

HARMONY GOLD MINING CO LTD

Form 6-K

July 27, 2012

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 27 July 2012

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

**Issued by Harmony Gold
Mining Company Limited**

27 July 2012

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www.harmony.co.za**

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

**Registration number:
1950/038232/06**

Harmony's guidance for June 2012 quarter

Johannesburg, Friday, 27 July 2012. Harmony Gold Mining Company Limited (Harmony) announces that gold production* for the June 2012 quarter is likely to be 13% to 14% higher than the previous quarter, driven by higher tonnage and improved grade. Total operating costs were higher, mainly due to an increase in electricity tariffs and consumables. Cash operating cost per unit was approximately 5% lower quarter on quarter at R280 000/kg.

Chief Executive Officer, Graham Briggs, commented that: "June was a pleasing quarter, with operations performing more in line with their plans."

Harmony's results for the quarter and year ended 30 June 2012 will be released on

Thursday, 16 August 2012.

*Includes discontinued operations
ends.

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: July 27, 2012

Harmony Gold Mining Company Limited

By:

/s/ Frank Abbott

Name: Frank Abbott

Title: Financial Director