
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: October 20, 2010
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- _____

Description of Exhibit

<u>Exhibit</u>	<u>Description of Exhibit</u>
99.1	IAMGOLD Launches Expansion Feasibility Study for its Essakane Mine in Burkina Faso

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: October 20, 2010

By: /s/ Jeffery A. Snow

Jeffery A. Snow
Senior Vice President, General Counsel and Corporate Secretary



TSX: IMG NYSE: IAG BSE: IAMGOLD

NEWS RELEASE

IAMGOLD Launches Expansion Feasibility Study for its Essakane Mine in Burkina Faso

All figures in U.S. dollars unless otherwise specified.

Toronto, Ontario, October 20, 2010 – IAMGOLD Corporation (“IAMGOLD” or the “Company”) announced today that it has launched a full Feasibility Study (the “Study”) to review the expansion of the Essakane Mine in Burkina Faso in West Africa. The decision to proceed with the Study was based on positive results from the ongoing drill campaign and on the findings of a recently completed Conceptual Study. The Study is scheduled for completion in the third quarter of 2011.

“We are very enthusiastic about this organic growth opportunity to expand Essakane and to continue to build upon the Company’s million ounce platform of world-class low-cost mines,” said Peter C. Jones, President and Chief Executive Officer. “Since the acquisition of Essakane, the Company has always considered expansion to be a strong possibility to add value beyond the original project.”

Mr. Jones continued, “On the back of continued drilling success in 2010, the Feasibility Study will commence immediately. The current mine plan includes processing of soft rock for the first three years at a rate of 9.0 million tonnes per year, followed by approximately nine years of processing hard rock. The Study is expected to demonstrate that the hard rock capacity of the mill could be expanded to process approximately 10.8 million tonnes per year versus the current plan to process 5.4 million tonnes per year. We believe that the expansion could have the potential to increase production at Essakane from the currently estimated life-of-mine average production of 315,000 ounces per year to an estimated 450,000 to 470,000 ounces per year.”

The objectives of the Study are:

- to confirm the financial viability of the expansion;
- to review all associated risks and opportunities previously defined in the Conceptual Study;
- to delineate further resources and convert a portion of the resources into the reserve category; and
- to refine the engineering and costs estimates to within a +/- 15% tolerance.

Assuming a positive outcome of the Study, construction could commence as early as Q4 2011. The Company has committed to spend \$14 million to complete the Study, to increase the size of the assay lab to accommodate increased drilling and to place advance orders for some equipment that require long lead-times for delivery within the expansion schedule.

Essakane is 90% owned by IAMGOLD, with the Government of Burkina Faso holding the remaining 10%. Essakane reached commercial production in July 16, 2010, well ahead of schedule and on budget and is continuing to ramp up its throughput and production.

Forward Looking Statement

This news release contains forward-looking statements. All statements, other than of historical fact, that address activities, events or developments that the Company believes, expects or anticipates will or may occur in the future (including, without limitation, statement regarding the estimation of mineral resources, exploration results, potential mineralization, potential mineral resources and mineral reserves are forward-looking statements. Forward-looking statements are generally identifiable by use of the words “may”, “will”, “should”, “continue” “expect”, “anticipate”, “estimate”, “believe”, “intend”, “plan” or “project” or the negative of these words or other variations on these word or comparable terminology. Forward-looking statements are subject to a number of risks and uncertainties, many of which are beyond the Company’s ability to control or predict, that may cause the actual results of the Company to differ materially from those discussed in the forward-looking statements. Factors that could cause actual results or events to differ materially from current expectations include, among other things, without limitation, failure to establish estimated mineral resources, the possibility that future exploration results will not be consistent with the Company’s expectations, changes in world gold markets and other risks disclosed in IAMGOLD’s most recent Form 40-F/Annual Information Form on file with the United States Securities and Exchange Commission and Canadian provincial securities regulatory authorities. Any forward-looking statement speaks only as of the date on which it is made and, except as may be required by applicable securities laws, the Company disclaims any intent or obligation to update any forward-looking statement.

About IAMGOLD

IAMGOLD (www.iamgold.com) is a leading mid-tier gold mining company producing approximately one million ounces annually from 8 gold mines on 3 continents and over 4 million kilograms of niobium from the Niobec mine in Canada. IAMGOLD is uniquely positioned with a strong financial position and extensive management and operational expertise. To grow from this strong base, IAMGOLD has a pipeline of development and exploration projects and continues to assess accretive acquisition opportunities. IAMGOLD’s growth plans are strategically focused in West Africa, select countries in South America and in the Canadian provinces of Ontario and Québec.

For further information please contact :

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Please note:

Si vous désirez obtenir la version française de ce communiqué, veuillez consulter le <http://www.iamgold.com/French/Home/default.aspx>.