

# IAMGOLD CORP

## FORM 6-K (Report of Foreign Issuer)

Filed 5/18/2005 For Period Ending 5/16/2005

Address	220 BAY ST 5TH FL TORONTO ONTARIO CANADA, M5J 2W4
Telephone	416-360-4710
CIK	0001203464
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: May 16, 2005

Commission File Number 001-31528

# IAMGold Corporation

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(Translation of registrant's name into English)

**220 Bay Street, 5<sup>th</sup> Floor**  
**Toronto, Ontario M5J 2W4, Canada**  
**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: May 16, 2005

/s/ Larry E. Phillips

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

### INDEX

Press Release dated May 16, 2005: " IAMGOLD Links Mineralized Zones At Quimsacocha "

Exhibit 99.1



## IAMGOLD CORPORATION

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

TSX Trading Symbol:	IMG
AMEX Trading Symbol:	IAG
Total Shares Outstanding:	146.5MM
Fully Diluted:	151.6MM
52-Week Trading Range:	Cdn\$5.75 - \$10.77

FOR IMMEDIATE RELEASE: May 16, 2005

No. 07/ 05

## IAMGOLD LINKS MINERALIZED ZONES AT QUIMSACOCHA

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**Toronto, Ontario, May 16, 2005 - IAMGOLD Corporation** ("IAMGOLD" or "the Company") is pleased to announce the results of an additional 16 diamond drill holes on its Quimsacocha project in Ecuador. Assay results from these holes include some very good intersections in the D1 zone but more significantly results from the area between the D1 and Loma Larga zones now indicate the presence of mineralization consistent with that seen at D1 and Loma Larga. Hole 183, which lies some 50 metres south of the southernmost hole in D1 (see Figure 1), intersected 22.3 metres averaging 31.4 grams per tonne (g/t) gold (silver and copper results are pending).

Nine samples have been collected for metallurgical testing from the D1 and Loma Larga zones and these samples have been received at SGS Lakefield Research in Canada where a battery of tests will be carried out over the next six to eight weeks.

Joseph Conway, President and CEO of IAMGOLD, stated: "Investors have cautiously been waiting for proof that mineralization is continuous between D1 and Loma Larga and with the results that we have from Hole 183, as well as from other holes in the area, it is becoming clear that the D1 and Loma Larga mineralized zones are parts of the same mineral deposit. We now have strong indications that the mineralization will stretch over a north-south length of at least 850 metres and that it is at least 150 metres wide in places."

Of the 16 holes reported in this press release, 9 were drilled in the D1 zone and 7 in the Loma Larga zone or between the Loma Larga and D1 zones. The significant results are shown in Table 1 and the collar locations of the inclined drill holes are shown in Figure 1. Cross sections are shown in Figures 2, 3, and 4.

Besides the exceptional result from hole 183, several other holes in the Loma Larga zone have given results which indicate the potential of this area: -

Loma Larga Zone

Hole 169	80.2m @ 2.9 g/t gold
Hole 174	50.7m @ 3.4 g/t gold
and	14.0m @ 24.0 g/t gold
Hole 177	83.0m @ 5.0 g/t gold
including	25.0m @ 10.6 g/t gold
Hole 179	81.1m @ 4.1 g/t gold
Hole 181	118.1m @ 3.0 g/t gold
Hole 183	22.3m @ 31.4 g/t gold

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Hole 172 in Loma Larga was drilled to the east in order to check for possible extensions to mineralization. This hole encountered only trace amounts of mineralization and, together with the results from hole 158 (9.2m averaging 1.0 g/t gold), suggests that significant mineralization does not extend to the east of this part of Loma Larga.

