 244  
141 321

—  
2 172 139

—  
2 172 139

Sep-09  
193 105  
101 896  
280 746  
273 493  
104 736  
185 730  
59 049  
159 566  
293 468  
412 623  
2 064 412  
68 936  
28 160  
32 938  
130 034

—  
2 194 446

—  
2 194 446

**Cash operating profit  
(R'000)**

**Dec-09**  
79 969  
31 426  
101 047  
23 366  
59 429  
149 710  
16 889  
46 626  
176 046  
38 313

**722 821**  
**32 385**  
**20 617**  
**23 862**  
**76 864**  
 -  
**799 685**  
 -  
**799 685**  
 Sep-09  
 40 633  
 18 536  
 68 904  
 16 880  
 22 944  
 138 159  
 5 244  
 59 779  
 127 136  
 (14 498)  
 483 717  
 14 758  
 10 951  
 42 723  
 68 432  
 -  
 552 149  
 -  
 552 149  
**Capital expenditure**  
**(R'000)**  
**Dec-09**  
**27 906**  
**78 720**  
**124 700**  
**54 363**  
**32 422**  
**45 014**  
**137 917**  
**76 888**  
**57 462**  
**47 400**  
**682 792**  
**1 786**  
**1 977**  
 -  
**3 763**  
**24 793**  
**711 348**      **180 559**  
**891 907**  
 Sep-09

23 019  
72 766  
111 325  
51 651  
17 809  
38 866  
127 689  
83 710  
71 169  
51 557  
649 561  
1 811  
1 503  
—  
3 314  
13 456  
666 331  
248 784  
915 115

\* Production and sales statistics for Hidden Valley are shown for information purposes. The mine is in a build-up phase and revenue and cost are currently capitalised until commercial levels of production are reached.

**16**

Results for the second quarter and six months

**ended 31 December 2009**

CONDENSED CONSOLIDATED INCOME STATEMENT (Rand)

Quarter ended

Six months ended

Year ended

31 December 30 September 31 December<sup>1</sup>31 December 31 December<sup>1</sup>

30 June

2009

2009

2008

2009

2008

2009

(Unaudited)

(Unaudited)

(Unaudited)

(Audited)

Note

R million

R million

R million

R million

R million

R million

**Continuing operations**

2 971

2 747

3 146

5 718

5 828 11 496

Cost of sales

2

(2 656)

(2 604)

(2 385)

(5 260)

(4 762) (9 836)

Production cost

(2 172)

(2 195)

(2 033)

(4 367)

(3

907) (7 657)

Amortisation and depreciation

(321)

(350)

(310)

(671)

(618) (1 467)

(Impairment)/reversal of impairment

of assets

(104)

–

1

(104)

(151) (484)

Employment termination and

restructuring costs

(3)

–

(16)

(3)

(28) (39)

Other items

(56)

(59)

(27)

(115)

(58) (189)

**Gross profit****315****143****761****458****1****066 1 660**

Corporate, administration and

other expenditure

(116)

(88)

(92)

(204)

(183) (362)

Exploration expenditure

(50)

(60)

(85)

(110) (137) (289)



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Profit/(loss) on sale of property, plant and equipment		3	1	(80)		
4	459	965				
Other (expenses)/income – net		(20)	(73)	159		
(93)	145	(101)				
<b>Operating profit/(loss)</b>		<b>132</b>	<b>(77)</b>	<b>663</b>	<b>55</b>	<b>1</b>
<b>350</b>	<b>1 873</b>					
Profit/(loss) from associates	25	31	(52)	56	(51)	12
Profit on sale of investment in associate	–	–	–	1	1	
Impairment of investment in associate						
(112)	(112)					
Fair value movement of listed investments				(116)		
(116)	(101)					
Profit on sale of listed investments		3	2	–	5	
–	–					
Impairment of investments			(2)	–	(2)	
–	–					
Investment income		54	71	107	125	
185	444					
Finance cost		(37)	(35)	(63)	(72)	
(149)	(212)					
<b>Profit/(loss) before taxation</b>		<b>177</b>	<b>(10)</b>	<b>539</b>	<b>167</b>	
<b>1 108</b>	<b>1 905</b>					
Taxation		(59)	(19)	(217)	(78)	
(454)	(196)					
<b>Net profit/(loss) from continuing operations</b>		<b>118</b>	<b>(29)</b>	<b>322</b>	<b>89</b>	
<b>654</b>	<b>1 709</b>					
<b>Discontinued operations</b>	3					
Profit from discontinued operations		–	–	994	–	1
064	1 218					
<b>Net profit/(loss)</b>		<b>118</b>	<b>(29)</b>	<b>1 316</b>	<b>89</b>	<b>1</b>
<b>718</b>	<b>2 927</b>					
Earnings/(loss) per ordinary share (cents)	4					
– Earnings/(loss) from continuing operations		28	(7)	80		
21	161	413				
– Earnings from discontinued operations		–	–	244	–	
263	294					
<b>Total earnings/(loss) per ordinary share (cents)</b>		<b>28</b>	<b>(7)</b>	<b>324</b>	<b>21</b>	
<b>424</b>	<b>707</b>					
Diluted earnings/(loss) per ordinary share (cents)	4					
– Earnings/(loss) from continuing operations		28	(7)	79		
21	161	411				
– Earnings from discontinued operations		–	–	244	–	
261	293					
<b>Total diluted earnings/(loss) per ordinary share (cents)</b>		<b>28</b>	<b>(7)</b>	<b>323</b>	<b>21</b>	

**422**

**704**

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

<sup>1</sup> The comparative figures are re-presented due to Mount Magnet being reclassified as part of continuing operations. See note 3 in this regard.

<b>17</b>		
CONDENSED CONSOLIDATED STATEMENT OF OTHER COMPREHENSIVE INCOME (Rand)		
Quarter ended		
Six months ended		
Year ended		
31 December	30 September	31 December
31 December	31 December	
30 June		
2009		
2009		
2008		
2009		
2008		
2009		
(Unaudited)		
(Unaudited)		
(Unaudited)		
(Audited)		
R million		
R million		
R million		
R million		
R million		
R million		
<b>Net profit/(loss) for the period</b>		
<b>118</b>		
<b>(29)</b>		
<b>1 316</b>		
<b>89</b>		
<b>1 718</b>		
<b>2 927</b>		
Attributable to:		
Owners of the parent		
118		
(29)		
1 316		
89		
1 718		
2 927		
Non-controlling interest		
–		
–		
–		
–		
–		
–		
Other comprehensive (loss)/income for the period, net of income tax		
(51)		
15		
(115)		

(36)	
(27)	
(450)	
Foreign exchange translation	
(57)	
19	
(208)	
(38)	
(89)	
(497)	
Mark-to-market of available-for-sale investments	
6	
(4)	
93	
2	
62	
47	
<b>Total comprehensive income/(loss) for the period</b>	
<b>67</b>	
<b>(14)</b>	
<b>1 201</b>	
<b>53</b>	
<b>1 691</b>	
<b>2 477</b>	
Attributable to:	
Owners of the parent	
67	
(14)	
1 201	
53	
1 691	
2 477	
Non-controlling interest	
—	
—	
—	
—	
—	
—	

**18**

Results for the second quarter and six months

**ended 31 December 2009**

CONDENSED CONSOLIDATED BALANCE SHEET (Rand)

At

At

At

At

31 December

30 September

30 June

31 December

2009

2009

2009

2008

(Unaudited)

(Audited)

