

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 17, 2006
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: January 17, 2006

/s/ Larry E. Phillips

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

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Exhibit 99.1 - Press Release dated January 17, 2006: "Mineralization Continues With Final 2005 Drill Results At Quimsacocha"



IAMGOLD CORPORATION

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TSX Trading Symbol:	IMG
AMEX Trading Symbol:	IAG
Fully Diluted Shares Outstanding:	151.7MM

FOR IMMEDIATE RELEASE: JANUARY 17, 2006

No. 01/06

MINERALIZATION CONTINUES WITH FINAL 2005 DRILL RESULTS AT QUIMSACOCHA

Toronto, Ontario, January 17, 2005- IAMGOLD Corporation ("IAMGOLD" or "the Company") is pleased to announce the results of an additional 37 diamond drill holes on its 100% owned Quimsacocha project in Ecuador. The Quimsacocha property is located 40 kilometres southwest of the city of Cuenca in southern Ecuador. These results are the final results from the 2005 drill program, which totaled 27,272 metres and confirm the continuation of mineralization to the south of the defined deposit.

Joe Conway, President and CEO of IAMGOLD, commented: "Results from Quimsacocha continue to be very encouraging. Strong mineralization exists for at least 500m beyond the initial 1 km resource area, which confirms that this resource will grow and we have not closed off the deposit in any direction. At 750m south of the existing resource, the mineralization still exists, albeit less intense, however, silver values are increasing.

We expect that the Quimsacocha deposit will grow significantly from the 3 million ounce gold resource announced in October as additional targets continue to be drilled.

The 2006 exploration budget for Quimsacocha will focus on further delineation of the deposit during the first half of the year. Additional targets will be tested during the second half of 2006. Exploration expenditure during the first six months will exceed \$5 million, roughly equal to the entire 2005 budget."

The 2006 drill program includes targets directly north of the resource within the north - south trend of mineralization and to the north east into the Las Costillas region. The increasing silver contents will be further investigated and infill drilling will continue. Metallurgical testing also continues with results expected later in the first quarter.

The significant results are shown in Table 1. The collar locations of the inclined drill holes can be found in Figure 1 and additional figures can be found at:

http://www.iamgold.com/documents/PR1_Quimsacochareresults.pdf

Table 1
 Significant Intersections from 2005 Drilling
 At Quimsacocha as Reported on January 16, 2006

Hole	From m	To m	Length m	Gold g/t	Silver g/t	Cu %
229*	140.2	167.7	27.6	4.5	21.6	0.1
including	147.0	152.3	5.3	15.2	50.1	0.2
	201.6	219.7	18.1	1.8	16.0	0.1
238*	138.0	178.6	40.6	2.9	22.8	0.1
	212.4	242.3	29.9	1.3	39.4	0.1
including	212.4	221.2	8.8	2.8	58.4	0.4
240	143.8	182.2	38.3	2.6	21.5	0.1
including	148.6	152.0	3.4	9.2	42.0	0.0
	220.2	225.2	5.0	3.5	78.8	0.3
241	146.6	183.2	36.6	0.9	27.9	0.0
including	180.0	183.2	3.2	0.4	112.5	0.0
including	146.6	154.0	7.4	1.5	17.5	0.0
242	99.7	183.6	84.0	2.1	12.3	0.1
including	146.0	173.0	27.0	3.1	18.0	0.1
	122.0	138.9	16.9	2.6	8.0	0.1
243	144.6	185.2	40.7	1.7	44.4	0.0
244	139.0	182.6	43.6	2.4	23.9	0.1
	170.5	182.6	12.1	4.1	59.7	0.3
245	165.1	192.32	27.22	1.4	162.2	0.2
including	187	192.32	5.32	3.8	566.0	0.6
246	146.5	181.3	34.8	2.8	72.4	0.1
including	169.4	175.7	6.3	5.2	148.0	0.3
including	152.9	157.1	4.3	3.1	21.5	0.1
248	10.8	18.3	7.5	2.0	2.8	0.0
249	138.2	177.5	39.4	1.2	19.8	0.1
	72.0	74.0	2.0	4.4	0.2	0.0
250	94.5	99.1	4.6	1.5	1.0	0.0
	127.6	164.5	36.8	2.3	14.1	0.1
Including	134.8	142.5	7.8	4.0	20.1	0.2
	173.7	175.3	1.6	5.5	45.5	0.2
251	151.6	186.0	34.5	1.0	70.4	0.0
Including	177.0	186.0	9.0	0.5	187.9	0.1
	97.4	99.5	2.1	1.6	1.0	0.0
252	162.2	193.0	30.8	1.6	212.9	0.0
Including	171.5	193.0	21.5	1.9	302.0	0.1
253	110.4	161.6	51.2	2.4	10.2	0.1
including	122.0	147.3	25.3	3.1	9.2	0.1
including	122.0	127.2	5.2	5.2	10.1	0.0
254	112.5	134.0	21.5	2.7	15.0	0.0