A third diamond drill rig was recently brought onto the property and this is testing the Rio Falso alteration zone and geo-chemical anomaly which lies about a kilometer to the southwest of Loma Larga (Figure 5). Shallow drill holes in this area put down by earlier workers did intersect mineralization (best hole was 20.4 metres averaging 2.7 g/t gold) but the holes were shallow (generally less than 100 metres deep) and they are believed to have intersected only the upper zone of silicification which our experience at D1 and Loma Larga has shown is generally not well mineralized. The object at Rio Falso is to drill deeper holes to test for thick, well mineralized sections similar to those encountered in D1 and Loma Larga.

#### **Qualified Person/Quality Control Notes**

Analyses of drill core samples were carried out by fire assay at the laboratory of British Standards Institute in Lima, Peru.

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.

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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.*

#### **For further information please contact :**

##### **IAMGOLD Corporation :**

##### **Dennis Jones**

*Vice President Exploration*

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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 Canada Newswire's website at [www.newswire.ca](http://www.newswire.ca). 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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**Table 1**

Significant Intersections from 2005 Drilling  
At Quimsacocha as Reported on May 16, 2005  
(Intersections where gold values are > 5 g/t are highlighted)

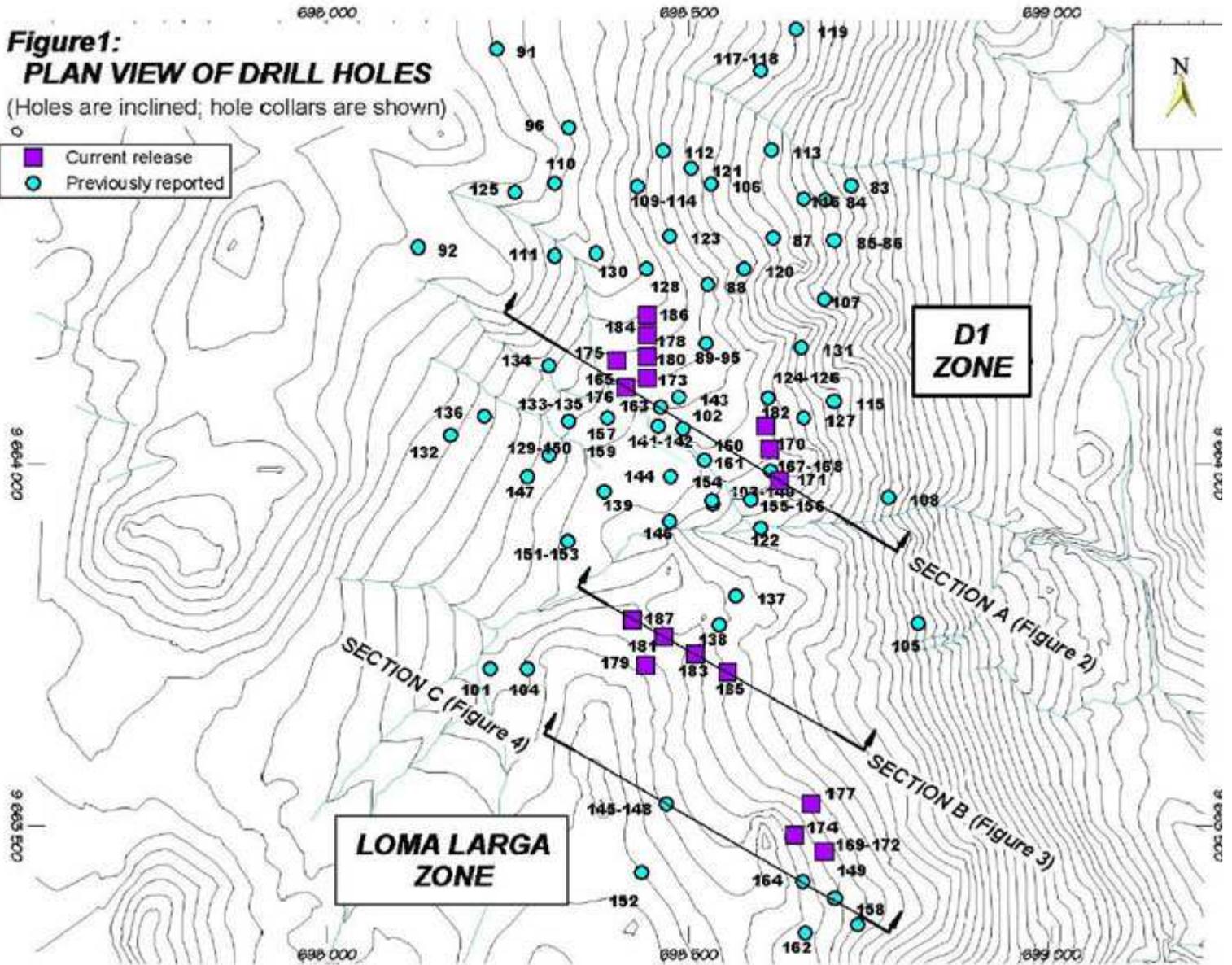