Note

R million

R million

R million

R million

**ASSETS**

**Non-current assets**

Property, plant and equipment

28 862

28 457

27 912

27 786

Intangible assets

2 217

2 218

2 224

2 223

Restricted cash

167

165

161

169

Restricted investments

1 697

1 668

1 640

1 567

Investments in financial assets

20

39

57

28

Investments in associates

385									
360									
329									
228									
Inventories									
5									
77									
–									
–									
–									
Trade and other receivables									
74									
72									
75									
56									
33 499									
32 979									
32 398									
32 057									
<b>Current assets</b>									
Inventories				5	1 103		1 147		1
035	898								
Income and mining taxes					55		45		
45	108								
Trade and other receivables					1 108		838		
885	2 732								
Restricted cash				6	280		–		
–	–								
Cash and cash equivalents					808		1 094		1
950	1 645								
3 354	3 124	3 915	5 383						
Assets of disposal groups classified as held-for-sale				3	–		–		
–	407								
3 354	3 124	3 915	5 790						
<b>Total assets</b>					<b>36 853</b>		<b>36 103</b>		<b>36</b>
<b>313</b>	<b>37 847</b>								
<b>EQUITY AND LIABILITIES</b>									
<b>Share capital and reserves</b>									
Share capital					28 096		28 093		28
091	27 126								
Other reserves					375		388		
339	671								
Retained earnings/(accumulated loss)					971		853		1
095	(114)								
29 442	29 334	29 525	27 683						
<b>Non-current liabilities</b>									
Deferred Tax					3 317		3 265		3
251	3 699								
Provision for environmental rehabilitation					1 612		1 564		1
530	1 189								

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Retirement benefit obligation and other provisions				167		166
166	153					
Borrowings			7	565		108
110	188					
5 661	5 103	5 057	5 229			
<b>Current liabilities</b>						
Borrowings			7	460		260
252	2 671					
Trade and other payables				1 279		1 385
460	1 613					1
Income and mining taxes				11		21
19	273					
1 750	1 666	1 731	4 557			
Liabilities of disposal groups classified as held-for-sale				3	–	–
–	378					
1 750	1 666	1 731	4 935			
<b>Total equity and liabilities</b>				<b>36 853</b>	<b>36 103</b>	<b>36</b>
<b>313</b>	<b>37 847</b>					
Number of ordinary shares in issue				426 079 492		426 024 653
836	417 637 697					425 986
Net asset value per share (cents)				6 910		6 886
931	6 628					6

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

**19**

CONDENSED CONSOLIDATED STATEMENT OF CHANGES IN EQUITY (Rand)

Retained earnings/			
Share			
Other (accumulated capital reserves loss)			
Total			
Note			
R million			
R million			
R million			
R million			
Balance – 30 June 2009			
28 091			
339			
1 095			
29 525			
Issue of shares			
5			
–			
–			
5			
Share-based payments			
–			
72			
–			
72			
Comprehensive income for the period			
–			
(36)			
89			
53			
Dividends paid			
8			
–			
–			
(213)			
(213)			
<b>Balance as at 31 December 2009</b>			
<b>28 096</b>			
<b>375</b>			
<b>971</b>			
<b>29 442</b>			
Balance - 30 June 2008	25 895	676	(1
832) 24 739			
Issue of shares	1 231	–	
– 1 231			



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Share-based payments		–	22	
–	22			
Comprehensive income for the period		–	(27)	1
718	1 691			
<b>Balance as at 31 December 2008</b>		<b>27 126</b>	<b>671</b>	
<b>(114)</b>	<b>27 683</b>			

**20**

Results for the second quarter and six months

**ended 31 December 2009**

CONDENSED CONSOLIDATED CASH FLOW STATEMENT (Rand)

Quarter ended

Six months ended

Year ended

31 December    30 September    31 December

31 December    31 December

30 June

2009

2009

2008

2009

2008

2009

(Unaudited)

(Unaudited)

(Unaudited)

(Audited)

R million

R million

R million

R million

R million

R million

**Cash flow from operating activities**

Cash generated by operations

183

225

1 155

408

1 825

2 813

Interest and dividends received

52

68

112

120

194

457

Interest paid

(11)

(9)

(62)

(20)

(174)

(280)

Income and mining taxes paid

(34)

(25)

(142)  
(59)  
(143)  
(704)  
Cash generated by operating activities  
190  
259  
1 063  
449  
1 702  
2 286  
**Cash fl ow from investing activities**  
(Increase)/decrease in restricted cash  
(283)  
(3)  
13  
(286)  
(90)  
(83)  
Net proceeds on disposal of listed investments  
29  
15  
—  
44  
—  
—  
Net (additions to)/disposal of property,  
plant and equipment  
(890)  
(907)  
(840)  
(1 797)  
(42)  
979  
Other investing activities  
(3)  
8  
64  
5  
74  
(79)  
Cash (utilised)/generated by investing activities  
(1 147)  
(887)  
(763)  
(2 034)  
(58)  
817  
**Cash fl ow from fi nancing activities**  
Borrowings raised  
686

-
-
686
-
-
Borrowings repaid
(18)
(7)
(698)
(25)
(1 286)
(3 738)
Ordinary shares issued – net of expenses
3
2
980
5
988
1 953
Dividends paid
-
(213)
-
(213)
-
-
Cash generated/(utilised) by fi nancing activities
671
(218)
282
453
(298)
(1 785)
<b>Foreign currency translation adjustments</b>
-
<b>(10)</b>
<b>(122)</b>
<b>(10)</b>
<b>(115)</b>
<b>217</b>
Net (decrease)/increase in cash and cash equivalents
(286)
(856)
460
(1 142)
1 231
1 535
Cash and cash equivalents – beginning of period
1 094
1 950
1 186

1 950

415

415

**Cash and cash equivalents – end of period**

**808**

**1 094**

**1 646**

**808**

**1 646**

**1 950**

**21**

NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS  
FOR THE PERIOD ENDED 31 DECEMBER 2009

**1.**

**Accounting policies**

Basis of accounting

The condensed consolidated interim financial statements for the period ended 31 December 2009 have been prepared using accounting

policies that comply with International Financial Reporting Standards (IFRS), which are consistent with the accounting policies used in the

audited annual financial statements for the year ended 30 June 2009. These condensed consolidated interim financial statements are

prepared in accordance with IAS 34, Interim Financial Reporting, and in the manner required by the Companies Act of South Africa. They

should be read in conjunction with the annual financial statements for the year ended 30 June 2009.

**2.**

**Cost of sales**

Quarter ended

Six months ended

Year ended

31 December 30 September 31 December<sup>1</sup>

31 December 31 December<sup>1</sup>

30 June

2009

2009

2008

2009

2008

2009

(Unaudited)

(Unaudited)

(Unaudited)

(Audited)

R million

R million

R million

R million

R million

R million

Production costs

2 172

2 195

2 033

4 367

3 907

7 657

Amortisation and depreciation

321

350

310

671

618
1 467
Impairment/(reversal of impairment) of assets
104*
—
(1)
104*
151
484
Provision for rehabilitation costs
4
4
3
8
10
21
Care and maintenance cost of restructured shafts
13
21
14
34
25
53
Employment termination and restructuring costs
3
—
16
3
28
39
Share-based payments
38
34
9
72
22
113
Provision for post-retirement benefits
1
—
1
1
1
2
<b>Total cost of sales</b>
<b>2 656</b>
<b>2 604</b>
<b>2 385</b>
<b>5 260</b>
<b>4 762</b>
<b>9 836</b>

<sup>1</sup> The comparative figures are re-presented due to Mount Magnet being reclassified as part of continuing operations. See note 3 in this regard.

\*The impairment recorded in the December 2009 quarter relates to Brand 3 and Evander 2 and 5, which have been placed on care and maintenance.

