

IAMGOLD CORP

FORM 6-K (Report of Foreign Issuer)

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Industry	Gold & Silver
Sector	Basic Materials
Fiscal Year	12/31

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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: August 8, 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: August 9, 2006

/s/ Larry E. Phillips

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

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Exhibit 99.1 - Press Release dated August 8, 2006: " IAMGOLD Announces Quimsacocha Drill Results "



IAMGOLD ANNOUNCES QUIMSACOCHA DRILL RESULTS

Toronto, Ontario, August 8, 2006 - IAMGOLD Corporation (“IAMGOLD” or “the Company”) is pleased to announce the results of an additional 39 diamond drill holes on its 100% owned Quimsacocha Project in Ecuador, including an intersection of 108 meters averaging 16.2 grams per tonne (g/t) gold, 83.6 g/t silver and 1.3% copper (Hole 333). Quimsacocha is located 40 kilometers southwest of the city of Cuenca in southern Ecuador.

“The drill results continue to be very encouraging,” commented Joseph Conway, President and CEO of IAMGOLD, “and importantly, Holes 333 and 337, located in the southern portion of the deposit, are among the best intersections to date. They indicate the potential for a structurally controlled high grade zone within the resource. Further drilling will be targeting this structure, the delineation of which has important implications for any future mining operations.”

The ongoing drill programme for 2006 has continued to upgrade and confirm the known resource and has established the continuation of the high grade zone between the northern and southern parts of the deposit. The results of the 2006 programme will be included in an updated resource model for the deposit expected by the fourth quarter.

Recent interpretations of geophysical data have also indicated that the Quimsacocha mineralized system is much larger than previously thought and a number of new targets showing similar responses to the main orebody have been identified and will be tested by drilling as part of the ongoing 2006 exploration programme.

The intersections from the recent drilling are presented in Table 1. The collar locations of the drill holes can be found in Figure 1. Additional figures can be found at: www.iamgold.com.

Table 1
 Significant Intersections from 2006 Infill Drilling
 At Quimsacocho as Reported on July 31, 2006
 (Intersections where gold values are >5g/t are highlighted)

Hole	From m	To m	Length m	Gold g/t	Silver g/t	Cu %
308	107.1	159.1	52.0	2.5	14.3	0.1
including	151.8	158.0	6.2	7.4	51.2	0.3
309	136.0	176.0	40.0	1.9	21.7	0.1
310	154.0	174.9	20.9	4.7	25.7	0.2
including	155.7	167.0	11.3	6.0	25.5	0.3
312	124.0	132.0	8.0	1.7	4.9	0.0
	136.0	146.0	10.0	2.8	14.0	0.2
	152.0	179.6	27.6	2.4	14.0	0.3
	188.0	203.0	15.0	3.1	17.0	0.1
313	113.4	180.2	66.8	3.0	28.0	0.2
314	126.5	160.3	33.8	2.3	17.0	0.1
315	143.6	174.0	30.4	1.9	19.0	0.3
	203.5	221.9	18.5	1.4	12.0	0.1
316	158.8	179.0	20.2	2.1	38.0	0.2
317	141.0	162.0	21.0	3.2	31.4	0.2
	164.5	180.0	15.5	2.3	38.0	0.0
318	156.0	181.4	25.4	2.5	10.0	0.0
319	132.6	142.1	9.6	2.1	7.5	0.2
	148.9	180.1	30.2	3.1	34.0	0.2
320	30.3	38.9	8.6	1.5	8.5	0.2
321	178.0	198.3	20.3	3.7	7.6	0.1
including	184.0	190.0	6.0	5.8	9.1	0.1
	228.9	237.7	8.8	1.9	14.0	0.2
322	140.1	177.3	37.2	4.3	54.4	0.1
including	141.5	156.0	14.5	5.9	37.0	0.1
and	158.0	167.0	9.0	5.2	62.3	0.1
323	92.0	128.0	36.0	7.1	15.3	0.6
including	113.0	126.1	13.1	17.9	27.9	1.6
including	123.4	126.1	2.7	76.7	88.9	7.2
324	146.0	184.0	38.0	4.3	14.4	0.1
including	161.0	171.0	10.0	6.5	27.1	0.2
and	176.0	182.0	6.0	8.1	18.3	0.1
	204.0	210.0	6.0	2.3	12.2	0.1
	227.1	230.3	3.2	5.6	55.4	0.6
	233.2	238.3	5.2	14.0	367.0	6.7

