

HARMONY GOLD MINING CO LTD  
Form 6-K  
August 27, 2009

**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 27, 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  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**

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 27, 2009

**Harmony Gold Mining Company Limited**

By: /s/ Graham Briggs

Name: Graham Briggs

Title: Chief Executive Officer

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**Harmony expands Papua New Guinea exploration portfolio**

**Johannesburg, Thursday, 27 August 2009.** Harmony Gold Mining Company Limited (Harmony) is pleased to advise that it has acquired two new exploration projects, the Amanab and the Mt Hagen Projects, in Papua New Guinea (PNG).

These exploration licenses (EL) complement the exploration activities undertaken by Harmony and underscore the company's commitment and belief in the developing minerals industry in PNG.

***Amanab Project EL1708***

Amanab project EL1708 was granted on 6 July 2009 and comprises of about 863 square kilometres of tenure. The tenement is located approximately 160km north of the OK Tedi copper-gold mine in the Sandaun Province and was pegged to target the bedrock source of the alluvial goldfield centered on the Yup River.

***Mt Hagen Project EL1611 & EL1596***

The Mt Hagen project comprises two contiguous tenements encompassing approximately 1100 square kilometres of tenure. The tenements are located approximately 20km north-northeast of Mt Hagen and are readily accessible via the Highlands Highway connecting Lae and Porgera.

Harmony acquired 100% of the mineral rights for EL1596 from Frontier Resources for the cash consideration of A\$300,000.

Harmony also acquired the rights to explore the adjacent tenement EL1611 over a four year period, with the condition that Harmony's exploration program meets the minimum annual expenditure commitment. At any time during this period Harmony may exercise an option to purchase 100% of the tenement for a total cash consideration of 6 million Kina.

**Issued by Harmony Gold Mining**

**Company Limited**

**27 August 2009**

**For more details contact:**

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**or**

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**JSE: HAR**

**NYSE: HMY**

**NASDAQ: HMY**

**ISIN No.: ZAE000015228**

Below is an outline showing locations of Harmony's mining and exploration tenure in Papua New Guinea ends.