**3.**

**Disposal groups classified as held-for-sale and discontinued operations**

Following approval by the Board of Directors in April 2007, the assets and liabilities related to Mount Magnet ( an operation in Australia) were classified as held-for-sale. This operation also met the criteria to be classified as discontinued operations in terms of IFRS 5. During the June 2009 quarter, it was decided that further drilling at the site to define the orebody would enhance the selling potential of the operation. As a result, the operation no longer met the requirements of IFRS 5 to be classified as held-for-sale, and was therefore reclassified as continuing operations again. Consequently, the income statements and earnings per share amounts for all comparative periods have been re-presented taking this change into account.

**4.**

**Earnings/(loss) per ordinary share**

Earnings/(loss) per ordinary share is calculated on the weighted average number of ordinary shares in issue for the quarter ended 31 December 2009: 425.9 million (30 September 2009: 425.9 million, 31 December 2008: 406.8 million), and the six months ended 31 December 2009: 425.9 million (31 December 2008: 405.0 million) and the year ended 30 June 2009: 414.1 million. The fully diluted earnings/(loss) per ordinary share is calculated on weighted average number of diluted ordinary shares in issue for the quarter ended 31 December 2009: 427.5 million (30 September 2009: 427.2 million, 31 December 2008: 409.1 million), and the six months ended 31 December 2009: 427.4 million (31 December 2008: 407.1 million) and the year ended 30 June 2009: 416.0 million.



**22**

Results for the second quarter and six months

**ended 31 December 2009**

Quarter ended

Six months ended

Year ended

31 December 30 September 31 December<sup>1</sup> 31 December 31 December<sup>1</sup>

30 June

2009

2009

2008

2009

2008

2009

(Unaudited)

(Unaudited)

(Unaudited)

(Audited)

**Total earnings/(loss) per  
ordinary share (cents):**

Basic earnings/(loss)

28

(7)

324

21

424

707

Fully diluted earnings/(loss)

28

(7)

323

21

422

704

Headline earnings/(loss)

49

(12)

121

37

145

262

– from continuing operations

49

(12)

98

37

105

239

– from discontinued operations

–

–

23

–

40

23

R million

R million

R million

R million

R million

R million

**Reconciliation of headline earnings/(loss):**

**Continuing operations**

Net profit/(loss)

118

(29)

322

89

654

1 709

Adjusted for (net of tax):

(Profit)/loss on sale of property, plant and equipment

(2)

(1)

78

(3)

(490)

(975)

Profit on sale of listed investments

(3)

(1)

–

(4)

–

–

Fair value movement of listed investments

–

–

–

–

–

71

Foreign exchange gain reclassified from equity

–

(22)

–

(22)

–

(384)

Profit on sale of associate

–

–

—  
—  
—  
(1)  
Impairment of investment in associates  
—  
—  
—  
—  
112  
112  
Impairment of investments  
—  
2  
—  
2  
—  
—  
Impairment/(reversal of impairment)  
of property, plant and equipment  
94  
—  
(1)  
94  
151  
457  
**Headline earnings/(loss)**  
**207**  
**(51)**  
**399**  
**156**  
**427**  
**989**  
**Discontinued operations**  
—  
—  
994  
—  
1 064  
1 218  
Adjusted for (net of tax):  
Profit on sale of property, plant and equipment  
—  
—  
(901)  
—  
(901)  
(1 121)  
**Headline earnings**  
—  
—

93

-

163

97

**Total headline earnings/(loss)**

207

(51)

492

156

590

**1 086**

<sup>1</sup> The comparative figures are re-presented due to Mount Magnet being reclassified as part of continuing operations. See note 3 in this regard.

**5.**

**Inventories**

During the quarter ended 31 December 2009, the Group concluded two separate purchase agreements with Pamodzi Gold Free State (Proprietary) Limited (In Provisional Liquidation) (Pamodzi), for the purchase of a waste rock dump and a gold plant to the value of R120 million. The Group's intention is to break up the plant and extract the gold in lock-up. The portion of inventory that is expected to be recovered more than twelve months after balance sheet date has been classified as non-current.

**6.**

**Restricted cash**

The Group entered into two separate purchase agreements with Pamodzi for the purchase of Pamodzi's Free State North and South Assets for a total consideration of R280 million. The Group had an obligation in terms of the North and South agreements to pay, at the conclusion of the later of the waste rock dump and plant agreements, an amount equal to the purchase consideration into an escrow account as the North and South sale of assets agreements were not yet unconditional on 31 December 2009. The escrow account is an interest-bearing trust account on which the interest accrues to the benefit of the Group.

23

7.

**Borrowings**

31 December

30 September

30 June

31 December

2009

2009

2009

2008

(Unaudited)

(Audited)

R million

R million

R million

R million

Total long-term borrowings

565

108

110

188

Total current portion of borrowings

460

260

252

2 671

**Total borrowings**

(1) (2)

**1 025****368****362****2 859**

(1) On 11 December 2009, the Company entered into a loan facility with Nedbank Limited, comprising a Term Facility of R900 million and a

Revolving Credit Facility of R600 million. Interest accrues on a day-to-day basis over the term of the loan at a variable interest rate, which

is fixed for a three-month period, equal to JIBAR plus 3.5%. Interest is repayable quarterly.

The Term Facility is repayable bi-annually in equal instalments of R90 million over five years. The Revolving Credit Facility is repayable

after three years. The Group drew down R650 million of the Term Facility during December 2009.

(2) Included in the borrowings is R102 million (September 2009: 104 million; June 2009: R106 million; December 2008: R198 million) owed to

Westpac Bank Limited in terms of a finance lease agreement. The future minimum lease payments are as follows:

31 December

30 September

30 June

31 December

2009

2009

2009

2008	
(Unaudited)	
(Audited)	
R million	
R million	
R million	
R million	
Due within one year	
32	
31	
30	
63	
Due between one and five years	
73	
76	
80	
156	
105	
107	
110	
219	
Future finance charges	
(3)	
(3)	
(4)	
(21)	
<b>Total future minimum lease payments</b>	
<b>102</b>	
<b>104</b>	
<b>106</b>	
<b>198</b>	

**8. Dividend declared**

On 13 August 2009, the Board of Directors approved a final dividend for the 2009 financial year of 50 SA cents per share. The total dividend, amounting to R213 million, was paid on 21 September 2009.

31 December	
30 September	
30 June	
31 December	
2009	
2009	
2009	
2008	
(Unaudited)	
(Audited)	
Dividend declared (R million)	
–	
213	
–	
–	

Number of shares in issue (thousands)

426 079

426 025

425 987

417 638

Dividend per share (cents)

–

50

–

–

**9.**

**Commitments and contingencies**

31 December

30 September

30 June

31 December

2009

2009

2009

2008

(Unaudited)

(Audited)

R million

R million

R million

R million

**Capital expenditure commitments**

Contracts for capital expenditure

411

528

478

692

Authorised by the directors but not contracted for

1 771

1 829

734

1 689

**2 182**

**2 357**

**1 212**

**2 381**

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

**Contingent liability**

Class action.

On 18 April 2008, Harmony Gold Mining Company Limited was made aware that it has been named or may be named as a

defendant in a lawsuit filed in the U.S. District Court in the Southern District of New York on behalf of certain purchasers and sellers of

Harmony's American Depositary Receipts (ADRs) with regard to certain of its business practises. Harmony has retained legal counsel, who

advise Harmony on further developments in the U.S.

During January 2009, the plaintiff filed an Amended Complaint with the Court. Subsequently, the Company filed a Motion to Dismiss all claims asserted in the Class Action Case with the Court. The plaintiffs have filed an opposing response and the Company has since replied to that response. It is not possible to predict with certainty when the Court will rule on the Motion of Dismiss as the timing of the ruling is entirely within the discretion of the Court. It is currently not possible to estimate if there will be a financial effect, or what that effect might be.



