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# 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: September 6, 2007  
Commission File Number 001-31528

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## 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**

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(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- \_\_\_\_\_

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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.

### IAMGOLD CORPORATION

Date: September 6, 2007

By: /s/ Larry E. Phillips

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

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Description of Exhibit

<u>Exhibit</u>	<u>Description of Exhibit</u>
99.1	<a href="#">IAMGOLD WESTWOOD SCOPING STUDY SHOWS POSITIVE ECONOMICS</a>



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## PRESS RELEASE

No. 23/07

### IAMGOLD WESTWOOD SCOPING STUDY SHOWS POSITIVE ECONOMICS

**Toronto, Ontario, September 6, 2007** – IAMGOLD Corporation (“IAMGOLD” or “the Company”) is pleased to announce the results of the internal scoping study regarding the Westwood project. Results from this baseline economic assessment confirm the potential for Westwood to significantly contribute to the Company’s long term production profile.

With inferred resources of more than 3 million ounces and based on an average life of mine diluted grade of 6.2g/t, which assumes a 3 metre mining width, a 20% dilution factor and a 95% mining recovery, Westwood would be expected to produce 200,000 ounces of gold per year for approximately 15 years with production beginning in 2012.

“We are very pleased with the Westwood project preliminary economics which are based on conservative assumptions. Our intention is to accelerate our exploration efforts during 2007 and 2008 as well begin planning for shaft development in 2009. We continue to be encouraged with exploration results and the deposits remain open at depth,” commented Joseph Conway, President and CEO of IAMGOLD.

Operating parameters assume a 2,800 tonnes per day processing facility and total operating costs (excluding pre-production or sustaining capital expenditures) of US\$70.00 per tonne or US\$360 per ounce. Pre-production capital expenditure is expected to total US\$316 million of which \$146 million is allocated to surface and shaft construction. Approximately \$80 million would be spent on deferred development to ensure sufficient working positions. Diamond drilling would total \$25 million and \$28 million would be required for underground mining equipment. The remaining \$37 million is allocated for other costs including corporate G&A and insurance.

The purpose of this scoping study was to establish economic viability based on conservative parameters. In addition to the positive impact of further resource development, the rate of return is expected to improve based on operating cost improvements. These improvements will primarily be realized through reductions in the assumed mining width, optimization of the development plan and incorporating access to the higher grade ore in the first years of the mine life. Capital expenditures will also be reviewed to ensure the use of the best technology and practices.

The shaft sinking is anticipated to begin in 2009. The immediate next steps include lateral development to establish mineralization continuity as well as further definition and exploration drilling.

## **Qualified Person**

*This economic study was carried out by IAMGOLD employees, under the supervision of Mr. Elzear Belzile, Manager, Mine Geology and Daniel Vallieres Manager, Underground Projects. Mr. Belzile is a qualified person (as defined by National Instrument 43-101) with more than 20 years of experience in mine and exploration geology. Mr. Vallieres is a qualified person (as defined by National Instrument 43-101) with more than 15 years of experience in mine engineering and project evaluation. Mr. Belzile and Mr. Vallieres have reviewed and approved the contents of this press release.*

## **Cautionary Note**

*This assessment is preliminary in nature, includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves and there is no certainty that this preliminary assessment will be realized. Mineral resources that are not mineral reserves do not have demonstrated economic viability.*

## **Cautionary Note to U.S. Investors**

*The United States Securities and Exchange Commission (the "SEC") permits mining companies, in their filings with the SEC, to disclose only those mineral deposits that a company can economically and legally extract or produce. We use certain terms in this press release, such as "mineral resources", that the SEC guidelines strictly prohibit us from including in our filings with the SEC. U.S. investors are urged to consider closely the disclosure in the IAMGOLD Annual Report on Form 40-F. A copy of the 2006 Form 40-F is available to shareholders, free of charge, upon written request addresses to the Investor Relations Department.*

## **Forward Looking Statement**

*This press release includes certain "Forward-Looking Statements" within the meaning of section 21E of the United States Securities Exchange Act of 1934, as amended. All statements, other than statements of historical fact, included herein, including without limitation, statements regarding potential mineralization and reserves, exploration results and future plans and objectives of IAMGOLD, are forward-looking statements that involve various risks and uncertainties. There can be no assurance that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. Important factors that could cause actual results to differ materially from IAMGOLD's expectations are disclosed under the heading "Risk Factors" and elsewhere in IAMGOLD documents filed from time-to-time with the Toronto Stock Exchange, the United States Securities and Exchange Commission and other regulatory authorities.*

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**For further information please contact :**

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Please note:

This entire press release may be accessed via fax, e-mail, IAMGOLD's website at [www.iamgold.com](http://www.iamgold.com) and through Marketwire's website at [www.marketwire.com](http://www.marketwire.com). All material information on IAMGOLD can be found at [www.sedar.com](http://www.sedar.com) or at [www.sec.gov](http://www.sec.gov).

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