
FORM 6-K

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Report of Foreign Private Issuer

Pursuant to Rule 13a-16 or 15d-16
of the Securities Exchange Act of 1934

Date: January 30, 2007

Commission File Number 001-31528

IAMGOLD Corporation

(Translation of registrant's name into English)

401 Bay Street Suite 3200, PO Box 153
Toronto, Ontario, Canada M5H 2Y4
Tel: (416) 360-4710

(Address of principal executive offices)

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

Form 20-F Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): _____

Note: Regulation S-T Rule 101(b)(1) only permits the submission in paper of a Form 6-K if submitted solely to provide an attached annual report to security holders.

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): _____

Note: Regulation S-T Rule 101(b)(7) only permits the submission in paper of a Form 6-K if submitted to furnish a report or other document that the registrant foreign private issuer must furnish and make public under the laws of the jurisdiction in which the registrant is incorporated, domiciled or legally organized (the registrant's "home country"), or under the rules of the home country exchange on which the registrant's securities are traded, as long as the report or other document is not a press release, is not required to be and has not been distributed to the registrant's security holders, and, if discussing a material event, has already been the subject of a Form 6-K submission or other Commission filing on EDGAR.

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

Yes No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82- _____

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.

IAMGOLD CORPORATION

Date: January 30, 2007

By: /s/ Larry E. Phillips

Larry E. Phillips
Vice-President, Corporate Affairs & Corporate Secretary

INDEX

Exhibit 99.1 - [IAMGOLD Fourth Quarter Activity Report](#)

IAMGOLD Fourth Quarter Activity Report

Toronto, Ontario, January 30, 2007 - IAMGOLD Corporation (“IAMGOLD” or “the Company”) is pleased to report the operating activities for the fourth quarter ended December 31st, 2006, in accordance with ASX Listing Rule 5.1. Fourth quarter financial results will be released on March 15, 2007. The Company’s senior management will host a conference call on Thursday March 15, 2007 at 11:00 am (EST) to discuss financial results.

To participate in the conference call:

Via telephone:

Local:

416-644-3430

N.A. Toll Free:

1-800-732-9307

Australia Toll Free:

011-800-0022-8228

Or via audio cast @ www.iamgold.com

Fourth Quarter Highlights:

- **Completion of the Cambior transaction**
- **Gold production of 219,972 ozs**
- **Sixth consecutive annual dividend of \$CAD0.07 declared**
- **Announcement of the OMAI Bauxite sale**

Mine Production and Development

Production at all operating properties totalled 219,972 ounces of gold in the quarter. Production includes full quarter production from Sadiola and Yatela mines in Mali, Tarkwa and Damang mines in Ghana and Mupane mine in Botswana, and close to two months production from Rosebel mine in Surinam, Doyon Division and Sleeping Giant in Canada, following the acquisition of Cambior on November 8, 2006.

The focus for the fourth quarter was the integration of IAMGOLD’s newly acquired assets and people resulting from the transaction completed November 8, 2006.

At Sadiola, optimization work on the pre-feasibility of the Deep Sulphide project continued through the quarter to determine the viability of this deposit. Results should be available shortly.

At Tarkwa, it was announced in late November that the 2nd phase mill expansion will go ahead. The first part of this project relates to expansion of the existing Carbon-in-Leach (“CIL”) process plant facility to increase current capacity. The second part of this project is an expansion of Tarkwa’s North Heap Leach facility which will enable the continuation of stacking at the North facility until June 2011. The total cost is expected to be \$US 175 million.

Exploration Activity

During the quarter at Camp Caiman in French Guiana, the application to obtain the required operating permits was resubmitted after the original application was withdrawn in October. The revised application will be reviewed and public consultations will occur in the first quarter of 2007. It

is expected these permits will be mid year 2007.

At La Arena in Peru, the fourth quarter work focused on the completion of the pre-feasibility. The study is currently being reviewed internally.

At Buckreef, drilling continued throughout the quarter to further develop the resource and to test additional targets. Work also continued to identify new targets on the highly prospective 40km tenement strip.

There were 2 drill rigs on site at Quimsacocha, located in Ecuador, during the fourth quarter to complete the 2006 drill program. Drilling was focused on new targets identified through various geophysical methods and are located outside the zone containing the known resource. Work also continued on other aspects of this project toward the next stage of development.

Work also continued on various other exploration projects in Tanzania, Senegal, Argentina and Brazil.

Corporate Activity

On November 8, 2006 IAMGOLD completed the structured Plan of Arrangement with Cambior Inc. Under this arrangement, Cambior shareholders received 0.42 IAMGOLD shares for each Cambior share. This \$3 billion transaction created the tenth largest publicly traded primary gold producer in the world. Cambior's shareholders voted in favour of Plan of Arrangement on November 7th, 2006. The formal closing of this transaction occurred November 8, 2006.

On December 21, 2006, IAMGOLD announced its intention to delist from the ASX, effective March 30, 2007. Additional information about the delisting can be found at www.iamgold.com.

About IAMGOLD Corporation

IAMGOLD Corporation is an established mid-tier gold mining and exploration company. Following the acquisition of Gallery Gold Limited in early 2006, and Cambior in late 2006, IAMGOLD's interests include eight operating gold mines located throughout Africa and the Americas and a niobium producer in Canada. Its advanced exploration projects include the Camp Caiman project in French Guiana, and Quimsacocha project in Ecuador. IAMGOLD's securities trade on the Toronto, New York, Australian and Botswana stock exchanges.

For further information please contact :

IAMGOLD Corporation :

Lisa Doddridge

Director, Investor Relations

Tel: (416) 360-4710

Fax: (416) 360-4764

Toll-free: 1 888 IMG-9999

Please note:

This entire press release may be accessed via fax, e-mail, IAMGOLD's website at www.iamgold.com and through CCMatthew's website at www.ccnmatthews.com. All material information on IAMGOLD can be found at www.sedar.com or at www.sec.gov.