**24**

Results for the second quarter and six months

**ended 31 December 2009**

**10. Subsequent events**

In January 2010, the sale of Big Bell Operations (Proprietary) Limited, an operation in Western Australia, was concluded, in which the Group

received an amount of AU\$3.0 million and the release on performance bonds of AU\$3.1 million.

**11. Segment report**

The segment report follows on page 25.

**12. Reconciliation of segment information to consolidated income statements and balance sheet**

	31 December	31 December
--	-------------	-------------

	2009	
--	------	--

	2008	
--	------	--

	R million	
--	-----------	--

	R million	
--	-----------	--

The “Reconciliation of segment data to consolidated financials” line item in the segment reports are broken down in the following elements, to give a better understanding of the differences between the income statement, balance sheet and segment report:

**Revenue from:**

Discontinued operations	-
-------------------------	---

	-
--	---

	614
--	-----

**Production costs from:**

Discontinued operations	-
-------------------------	---

	-
--	---

	447
--	-----

**Reconciliation of cash operating profit to gross profit:**

Total segment revenue	5 718
-----------------------	-------

	6 442
--	-------

	6 442
--	-------

Total segment production costs	(4 367)
--------------------------------	---------

	(4 354)
--	---------

	(4 354)
--	---------

Cash operating profit as per segment report	1 351
---	-------

	2 088
--	-------

	2 088
--	-------

Less: Discontinued operations	-
-------------------------------	---

	-
--	---

	(167)
--	-------

Cash operating profit as per segment report	1 351
---	-------

	1 921
--	-------

	1 921
--	-------

Cost of sales items other than production costs	(893)
---	-------

	(893)
--	-------

	(855)
--	-------

Amortisation and depreciation	(671)
-------------------------------	-------

	(671)
--	-------

	(618)
--	-------

Impairment of assets	(104)
----------------------	-------

	(104)
--	-------

	(151)
--	-------

Employment termination and restructuring costs

(3)

(28)

Share-based payments

(72)

(22)

Rehabilitation costs

(8)

(10)

Care and maintenance costs of restructured shafts

(34)

(25)

Provision for post-retirement benefits

(1)

(1)

**Gross profit as per income statements\***

**458**

**1 066**

**Reconciliation of total segment mining assets to consolidated property, plant and equipment:**

Property, plant and equipment not allocated to a segment

Mining assets

755

569

Undeveloped property

5 386

5 168

Other non-mining assets

66

51

Less:

Non-current assets previously classified as held-for-sale

—

(280)

**6 207**

**5 508**

\* The reconciliation was done up to the first recognisable line item on the income statement. The reconciliation will follow the income statement after that.

### **13. Review report**

The condensed consolidated financial statements for the six months ended 31 December 2009 on pages 16 to 26 have been reviewed

in accordance with International Standards on Review Engagements 2410 – “ Review of interim financial information performed by the

Independent Auditors of the entity ” by PricewaterhouseCoopers Inc. Their unqualified review report is available for inspection at the

Company’s registered office.

**25**

SEGMENT REPORT FOR THE SIX MONTHS ENDED 31 DECEMBER 2009 (Rand/Metric)

Cash

Cash

production

operating

Mining

Capital

Kilograms

Tonnes

Revenue

cost

profit

assets

expenditure

produced

milled

R million

R million

R million

R million

R million

kg\*

t'000\*

**Operations**

South Africa

**Underground**

Bambanani

490

369

121

680

51

1 878

270

Doornkop

259

209

50

2 699

151

990

278

Elandsrand

741

571

170

2 894

236

3 012

495

Evander

599

559

40

906

106

2 296

504

Masimong

648

360

288

711

85

2 601

469

Phakisa

161

139

22

3 898

266

610

158

Target

414

308

106

2 301

161

1 700

384

Tshepong

886

583

303

3 627

129

3 395

814

Virginia

813

789

24

841

99

3 253

1 015

Joel

291

209

82  
135  
50  
1 106  
248  
**Surface**  
All surface operations  
(1)  
416  
271  
145  
141  
44  
1 674  
4 384  
**Total South Africa**  
**5 718**  
**4 367**  
**1 351**  
**18 833**  
**1 378**  
**22 515**  
**9 019**  
International  
Papua New Guinea  
(2)  
—  
—  
—  
3 805  
429  
768  
—  
Mount Magnet  
—  
—  
—  
17  
—  
768  
—  
**Total international**  
—  
—  
—  
**3 822**  
**429**  
—  
—  
**Total operations**  
**5 718**

**4 367**

**1 351**

**22 655**

**1 807**

**23 283**

**9 019**

Reconciliation of the segment  
information to the consolidated  
income statement and  
balance sheet (refer to note 12)

—

—

**6 207**

**5 718**

**4 367**

**28 862**

**Notes:**

(1) Includes Kalgold, Phoenix and Dumps.

(2) Production statistics for Hidden Valley are shown for information purposes. The mine is in a build-up phase and revenue and cost are currently capitalised until commercial levels of production are reached.

\* Production statistics are not reviewed.

**26**

Results for the second quarter and six months

**ended 31 December 2009**

SEGMENT REPORT FOR THE SIX MONTHS ENDED 31 DECEMBER 2008 (Rand/Metric)

Cash

Cash

Production

operating

Mining

Capital

Kilograms

Tonnes

Revenue

cost

profit

assets

expenditure

produced

milled

R million

R million

R million

R million

R million

kg\*

t'000\*

**Continuing operations**

South Africa

**Underground**

Bambanani

509

342

167

695

20

2 116

264

Doornkop

157

138

19

2 338

217

589

253

Elandsrand

720

565

155

2 552

211

2 725

503

Evander

804

522

282

1 208

111

3 178

610

Masimong

592

336

256

663

68

2 445

457

Phakisa

60

43

17

3 406

237

244

66

Target

296

250

46

2 354

166

1 199

318

Tshepong

903

501

402

3 613

117

3 709

697

Virginia

1 043

758

285

924

82

4 313

1 149

Joel



271  
190  
81  
127  
24  
1 115  
275  
**Surface**  
All surface operations  
(1)  
473  
262  
211  
150  
31  
1 921  
4 198  
**Total South Africa**  
**5 828**  
**3 907**  
**1 921**  
**18 030**  
**1 284**  
**23 554**  
**8 790**  
International  
Papua New Guinea  
—  
—  
—  
4 008  
933  
—  
—  
Mount Magnet  
—  
—  
—  
240  
—  
—  
**Total international**  
—  
—  
**4 248**  
**933**  
—  
—  
**Total continuing operations**

5 828

3 907

1 921

22 278

2 217

23 554

8 790

**Discontinued operations**

Cooke operations

614

447

167

—

87

2 500

1 287

**Total discontinued operations**

614

447

167

—

87

2 500

1 287

**Total operations**

6 442

4 354

2 088

22 278

2 304

26 054

10 077

Reconciliation of the segment  
information to the consolidated  
income statement and  
balance sheet (refer to note 12)

(614)

(447)

5 508

**5 828**                      **3 907**

**27 786**

**Notes:**

(1) Includes Kalgold, Phoenix and Dumps.

\* Production statistics are not reviewed.