	325	111.0	144.5	33.5	1.6	16.7	0.0
		148.9	173.0	24.1	2.8	30.9	0.2
	326	141.2	152.5	11.3	2.5	5.7	0.0
		169.0	188.8	19.8	2.1	12.0	0.1
		199.8	207.3	7.4	1.8	25.0	0.1
	327	109.0	154.6	45.6	2.9	20.0	0.1
	328	134.8	153.0	18.2	3.8	9.2	0.1
including		145.0	151.0	6.0	7.8	20.0	0.2
		158.0	205.0	47.0	2.6	10.0	0.1
including		164.5	171.0	6.5	5.8	12.0	0.1
		179.0	189.0	10.0	3.2	18.0	0.3
	329	114.9	166.6	51.8	2.4	14.0	0.1
	330	112.1	168.8	56.7	2.1	10.0	0.1
including		136.0	152.0	16.0	3.0	8.7	0.1
	331	125.6	187.4	61.8	2.5	14.0	0.1
	332	105.6	124.0	18.4	7.6	23.0	0.5
		139.0	147.8	8.8	3.2	18.0	0.3
including	333	101.0	209.0	108.0	16.2	83.6	1.3
		147.7	184.0	36.3	44.1	229.0	3.6
including	334	104.0	174.0	70.0	2.5	9.7	0.1
including		138.0	149.0	11.0	3.9	15.1	0.2
	335	136.9	179.0	42.1	3.6	32.0	0.1
including		144.0	149.9	5.9	9.5	29.0	0.1
	336	151.0	186.5	35.5	2.8	6.9	0.1
including		153.0	162.0	9.0	4.4	9.8	0.1
	337	108.2	176.9	68.7	10.0	25.2	0.7
including		110.7	150.6	39.9	14.9	32.9	0.9
	338	137.5	175.9	38.4	2.9	22.0	0.1
	including	165.0	175.9	10.9	4.1	49.0	0.2
	339	97.7	103.6	5.9	4.1	16.2	0.1
		108.3	154.0	45.7	5.6	23.1	0.2
including		129.5	138.6	9.1	6.7	25.8	0.3
	340	110.0	164.6	54.6	1.2	2.8	0.0
	341	218.2	224.2	6.0	1.2	36.0	0.1
		233.9	236.4	2.5	1.2	33.0	0.1
	342	171.6	185.0	13.5	1.8	34.0	0.1
	344	120.1	199.7	79.7	2.8	7.8	0.2
including		140.0	153.5	13.6	6.5	12.0	0.2
	345	84.6	95.0	10.5	2.4	29.0	0.1
	346	143.0	165.8	22.8	2.6	9.5	0.1
		175.4	191.2	15.9	3.2	9.0	0.1

	347	66.0	151.3	85.3	3.1	12.0	0.1
Including		114.5	151.3	36.8	5.4	21.0	0.1
	348	120.5	163.7	43.2	2.2	15.0	0.1
including		120.5	129.4	8.9	5.8	24.0	0.1

* Hole 343 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. As part of the quality control program 10% of the total drilled samples were re-analyzed by ALS Chemex, also in Lima.

The "Qualified Person" reviewing the work at Quimsacocha is Marcus Tomkinson, Vice-President of Exploration at IAMGOLD, who as a result of his education, affiliation with a professional association and good background, fulfills the requirements to be a "Qualified Person" for the purposes of NI43-101.

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Please note:

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