

HARMONY GOLD MINING CO LTD

Form 6-K

August 05, 2008

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**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**

**August 5, 2008**

**Harmony Gold Mining Company Limited**

Randfontein Office Park  
CNR Ward Avenue and Main Reef Road  
Randfontein, 1760  
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

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**SIGNATURES**

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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: August 5, 2008

**Harmony Gold Mining Company Limited**

By: /s/ Graham Briggs

Name: Graham Briggs

Title: Chief Executive Officer

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**Johannesburg, Monday, 4 August 2008.** Harmony Gold Mining Company Limited (Harmony) is pleased to publish its Statement of Mineral Resources and Ore Reserves which has been produced in accordance with the South African Code for the Reporting of Mineral Resources and Mineral Reserves (SAMREC Code) and the Australian Code (JORC Code) as at 30 June 2008.

**Mineral Resources**

Harmony announces gold Mineral Resources of 253.6 million ounces. The Mineral Resources shows a year-on-year negative variance of 28 million ounces mainly as a result of corporate activity and classifying operations as discontinued. The discontinued operations amounts to 32,6 million ounces.

**Ore Reserves**

The declared Ore Reserves amounts to 50.5 million ounces with a year on year negative variance of 3.1 million ounces. Corporate activity and discontinued operations contributes to a significant portion of this variance of which the discontinued operations totals 1.7 million ounces. Table 1 shows more detail of the year on year reserve variance.

**Table 1. Ore reserve reconciliation: FY2007 to FY2008**

		<b>Gold (tonnes)</b>	<b>Gold (Moz)</b>
	<b>Balance at June 2007</b>	<b>1666</b>	<b>53.6</b>
<b>Reductions</b>	Mined during FY2008	(62)	(2.0)
	Corporate activity and discontinued operations	(93)	(3.0)
	Restructuring	(28)	(0.9)
	Other adjustments	(53)	(1.7)
	<b>Total</b>	<b>1430</b>	<b>46.0</b>
<b>Additions</b>	Freestate Surface Sources	140	4.5
	<b>Balance at June 2008</b>	<b>1570</b>	<b>50.5</b>

As indicated in the table above, Harmony's Ore Reserves as at 30 June 2008 reflects a year-on-year depletion of 2.0 million ounces. Corporate activity, discontinued operations, restructuring of certain shafts and geological related changes accounts for a further decrease of 5.6 million ounces of reserves. On the positive side there is a net addition of 4.5 million ounces of reserves from surface stockpiles.

A gold price of US\$750/oz was used for the conversion of Mineral Resources to Ore Reserves at our South African and Papua New Guinea operations. An exchange rate of USD/ZAR 7.46 for South Africa and AUD/USD 0.80 for Australia has been used, resulting in a gold price of R180 000/kg and A\$850/oz respectively.

**Issued by Harmony Gold Mining Company Limited****4 August 2008****For more details contact:****Graham Briggs****Chief Executive Officer****on +27 11 411 2012****+27(0)83 265 0274****Amelia Soares****General Manager, Investor Relations****on +27 11 411 2134****+27(0)82 654 9241****or****Jaco Boshoff****Executive, Ore Reserve & Resources****on +27(0)83 395 3810****Corporate Office:****Randfontein Gold Mine****P O Box 1**

**Randfontein**  
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**For the comprehensive set of  
results please visit  
[www.harmony.co.za](http://www.harmony.co.za)**

**JSE: HAR**  
**NYSE: HMY**  
**NASDAQ: HMY**  
**ISIN No.: ZAE000015228**

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<b>Underground and open pits</b>				
	<b>Tonnes</b>		<b>Gold ( 000</b>	<b>Gold ( 000</b>
	<b>(Mt)</b>	<b>g/t</b>	<b>kg)</b>	<b>oz)</b>
<b>Proven reserves</b>	<b>49</b>	<b>4.83</b>	<b>238</b>	<b>7,652</b>
<b>Probable reserves</b>	<b>177</b>	<b>4.25</b>	<b>751</b>	<b>24,138</b>
<b>Total</b>	<b>226</b>	<b>4.37</b>	<b>989</b>	<b>31,790</b>
<b>Surface Stockpiles</b>				
	<b>Tonnes</b>		<b>Gold ( 000</b>	<b>Gold ( 000</b>
	<b>(Mt)</b>	<b>g/t</b>	<b>kg)</b>	<b>oz)</b>
<b>Proven reserves</b>	<b>729</b>	<b>0.24</b>	<b>176</b>	<b>5,675</b>
<b>Probable reserves</b>	<b>70</b>	<b>0.35</b>	<b>25</b>	<b>795</b>
<b>Total</b>	<b>799</b>	<b>0.25</b>	<b>201</b>	<b>6,470</b>
<b>Below infrastructure</b>				
	<b>Tonnes</b>		<b>Gold ( 000</b>	<b>Gold ( 000</b>
	<b>(Mt)</b>	<b>g/t</b>	<b>kg)</b>	<b>oz)</b>
<b>Proven reserves</b>				
<b>Probable reserves</b>	<b>52</b>	<b>7.31</b>	<b>380</b>	<b>12,212</b>
<b>Total</b>	<b>52</b>	<b>7.31</b>	<b>380</b>	<b>12,212</b>

In addition to the gold reserves, Harmony also reports its equity reserves (69.9%) for silver, copper and molybdenum from its PNG operations (Table 3). Metal prices are assumed at US\$12/oz for silver, US\$2.40/lb for copper and US\$20/lb for molybdenum.

**Table 3. Silver, Copper and Molybdenum reserves as at 30 June 2008**

<b>SILVER</b>				
	<b>Tonnes</b>		<b>Silver ( 000</b>	<b>Silver ( 000</b>
	<b>(Mt)</b>	<b>g/t</b>	<b>kg)</b>	<b>oz)</b>
<b>Proven reserves</b>	<b>3</b>	<b>41.04</b>	<b>135</b>	<b>4,358</b>
<b>Probable reserves</b>	<b>22</b>	<b>36.94</b>	<b>819</b>	<b>26,354</b>
<b>Total</b>	<b>25</b>	<b>37.47</b>	<b>954</b>	<b>30,712</b>
<b>COPPER</b>				
	<b>Tonnes</b>		<b>Cu ( 000</b>	<b>Cu (M lbs)</b>
	<b>(Mt)</b>	<b>%</b>	<b>t)</b>	
<b>Proven reserves</b>				
<b>Probable reserves</b>	<b>50</b>	<b>1.13</b>	<b>560</b>	<b>1,234</b>
<b>Total</b>	<b>50</b>	<b>1.13</b>	<b>560</b>	<b>1,234</b>
<b>MOLYBDENUM</b>				
	<b>Tonnes</b>		<b>Mo ( 000</b>	<b>Mo (M</b>
	<b>(Mt)</b>	<b>ppm</b>	<b>t)</b>	<b>lbs)</b>
<b>Proven reserves</b>				
<b>Probable reserves</b>	<b>50</b>	<b>121</b>	<b>6</b>	<b>13</b>
<b>Total</b>	<b>50</b>	<b>121</b>	<b>6</b>	<b>13</b>

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This Statement forms part of the company's Mineral Resources and Ore Reserve declaration which will be published in our FY 2008 annual report towards the end of September 2008.

The competent persons responsible for the overall preparation and reporting of the company's mineral resources and ore reserves are Jaco Boshoff (South Africa) and Greg Job (Papua New Guinea).  
ends.