Harmony Quarterly Report 2009 **27**

**Results for the  
second quarter and six months ended  
31 December 2009**

(US\$)

Incorporated in the Republic of South Africa

Registration Number 1950/038232/06

("Harmony" or "Company")

JSE Share code: HAR

NYSE Share code: HMY

ISIN: ZAE 000015228

Results for the  
second quarter and six months  
ended 31 December 2009

**28**

Financial review for the second quarter and six months  
**ended 31 December 2009**

**29**

**OPERATING RESULTS**

(US\$/Imperial)

Underground production – South Africa

Surface production – South Africa

Total SA

Total SA

South Africa

Harmony

Bambanani

Doornkop

Elandsrand

Evander

Joel

Masimong

Phakisa

Target Tshepong

Virginia

Underground

Kalgold

Phoenix

Dumps

Surface

Other

Total

PNG\*

Total

**Ore milled**

**– t'000**

**Dec-09**

**136**

**163**

**259**

**270**

**124**

**259**

**96**

**211**

**437**

**519**

**2 474**

**466**

**1 678**

**383**

**2 527**

**–**

**5 001**

**–**

**5 001**

Sep-09

162

143

287

286

150

258

78

213

461

600

2 638

498

1 524

285

2 307

–

4 945

–

4 945

**Gold produced**

**– oz**

**Dec-09**

**29 964**

**15 754**

**44 593**

**33 983**

**19 001**

**39 931**

**11 253**

**25 431**

**54 399**

**50 959**

**325 268**

**11 253**

**5 948**

**7 973**

**25 174**

–

**350 442**

**21 514**

**371 956**

Sep-09

30 415

16 075

52 245

39 835

16 558

43 693

8 359

29 225  
54 753  
53 627  
344 785  
13 343  
5 208  
10 095  
28 646

—

373 431  
3 168  
376 599

**Yield**

— oz/t

**Dec-09**

**0.220**

**0.097**

**0.172**

**0.126**

**0.153**

**0.154**

**0.117**

**0.121**

**0.124**

**0.098**

**0.131**

**0.024**

**0.003**

**0.021**

**0.009**

—

**0.070**

—

**0.070**

Sep-09

0.188

0.112

0.182

0.139

0.110

0.169

0.107

0.137

0.119

0.090

0.131

0.027

0.003

0.035

0.012

—

0.076

–

0.076

**Cash operating costs**

– \$/oz

**Dec-09**

747

825

827

1 036

695

593

897

758

675

1 002

804

771

642

708

721

–

798

–

798

Sep-09

798

685

730

906

795

552

887

665

673

999

766

691

695

419

596

–

753

–

753

**Cash operating costs**

– \$/t

**Dec-09**

165

80

142

130  
106  
91  
105  
91  
84  
98  
106  
19  
2  
15  
7  
-  
56  
-  
56  
Sep-09  
150  
77  
133  
126  
88  
93  
95  
91  
80  
89  
100  
19  
2  
15  
7  
-  
57  
-  
57  
**Gold sold**  
**- oz**  
**Dec-09**  
**31 154**  
**16 622**  
**47 840**  
**37 231**  
**19 773**  
**39 449**  
**11 703**  
**23 566**  
**56 617**  
**50 348**  
**334 303**  
**12 635**



5 948

7 973

26 556

—

360 859

13 375

374 234

Sep-09

31 283

16 075

46 072

38 677

17 008

43 371

8 616

30 704

56 296

53 242

341 344

12 153

5 208

10 095

27 456

—

368 800

—

368 800

**Revenue**

**(\$'000)**

**Dec-09**

34 225

18 530

52 249

41 179

21 814

43 323

12 871

26 067

62 124

55 371

367 753

13 740

6 571

8 829

29 140

—

396 893

—

396 893

Sep-09

30 037

15 477  
44 933  
37 315  
16 408  
41 622  
8 262  
28 188  
54 051  
51 162  
327 455  
10 755  
5 026  
9 723  
25 504  
—  
352 959  
—  
352 959  
**Cash operating costs (\$'000)**  
**Dec-09**  
**22 373**  
**12 994**  
**36 889**  
**35 208**  
**13 200**  
**23 679**  
**10 097**  
**19 281**  
**36 726**  
**51 060**  
**261 507**  
**8 679**  
**3 817**  
**5 642**  
**18 138**  
—  
**279 645**  
—  
**279 645**  
Sep-09  
24 257  
11 018  
38 158  
36 095  
13 156  
24 098  
7 417  
19 444  
36 864  
53 576  
264 083

9 217  
 3 619  
 4 233  
 17 069

—  
 281 152

—  
 281 152

**Inventory movement (\$'000)**

**Dec-09**

**1 172**

**1 339**

**1 865**

**2 851**

**678**

**(350)**

**519**

**559**

**1 887**

**(806)**

**9 714**

**736**

—

—

**736**

—

**10 450**

—

**10 450**

Sep-09

559

2 076

(2 080)

(949)

303

(230)

171

1 062

849

(551)

1 210

(358)

—

—

(358)

—

852

—

852

**Operating costs**

**(\$'000)**

**Dec-09**

**23 545**

**14 333**

**38 754**

**38 059**

**13 878**

**23 329**

**10 616**

**19 840**

**38 613**

**50 254**

**271 221**

**9 415**

**3 817**

**5 642**

**18 874**

**-**

**290 095**

**-**

**290 095**

Sep-09

24 816

13 094

36 078

35 146

13 459

23 868

7 588

20 506

37 713

53 025

265 293

8 859

3 619

4 233

16 711

**-**

**282 004**

**-**

**282 004**

**Operating profit**

**(\$'000)**

**Dec-09**

**10 680**

**4 197**

**13 495**

**3 120**

**7 936**

**19 994**

**2 255**

**6 227**

23 511

5 117

96 532

4 325

2 754

3 187

10 266

–

106 798

–

106 798

Sep-09

5 221

2 383

8 855

2 169

2 949

17 754

674

7 682

16 338

(1 863)

62 162

1 896

1 407

5 490

8 793

–

70 955

–

70 955

**Capital expenditure**

**(\$'000)**

**Dec-09**

3 727

10 513

16 654

7 260

4 330

6 012

18 419

10 269

7 674

6 330

91 188

239

264

–

503

3 311

95 002

**24 114**

**119 116**

Sep-09

2 958

9 351

14 306

6 638

2 289

4 995

16 409

10 757

9 146

6 625

83 474

233

193

—

426

1 729

85 629

31 971

117 600

\* Production and sales statistics for Hidden Valley are shown for information purposes. The mine is in a build-up phase and revenue and cost are currently capitalised until commercial levels of production are reached.

**30**

Results for the second quarter and six months

**ended 31 December 2009**

CONDENSED CONSOLIDATED INCOME STATEMENT (US\$)

(Convenience translation)

Quarter ended

Six months ended

Year ended

31 December 30 September 31 December<sup>1</sup> 31 December 31 December<sup>1</sup>

30 June

2009

2009

2008

2009

2008

2009

(Unaudited)

(Unaudited)

(Unaudited)

(Unaudited)

(Unaudited)

(Audited)

US\$ million

US\$ million

US\$ million

US\$ million

US\$ million

US\$ million

**Continuing operations**

Revenue

397

353

317

750

659

1 277

Cost of sales

(355)

(335)

(241)

(690)

(538)

(1 104)

Production cost

(290)

(282)

(205)

(572)

(442)

(850)

Amortisation and depreciation

(43)  
(45)  
(31)  
(88)  
(70)  
(167)  
Impairment of assets  
(14)  
—  
—  
(14)  
(17)  
(61)  
Employment termination and restructuring costs  
—  
—  
(2)  
—  
(3)  
(4)  
Other items  
(8)  
(8)  
(3)  
(16)  
(6)  
(22)  
**Gross profit**  
**42**  
**18**  
**76**  
**60**  
**121**  
**173**  
Corporate, administration and other expenditure  
(15)  
(11)  
(9)  
(27)  
(21)  
(40)  
Exploration expenditure  
(7)  
(8)  
(8)  
(14)  
(15)  
(32)  
(Loss)/profit on sale of  
property, plant and equipment  
—