Hole	From (m)	To (m)	Length (m)	Gold (g/t)	Silver (g/t)	Copper (%)	Zone
<b>169</b>	150.0	230.2	80.2	2.9	13.4	0.2	Loma Larga
including	162.7	178.7	16.0	6.8	29.9	0.2	
including	224.3	228.3	4.0	5.7	29.8	0.4	
<b>170</b>	59.8	83.8	24.0	4.2	8.9	0.2	D1
<b>171</b>	147.0	164.8	17.8	17.7	30.9	0.5	D1
<b>172</b>	194.0	198.0	4.0	0.4			Loma Larga
<b>173</b>	55.8	64.0	8.2	9.0	60.8	0.8	D1
	154.0	173.0	19.0	7.0	54.9	0.4	
<b>174</b>	149.4	200.0	50.7	3.4	15.2	0.1	Loma Larga
including	163.0	170.0	7.0	6.0	20.7	0.1	
	224.5	246.0	21.6	2.6	11.1	0.2	
including	224.5	227.0	2.5	6.8	14.1	0.1	
	267.0	281.0	14.0	24.0	212.3	8.5	
<b>175</b>	166.1	187.0	20.9	4.2	22.1	0.1	D1
including	166.1	168.5	2.4	16.7	64.8	0.2	
including	182.6	185.5	2.9	7.6	19.5	0.4	
<b>176</b>	152.3	175.3	23.0	2.4	57.1	0.5	D1
including	166.2	170.4	4.3	4.2	175.1	1.5	
<b>177</b>	120.4	203.4	83.0	5.0	20.4	0.4	Loma Larga
including	136.0	161.0	25.0	10.6	38.8	0.9	
including	136.0	143.0	7.0	22.1	83.8	2.4	
<b>178</b>	179.0	201.3	22.4	20.2	76.6	1.6	D1
including	189.6	196.9	7.3	37.8	149.3	4.0	
<b>179</b>	155.4	236.5	81.1	4.1	14.0	0.1	Loma Larga
including	159.0	161.8	2.8	7.9	22.8	0.1	
including	194.3	215.0	20.7	6.4	20.3	0.2	
including	227.0	228.5	1.5	12.8	31.5	0.9	
<b>180</b>	157.9	172.6	14.7	2.8	28.7	0.3	D1
<b>181</b>	94.9	212.9	118.1	3.0	*	*	Loma Larga
including	129.0	143.4	14.4	8.5	*	*	
<b>182</b>	47.0	61.0	14.0	8.5	*	*	D1
	159.0	165.4	6.4	7.5	*	*	
<b>183</b>	138.7	161.0	22.3	31.4	*	*	Loma Larga
including	146.0	161.0	15.0	45.1	*	*	
<b>184</b>	161.5	184.0	22.4	4.1	*	*	D1
including	176.9	182.9	6.0	9.0	*	*	

\* Results Pending

**Figure 1:**  
**PLAN VIEW OF DRILL HOLES**

(Holes are inclined; hole collars are shown)

