HARMONY GOLD MINING CO LTD Form 6-K January 22, 2009

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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

January 22, 2009

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 b 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 b

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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: January 22, 2009

Harmony Gold Mining Company Limited

By: /s/ Graham Briggs Name: Graham Briggs

Title: Chief Executive Officer

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Harmony Gold Mining Company Limited

Registration number 1950/038232/06

Incorporated in the Republic of South Africa

ISIN: ZAE000015228 JSE share code: HAR

(Harmony or the company)

Harmony Presentation

Harmony will be hosting analysts and fund managers today. The presentation will be available on the company s website at www.harmony.co.za at 08:00 am on Thursday, 22 January 2009.

For more details contact:

Graham Briggs

Chief Executive Officer

on +27(0)83 265 0274

or

Marian van der Walt

Executive: Corporate and Investor Relations

on +27(0)82 888 1242 22 January 2009

Sponsor: Merrill Lynch South Africa (Proprietary) Limited

Issued by Harmony Gold Mining Company Limited 22 January 2009 For more

details contact: Alwyn Pretorius

Chief Operating Officer

Elandsrand

on +27 (0)82 806 0872

Graham Briggs

Chief Executive Officer

on +27 (0)83 265 0274

or

Marian van der Walt

General Manager,

Investor Relations

on +27 11 411 2037 or

+27 (0)82 888 1242

Corporate Office:

Randfontein Gold Mine

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South Africa 1796

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For the comprehensive

set of results please visit

www.harmony.co.za

JSE: HAR NYSE: HMY NASDAQ: HMY

ISIN No.: ZAE000015228