-
(8)
1
51
116
Other (expenses)/income – net
(2)
(9)
16
(13)
17
(3)
<b>Operating profit/(loss)</b>
<b>18</b>
<b>(10)</b>
<b>67</b>
<b>7</b>
<b>153</b>
<b>214</b>
Profit/(loss) from associates
3
4
(5)
7
(6)
1
Impairment of investment in associate
-
-
-
-
(13)
(14)
Fair value movement of listed investments
-
-
(12)
-
(13)
(10)
Profit on sale of listed investments
-
-
-
1
-
-
Investment income
7
9
11

16
21
49
Finance cost
(5)
(4)
(6)
(9)
(17)
(24)
<b>Profit/(loss) before taxation</b>
<b>23</b>
<b>(1)</b>
<b>55</b>
<b>22</b>
<b>125</b>
<b>216</b>
Taxation
(8)
(2)
(22)
(10)
(51)
(23)
<b>Net profit/(loss) from continuing operations</b>
<b>15</b>
<b>(3)</b>
<b>33</b>
<b>12</b>
<b>74</b>
<b>193</b>
<b>Discontinued operations</b>
Profit from discontinued operations
–
–
100
–
120
118
<b>Net profit/(loss)</b>
<b>15</b>
<b>(3)</b>
<b>133</b>
<b>12</b>
<b>194</b>
<b>311</b>
<b>Earnings/(loss) per ordinary share (cents)</b>
– Earnings/(loss) from continuing operations
4
(1)
8

3
18
47
– Earnings from discontinued operations
–
–
24
–
30
28
<b>Total earnings/(loss) per ordinary share (cents)</b>
<b>4</b>
<b>(1)</b>
<b>32</b>
<b>3</b>
<b>48</b>
<b>75</b>
<b>Diluted earnings/(loss) per ordinary share (cents)</b>
– Earnings/(loss) from continuing operations
4
(1)
8
3
18
46
– Earnings from discontinued operations
–
–
24
–
30
28
<b>Total diluted earnings/(loss) per ordinary share (cents)</b>
<b>4</b>
<b>(1)</b>
<b>32</b>
<b>3</b>
<b>48</b>
<b>74</b>

<sup>1</sup> The comparative figures are re-presented due to Mount Magnet being reclassified as part of continuing operations. The currency conversion average rates for the quarter ended: December 2009: US\$1 = R7.49 (September 2009: US\$1 = R7.78, December 2008:

US\$1 = R9.93)

The currency conversion average rates for the six months ended: December 2009: US\$1 = R7.63 (December 2008: US\$1 = R8.84)

The income statement for the year ended 30 June 2009 has been extracted from the 2009 Annual Report.

**Note on convenience translations**

Except where specific statements have been extracted from the 2009 Annual Report, the requirements of IAS 21, The Effects of the Changes in

Foreign Exchange Rates, have not necessarily been applied in the translation of the US Dollar financial statements

presented on page 30 to 36.

<b>31</b>			
CONDENSED CONSOLIDATED STATEMENT OF OTHER COMPREHENSIVE INCOME (US\$)			
(Convenience translation)			
Quarter ended			
Six months ended			
Year ended			
31 December	30 September	31 December	
31 December	31 December		
30 June			
2009			
2009			
2008			
2009			
2008			
2009			
(Unaudited)			
(Unaudited)			
(Unaudited)			
(Unaudited)			
(Unaudited)			
(Audited)			
US\$ million			
US\$ million			
US\$ million			
US\$ million			
US\$ million			
US\$ million			
<b>Net profit t/(loss) for the period</b>			
<b>15</b>			
<b>(3)</b>			
<b>133</b>			
<b>12</b>			
<b>194</b>			
<b>311</b>			
Attributable to:			
Owners of the parent			
15			
(3)			
133			
12			
194			
311			
Non-controlling interest			
—			
—			
—			
—			
—			
—			
Other comprehensive (loss)/income for the period, net of income tax			

(7)	
1	
(12)	
(5)	
(3)	
111	
Foreign exchange translation	
(8)	
2	
(21)	
(5)	
(10)	
105	
Mark-to-market of available-for-sale investments	
1	
(1)	
9	
-	
7	
6	
<b>Total comprehensive income/(loss) for the period</b>	
<b>8</b>	
<b>(2)</b>	
<b>121</b>	
<b>7</b>	
<b>191</b>	
<b>422</b>	
Attributable to:	
Owners of the parent	
8	
(2)	
121	
7	
191	
422	
Non-controlling interest	
-	
-	
-	
-	
-	
-	

The currency conversion average rates for the quarter ended: December 2009: US\$1 = R7.49 (September 2009: US\$1 = R7.78, December 2008:

US\$1 = R9.93)

The currency conversion average rates for the six months ended: December 2009: US\$1 = R7.63 (December 2008: US\$1 = R8.84)

The statement of other comprehensive income for the year ended 30 June 2009 has been extracted from the 2009 Annual Report.

**32**

Results for the second quarter and six months

**ended 31 December 2009**

CONDENSED CONSOLIDATED BALANCE SHEET (US\$)

(Convenience translation)

At

At

At

At

31 December

30 September

30 June

31 December

2009

2009

2009

2008

(Unaudited)

(Unaudited)

(Audited)

(Unaudited)

US\$ million

US\$ million

US\$ million

US\$ million

**ASSETS**

**Non-current assets**

Property, plant and equipment

3 916

3 774

3 614

2 988

Intangible assets

301

294

288

239

Restricted cash

23

22

21

18

Restricted investments

230

221

212

168

Investments in financial assets

3

5

7

	3
Investments in associates	52
	48
	43
	24
Inventories	10
	–
	–
	–
Trade and other receivables	10
	10
	10
	6
	4 545
	4 374
	4 195
	3 446
<b>Current assets</b>	
Inventories	150
	152
	134
	97
Income and mining taxes	7
	6
	6
	12
Trade and other receivables	150
	111
	115
	293
Restricted cash	38
	–
	–
	–
Cash and cash equivalents	110
	145
	253
	177
	455
	414
	508
	579
Assets of disposal groups classified as held-for-sale	



–						
–						
–						
44						
455	414	508	623			
<b>Total assets</b>				<b>5 000</b>	<b>4 788</b>	<b>4</b>
<b>703</b>	<b>4 069</b>					
<b>EQUITY AND LIABILITIES</b>						
<b>Share capital and reserves</b>						
Share capital				3 812	3 726	4
004	2 917					
Other reserves				51	51	
(72)	72					
Retained earnings/(accumulated loss)				132	113	
(108)	(12)					
3 995	3 890	3 824	2 977			
<b>Non-current liabilities</b>						
Deferred tax				450	433	
421	398					
Provisions for other liabilities and charges				219	207	
198	128					
Retirement benefit obligation and other provisions				23	22	
22	16					
Borrowings				77	14	
14	20					
769	676	655	562			
<b>Current liabilities</b>						
Borrowings				62	34	
33	287					
Trade and other payables				173	185	
189	173					
Income and mining taxes				1	3	
2	29					
236	222	224	489			
Liabilities of disposal groups classified as held-for-sale				–	–	
–	41					
236	222	224	530			
<b>Total equity and liabilities</b>				<b>5 000</b>	<b>4 788</b>	<b>4</b>
<b>703</b>	<b>4 069</b>					
Number of ordinary shares in issue				426 079 492	426 024 653	425 986
836	417 637 697					
Net asset value per share (cents)				937	913	
898	713					

Balance sheet for December 2009 converted at a conversion rate of US\$1 = R7.37 (September 2009: R7.54, December 2008: R9.30).