- Current release
- Previously reported

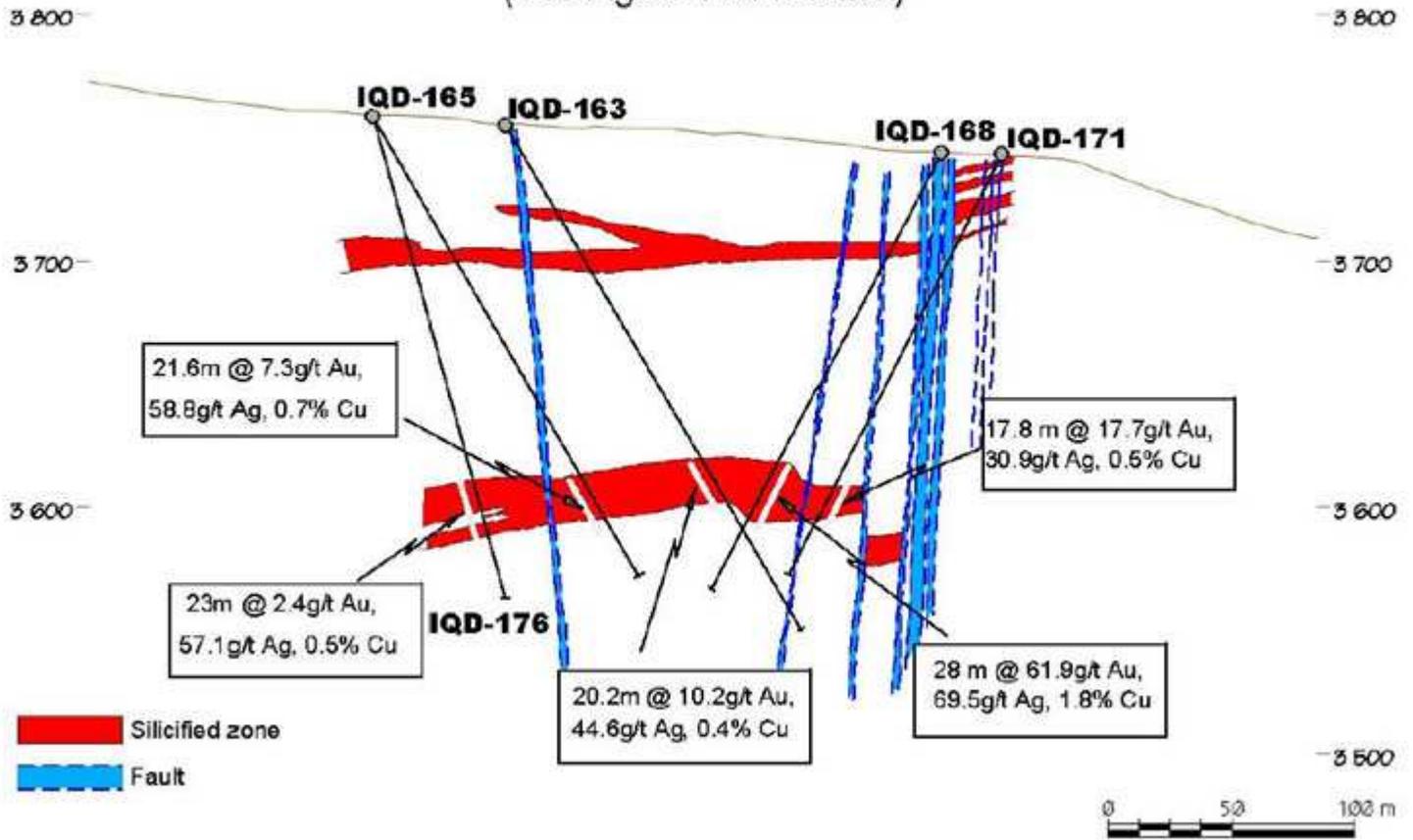


# Figure 2 D1 ZONE SECTION A

(See Figure 1 for location)

