

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 28, 2005
Commission File Number 001-31528

IAMGold Corporation

(Translation of registrant's name into English)

220 Bay Street, 5th Floor
Toronto, Ontario M5J 2W4, Canada
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: October 28, 2005

/s/ Larry E. Phillips

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

INDEX

Exhibit 99.1 - Press Release dated October 28, 2005 - " IAMGOLD ANNOUNCES AN INDICATED RESOURCE OF 2.8 MILLION OUNCES OF GOLD AT QUIMSACOCCHA "



IAMGOLD CORPORATION

220 Bay Street, 5th Floor, Toronto ON M5J 2W4 Canada

Telephone: (416) 360-4710, Fax: (416) 360-4750, Toll Free 1-888-IMG-9999

website: www.iamgold.com • E-mail: info@iamgold.com

TSX Trading Symbol:	IMG
AMEX Trading Symbol:	IAG
Fully Diluted:	151.6MM

FOR IMMEDIATE RELEASE: October 28, 2005

No. 14/05

IAMGOLD ANNOUNCES AN INDICATED RESOURCE OF 2.8 MILLION OUNCES OF GOLD AT QUIMSACOCHA

Toronto, Ontario, October 28, 2005 - IAMGOLD Corporation ("IAMGOLD" or "the Company") is pleased to announce that an independent resource estimate at its 100% owned Quimsacocha gold deposit in southern Ecuador shows a total indicated mineral resource of 22.5 million tonnes at 3.9 g/t gold, 25 g/t silver and 0.16% copper at a 1.0 g/t gold cut-off giving a total of 2.8 million ounces of gold. There is also an inferred mineral resource of 2.5 million tonnes at 2.1 g/t gold, 15 g/t silver and 0.12% copper giving an additional 0.2 million ounces of gold.

"We are very excited about the release of these results", commented Joseph Conway, President and CEO of IAMGOLD. "The estimate is based on 147 holes but drilling continues and we are still finding mineralization. We have not yet closed off the deposit to the south and it is clear that this resource number will grow. It is particularly gratifying that such a large proportion, over 90%, of the resource can be classified in an indicated category. The impact on IAMGOLD's total resource is significant as it represents an increase of 38% to our current resource base of 7.9 million ounces. This exploration success has the potential to substantially increase our future gold production profile."

The resource estimate was carried out by Roscoe Postle Associates Inc. (RPA). It includes assays from 147 diamond drills holes totaling 37,423 metres. RPA has reported a resource estimate based on various cut-off grades as shown in the tables below.

Indicated Resource at Quimsacocha:

Cut-off grade (g/t gold)	Tonnage (M tonnes)	Gold (g/t)	Silver (g/t)	Copper (%)	Contained Gold (000 ozs)	Contained Silver (000 ozs)
3.0	9.1	6.6	40	0.23	1,945	11,830
2.0	14.9	5.0	32	0.18	2,381	15,177
1.0	22.5	3.9	25	0.16	2,797	18,233

Inferred Resource at Quimsacocha:

Cut-off grade (g/t gold)	Tonnage (M tonnes)	Gold (g/t)	Silver (g/t)	Copper (%)	Contained Gold (000 ozs)	Contained Silver (000 ozs)
3.0	0.4	4.0	29	0.19	45	331
2.0	0.9	3.0	23	0.17	90	693
1.0	2.5	2.1	15	0.12	168	1,227

Notes: High gold values are cut to 90 g/t in the high grade zone and to 50 g/t in other zones
Silver and copper values are uncut
Gold grade is estimated by ordinary kriging; silver and copper by inverse distance squared

A high grade zone within the Quimsacocha deposit contains over half of the gold. At the 1.0 g/t Au cut-off, the high grade zone totals 8.5 million tonnes averaging 6.8 g/t gold (cut), 42 g/t silver and 0.24% copper, all in the indicated mineral resource category, giving 1.85 million ounces of gold.

Exploration spending at Quimsacocha has been increased from \$3.9M to \$5.3M for 2005. Drill results continue to show mineralization to the south east and other targets exist on the property. Optimization of a treatment process based on previous metallurgical results continues and an additional 17 samples are being tested in Canada by SGS Lakefield Research Limited.

Qualified Person/Quality Control Notes

The "Qualified Person" reviewing the work at Quimsacocha is Dennis Jones, P. Geo, Vice-President Exploration at IAMGOLD, who as a result of his education, affiliation with a professional association and past relevant work experience, fulfills the requirements to be a "Qualified Person" for the purposes of NI43-101. The "Qualified Person" responsible for RPA's independent resource estimate was Wayne Valliant, P. Geo.

- 30 -

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.

For further information please contact :

IAMGOLD Corporation :

Dennis Jones

Vice President Exploration

Tel: (416) 360-4710

Lisa Doddridge

Manager, Investor Relations

Toll-free: 1 888 IMG-9999

Fax: (416) 360-4750

Please note:

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