The balance sheet as at 30 June 2009 has been extracted from the 2009 Annual Report.

<b>33</b>	
CONDENSED CONSOLIDATED STATEMENT OF CHANGES IN EQUITY (US\$) (Unaudited)	
(Convenience translation)	
Retained earnings/	
Share	
Other	
(Accumulated capital reserves	
loss)	
Total	
US\$ million	
US\$ million	
US\$ million	
US\$ million	
Balance – 30 June 2009	
3 811	
46	
149	
4 006	
Issue of shares	
1	
–	
–	
1	
Share-based payments	
–	
10	
–	
10	
Comprehensive income for the period	
–	
(5)	
12	
7	
Dividends paid	
–	
–	
(29)	
(29)	
<b>Balance as at 31 December 2009</b>	
<b>3 812</b>	
<b>51</b>	
<b>132</b>	
<b>3 995</b>	
Balance – 30 June 2008	
2 784	
73	
(197)	
2 660	

Issue of shares

132

—

—

132

Share-based payments

—

2

—

2

Comprehensive income for the period

—

(3)

185

182

**Balance as at 31 December 2008**

**2 916**

**72**

**(12)**

**2 976**

The currency conversion closing rates for the six months ended December 2009: US\$1 = R7.37 (December 2008: US\$1 = R9.30)

**34**

Results for the second quarter and six months

**ended 31 December 2009**

CONDENSED CONSOLIDATED CASH FLOW STATEMENT (US\$)

(Convenience translation)

Quarter ended

Six months ended

Year ended

31 December 30 September 31 December

31 December 31 December

30 June

2009

2009

2008

2009

2008

2009

(Unaudited)

(Unaudited)

(Unaudited)

(Unaudited)

(Unaudited)

(Audited)

US\$ million

US\$ million

US\$ million

US\$ million

US\$ million

US\$ million

**Cash flow from operating activities**

Cash generated by operations

24

29

118

53

206

319

Interest and dividends received

7

9

11

16

22

51

Interest paid

(1)

(1)

(6)

(3)

(20)

(31)

Income and mining taxes paid

(5)

(3)

(14)

(8)

(16)

(85)

Cash generated by operating activities

25

34

107

58

192

254

**Cash flow from investing activities**

(Increase)/decrease in restricted cash

(38)

–

1

(37)

(10)

(9)

Net proceeds on disposal of listed investments

4

2

–

6

–

–

Net (additions to)/disposal of property,  
plant and equipment

(117)

(117)

(85)

(236)

(8)

111

Other investing activities

–

1

6

1

8

(8)

Cash (utilised)/generated by investing activities

(151)

(114)

(78)

(266)

(10)

94

**Cash flow from financing activities**

Borrowings raised

93

–

–

90

–

–

Borrowings repaid

(2)

(1)

(100)

(3)

(176)

(427)

Ordinary shares issued – net of expenses

–

–

98

1

99

194

Dividends paid

–

(29)

–

(29)

–

–

Cash generated/(utilised) by financing activities

91

(30)

(2)

59

(77)

(233)

**Foreign currency translation adjustments**

–

2

7

6

19

85

Net (decrease)/increase in cash and cash equivalents

(35)

(108)

34

(143)

124

200

Cash and cash equivalents – beginning of period

145

253

143

253

53

53

**Cash and cash equivalents – end of period**

**110**

**145**

**177**

**110**

**177**

**253**

Operating activities translated at average rates for the quarter ended December 2009: US\$1 = R7.49 (September 2009: US\$1 = R7.78,

December 2008: US\$1 = R9.93). Six months ended December 2009: US\$1 = R7.63 (December 2008 : US\$1 = 8.84)

Closing balance translated at closing rates of: December 2009: US\$1 = R7.37 (September 2009: US\$1 = R7.54, December 2008: US\$1 = R9.30)

The cash flow statement for the year ended 30 June 2009 has been extracted from the 2009 Annual Report.

**35**  
SEGMENT REPORT FOR THE SIX MONTHS ENDED 31 DECEMBER 2009 (US\$/Imperial) (Unaudited)  
(Convenience translation)

Cash

Cash

production

operating

Mining

Capital

Ounces

Tons

Revenue

cost

profit

assets

expenditure

produced

milled

US\$ million

US\$ million

US\$ million

US\$ million

US\$ million

oz

t'000

**Operations**

South Africa

**Underground**

Bambanani

64

48

16

92

7

60 379

298

Doornkop

34

27

7

366

20

31 829

306

Elandsrand

97

75

22

393

31

96 838



546  
Evander  
78  
73  
5  
123  
14  
73 818  
556  
Masimong  
85  
47  
38  
96  
11  
83 624  
517  
Phakisa  
21  
18  
3  
529  
35  
19 612  
174  
Target  
54  
40  
14  
312  
21  
54 656  
424  
Tshepong  
116  
76  
40  
492  
17  
109 152  
898  
Virginia  
107  
104  
3  
114  
13  
104 586  
1 119  
Joel  
38

27

11

18

7

35 559

274

**Surface**

All surface operations

(1)

56

37

19

19

5

53 820

4 834

**Total South Africa**

**750**

**572**

**178**

**2 554**

**181**

**723 873**

**9 946**

International

Papua New Guinea

(2)

—

—

—

516

56

24 682

—

Mount Magnet

—

—

—

2

—

—

—

**Total international**

—

—

—

**518**

**56**

**24 682**

—

**Total operations**

**750**

**572**

**178**

**3 072**

**237**

**748 555**

**9 946**

**Notes:**

(1) Includes Kalgold, Phoenix and Dumps.

(2) Production statistics for Hidden Valley are shown for information purposes. The mine is in a build-up phase and revenue and cost are currently capitalised until commercial levels of production are reached.

All income statement items, including capital expenditure, are converted at the currency conversion rate of US\$1 = R7.63.

Mining assets are converted at the currency conversion rate of US\$1 = R7.37.

**36**

Results for the second quarter and six months

**ended 31 December 2009**

SEGMENT REPORT FOR THE SIX MONTHS ENDED 31 DECEMBER 2008 (US\$/Imperial) (Unaudited)

(Convenience translation)

Cash

Cash

production

operating

Mining

Capital

Ounces

Tons

Revenue

cost

profit

assets

expenditure

produced

milled

US\$ million

US\$ million

US\$ million

US\$ million

US\$ million

oz

t'000

**Continuing operations**

South Africa

**Underground**

Bambanani

58

39

19

75

2

68 031

292

Doornkop

17

16

1

251

25

18 936

279

Elandsrand

82

64

18

274

24  
87 610  
555  
Evander  
91  
59  
32  
130  
13  
102 175  
672  
Masimong  
67  
39  
28  
71  
8  
78 609  
504  
Phakisa  
7  
5  
2  
366  
27  
7 844  
73  
Target  
33  
28  
5  
253  
18  
38 549  
351  
Tshepong  
102  
57  
45  
388  
13  
119 247  
768  
Virginia  
119  
87  
32  
99  
9  
138 666  
1 267

Joel  
30  
22  
8  
14  
3  
35 848  
303  
**Surface**  
All surface operations  
(1)  
53  
26  
27  
16  
4  
61 762  
4 629  
**Total South Africa**  
**659**  
**442**  
**217**  
**1 937**  
**146**  
**757 277**  
**9 693**  
International  
Papua New Guinea  
—  
—  
—  
431  
105  
—  
—  
Mount Magnet  
—  
—  
—  
26  
—  
—  
**Total international**  
—  
—  
—  
**457**  
**105**  
—  
—

**Total continuing operations**

659

442

217

2 394

251

757 277

9 693

**Discontinued operations**

Cooke operations

71

52

19

—

10

80 377

1 419

**Total discontinued operations**

71

52

19

—

10

80 377

1 419

**Total operations**

730

494

236

2 394

261

837 654

11 112

**Notes:**

(1) Includes Kalgold, Phoenix and Dumps.