NW

SE

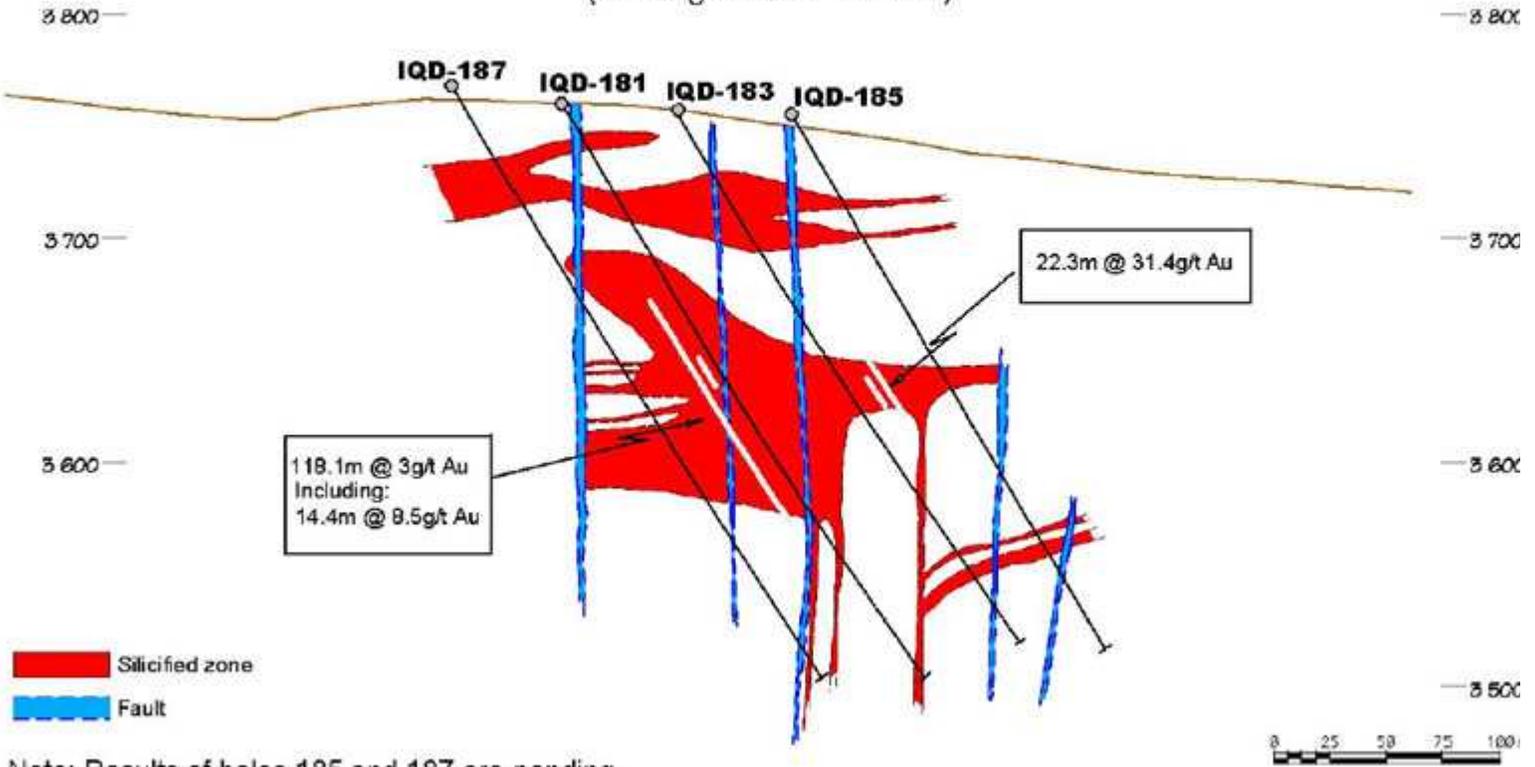


### Figure 3 LOMA LARGA ZONE SECTION B

(See Figure 1 for location)