255	141.4	175.6	34.3	1.5	13.9	0.0
256	148.2	161.9	13.7	1.3	15.9	0.1
including	166.0	182.0	16.0	0.9	174.2	0.2
257	60.1	85.0	24.9	3.3	1.5	0.0
including	61.6	67.6	6.0	7.0	1.0	0.0
258	0.0	18.3	18.3	0.5	3.0	0.0
259	86.0	169.5	83.5	1.8	21.4	0.1
including	129.6	135.2	5.6	5.8	27.1	0.2
including	88.5	92.5	4.0	4.4	1.8	0.0
260	122.0	186.0	64.0	2.1	27.6	0.1
including	129.0	142.5	13.5	3.6	2.3	0.0
including	173.0	177.0	4.0	3.7	56.6	0.2
262	108.0	150.0	42.0	1.0	19.6	0.1
including	138.0	145.0	7.0	2.0	30.9	0.2
including	138.0	150.0	12.0	1.7	57.5	0.1
including	147.0	150.0	3.0	1.8	124.7	0.1
263	159.5	191.1	31.6	2.2	223.5	0.1
including	176.4	191.1	14.7	1.6	449.8	0.1
including	159.5	187.5	28.0	2.4	161.0	0.1
including	167.8	170.1	2.3	4.7	28.7	0.1
264	123.0	160.0	37.0	1.4	37.0	0.1
including	132.0	140.0	8.0	3.0	11.7	0.0
including	152.0	155.0	3.0	2.4	170.5	0.5
including	136.0	138.0	2.0	5.0	20.0	0.1
265	178.3	189.9	11.6	0.5	844.2	0.1
Including	182.0	184.4	2.4	0.2	3179.4	0.1
266	161.8	186.0	24.2	0.6	28.6	0.1
Including	181.0	186.0	5.0	0.5	74.8	0.1
267	146.4	209.2	62.8	0.5	89.2	0.1
Including	168.0	209.2	41.2	0.6	135.2	0.1
Including	186.0	205.7	19.7	0.5	237.9	0.0
Including	205.1	208.3	3.3	0.9	57.9	0.1
268	153.0	185.7	32.7	1.3	37.1	0.1
including	176.0	177.9	1.8	5.9	281.1	0.3
including	153.0	155.0	2.0	4.4	16.0	0.0
including	157.0	161.6	4.6	1.3	11.8	0.0
including	173.0	185.7	12.7	1.6	82.5	0.1
269	168.5	187.0	18.5	0.6	519.5	0.1
Including	174.0	185.9	11.9	0.8	803.0	0.2
Including	174.0	178.0	4.0	1.3	895.5	0.3
271	149.8	198.1	48.4	1.2	23.2	0.0
Including	158.0	173.6	15.6	1.7	22.6	0.0
Including	194.4	198.1	3.7	1.4	32.1	0.1
Including	181.0	182.0	1.0	3.9	52.2	0.0

272	168.3	171.7	3.4	0.4	24.3	0.0
273	129.0	175.0	46.0	1.9	12.1	0.1
Including	134.1	139.0	4.9	4.1	1.3	0.0
Including	147.8	155.0	7.2	2.9	3.3	0.1
274	171.6	183.3	11.7	2.4	33.5	0.1
including	173.0	182.4	9.3	2.8	38.2	0.1
275	131.0	149.0	18.0	0.5	8.1	0.0
Including	131.0	137.0	6.0	4.9	3.6	0.0
Including	142.0	144.0	2.0	4.1	15.3	0.0
276	124.0	161.3	37.3	1.9	4.5	0.0
Including	124.0	138.0	14.0	2.4	4.4	0.0
Including	150.0	161.3	11.3	2.3	7.2	0.1

* - includes some previously released results.
Holes 247, 261, 270 showed no mineralization.

Qualified Person/Quality Control Notes

Analyses of gold in drill core samples were carried out by fire assay at the laboratory of BSI in Lima, Peru and copper and silver analyses were carried out by the same laboratory.

The "Qualified Person" reviewing the work at Quimsacocha is John McCombe, P. Eng., Vice-President Operations 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.

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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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