All income statement items, including capital expenditure, are converted at the currency conversion rate of US\$1 = R8.84.

Mining assets are converted at the currency conversion rate of US\$1 = R9.30.

**37**

DEVELOPMENT RESULTS (Metric)

Quarter ended December 2009

Channel

Channel

Reef

Sampled

Width

Value

Gold

(metres)

(metres)

(cm's)

(g/t)

(cmg/t)

Tshepong

Basal

516

500

7.12

134.10

954

B Reef

110

118

117.40

7.62

895

All Reefs

**625**

**618**

**28.17**

**33.46**

**943**

Phakisa

Basal

253

228

28.03

29.13

816

All Reefs

**253**

**228**

**28.03**

**29.13**

**816**

Bambanani

Basal

146.7

144



113.00  
16.03  
1 811  
All Reefs  
**147**  
**144**  
**113.00**  
**16.03**  
**1 811**  
Doornkop  
Kimberley Reef  
295.6  
234  
361.38  
1.98  
716  
South Reef  
222.5  
246  
37.44  
28.91  
1 082  
All Reefs  
**518**  
**480**  
**195.36**  
**4.62**  
**904**  
Elandsrand  
VCR Reef  
772.0  
798  
120.82  
12.03  
1 453  
All Reefs  
**772**  
**798**  
**120.82**  
**12.03**  
**1 453**  
Target  
Elsburg  
93.5  
35  
139.00  
22.56  
3 136  
All Reefs  
**94**  
**35**

**139.00**

**22.56**

**3 136**

Masimong

Basal

480.7

478

51.74

12.76

660

B Reef

25.6

—

—

—

—

All Reefs

**506**

**478**

**51.74**

**12.76**

**660**

Evander

Kimberley

725.1

690

98.03

13.70

1 343

All Reefs

**725**

**690**

**98.03**

**13.70**

**1 343**

Virginia

(incl. Unisel & Brand 3)

Basal

1 007.8

872

83.83

8.90

746

Leader

1 035.6

950

161.11

6.02

969

A Reef

244.2

238  
86.37  
7.77  
671  
Middle  
107.5  
74  
159.78  
4.64  
741  
All Reefs  
**2 395**  
**2 134**  
**121.15**  
**6.91**  
**837**  
Joel  
Beatrix  
854.5  
867  
114.00  
12.06  
1 375  
All Reefs  
**855**  
**867**  
**114.00**  
**12.06**  
**1 375**  
Total  
Harmony  
Basal  
2 404  
2 222  
55.83  
15.23  
850.55  
Beatrix  
855  
867  
114.00  
12.06  
1 375.00  
Leader  
1 036  
950  
161.11  
6.02  
969.22  
B Reef  
135

118  
117.40  
7.62  
894.67  
A Reef  
244.2  
238  
86.37  
7.77  
671.24  
Middle  
107.5  
74  
159.78  
4.64  
740.65  
Elsburg  
93.5  
35  
139.00  
22.56  
3 136.00  
Kimberley  
1 020.7  
924  
164.72  
7.19  
1 184.24  
South Reef  
223  
246  
37.44  
28.91  
1 082.32  
VCR  
772  
798  
120.82  
12.03  
1 453.21  
All Reefs  
**6 890**  
**6 472**  
**105.82**  
**10.15**  
**1 074**  
DEVELOPMENT RESULTS (Imperial)  
Quarter ended December 2009  
Channel  
Channel  
Reef

Sampled  
 Width  
 Value  
 Gold  
 (feet)  
 (feet)  
 (inches)  
 (oz/t)  
 (in.oz/t)

Tshepong

Basal

1 692

1 640

3.00

3.65

11

B Reef

359

387

46.00

0.22

10

All Reefs

**2 051**

**2 027**

**11.00**

**0.98**

**11**

Phakisa

Basal

831

748

11.00

0.85

9

All Reefs

**831**

**748**

**11.00**

**0.85**

**9**

Bambanani

Basal

481

472

44.00

0.47

21

All Reefs

**481**

**472**

**44.00**

**0.47**

**21**

Doornkop

Kimberley Reef

970

768

142.00

0.06

8

South Reef

730

807

15.00

0.83

12

All Reefs

**1 700**

**1 575**

**77.00**

**0.13**

**10**

Elandsrand

VCR Reef

2 533

2 618

48.00

0.35

17

All Reefs

**2 533**

**2 618**

**48.00**

**0.35**

**17**

Target

Elsburg

307

115

55.00

0.65

36

All Reefs

**307**

**115**

**55.00**

**0.65**

**36**

Masimong

Basal

1 577

1 568

20.00

0.38

8

B Reef

84

—

—

—

—

All Reefs

**1 661**

**1 568**

**20.00**

**0.38**

**8**

Evander

Kimberley

2 379

2 264

39.00

0.40

15

All Reefs

**2 379**

**2 264**

**39.00**

**0.40**

**15**

Virginia

(incl. Unisel & Brand 3)

Basal

3 306

2 861

33.00

0.26

9

Leader

3 398

3 117

63.00

0.18

11

A Reef

801

781

34.00

0.23

8

Middle

353

243  
63.00  
0.13  
9  
All Reefs  
**7 858**  
**7 002**  
**48.00**  
**0.20**  
**10**  
Joel  
Beatrix  
2 803  
2 844  
45.00  
0.35  
16  
All Reefs  
**2 803**  
**2 844**  
**45.00**  
**0.35**  
**16**  
Total  
Harmony  
Basal  
7 887  
7 289  
22.00  
0.44  
9.77  
Beatrix  
2 803  
2 844  
45.00  
0.35  
15.79  
Leader  
3 398  
3 117  
63.00  
0.18  
11.13  
B Reef  
443  
387  
46.00  
0.22  
10.27  
A Reef  
801



781  
34.00  
0.23  
7.71  
Middle  
353  
243  
63.00  
0.13  
8.50  
Elsburg  
307  
115  
55.00  
0.65  
36.01  
Kimberley  
3 349  
3 032  
65.00  
0.21  
13.60  
South Reef  
730  
807  
15.00  
0.83  
12.43  
VCR  
2 533  
2 618  
48.00  
0.35  
16.69  
All Reefs  
**22 604**  
**21 233**  
**42.00**  
**0.29**  
**12**

**38**

Results for the second quarter and six months  
**ended 31 December 2009**

NOTES

**39**  
NOTES

**40**

Results for the second quarter and six months

**ended 31 December 2009**

CONTACT DETAILS

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G P Briggs (Chief Executive Officer)

H O Meyer (Financial Director)

F Abbott (Executive Director)

J A Chissano\*

1

F F T De Buck\*, Dr C Diarra\*+,

K V Dicks\*, Dr D S Lushaba\*, C Markus\*,

M Motloba\*, C M L Savage\*, A J Wilkens\*

(\* non-executive)

1

(1 Mocambican)

(+ US/Mali Citizen)

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**Trading Symbols**

JSE Limited	HAR
New York Stock Exchange, Inc.	HMY
NASDAQ	HMY
London Stock Exchange Plc	HRM
Euronext, Paris	HG
Euronext, Brussels	HMY
Berlin Stock Exchange	HAM1

**Registration number** 1950/038232/06

Incorporated in the Republic of South Africa

**ISIN:** ZAE 000015228

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Dated:

February 8, 2010

Harmony Gold Mining Company Limited

By:

/s/

Hannes Meyer

Name:

Hannes Meyer

Title: Financial Director