NW

SE

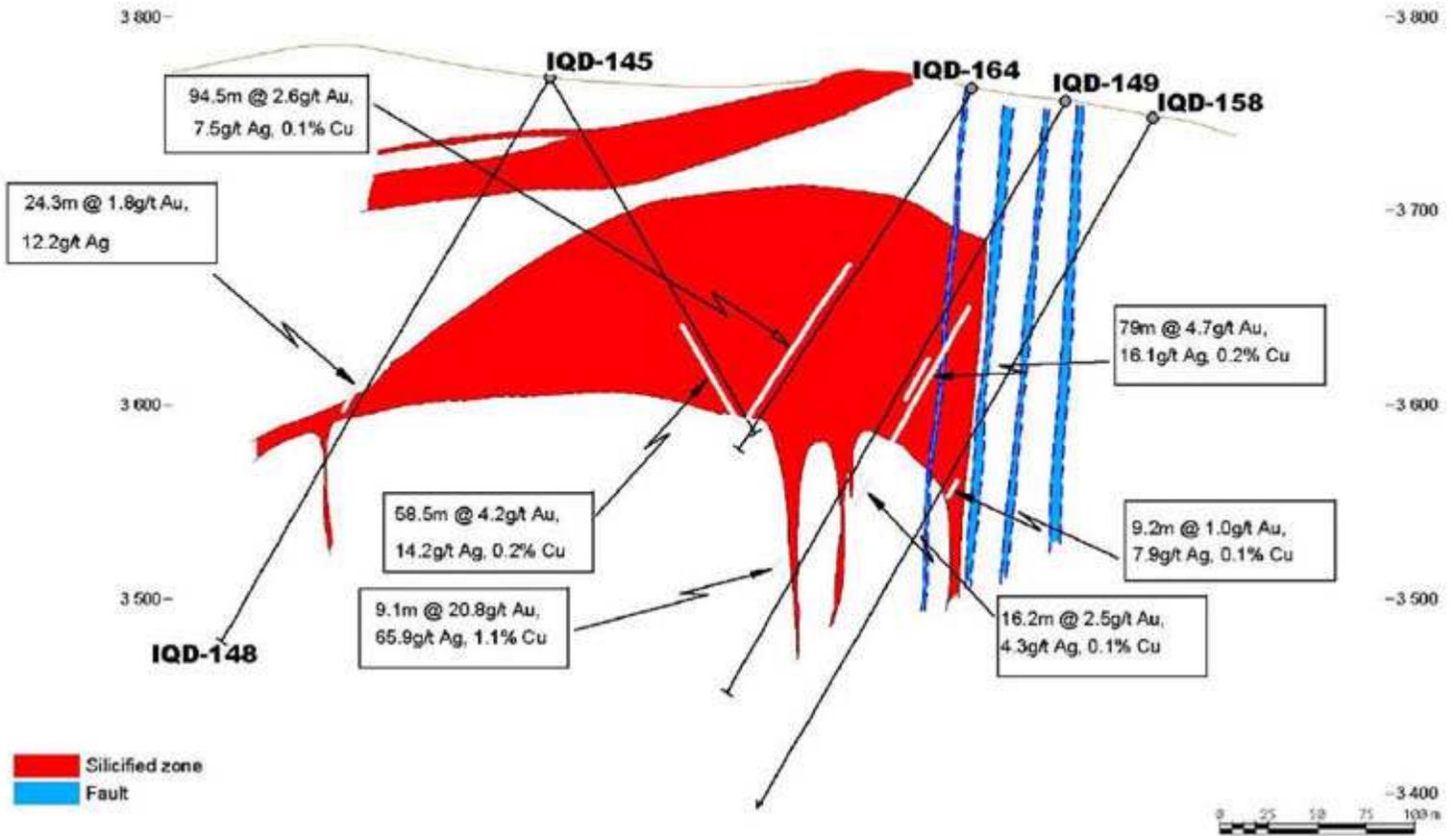


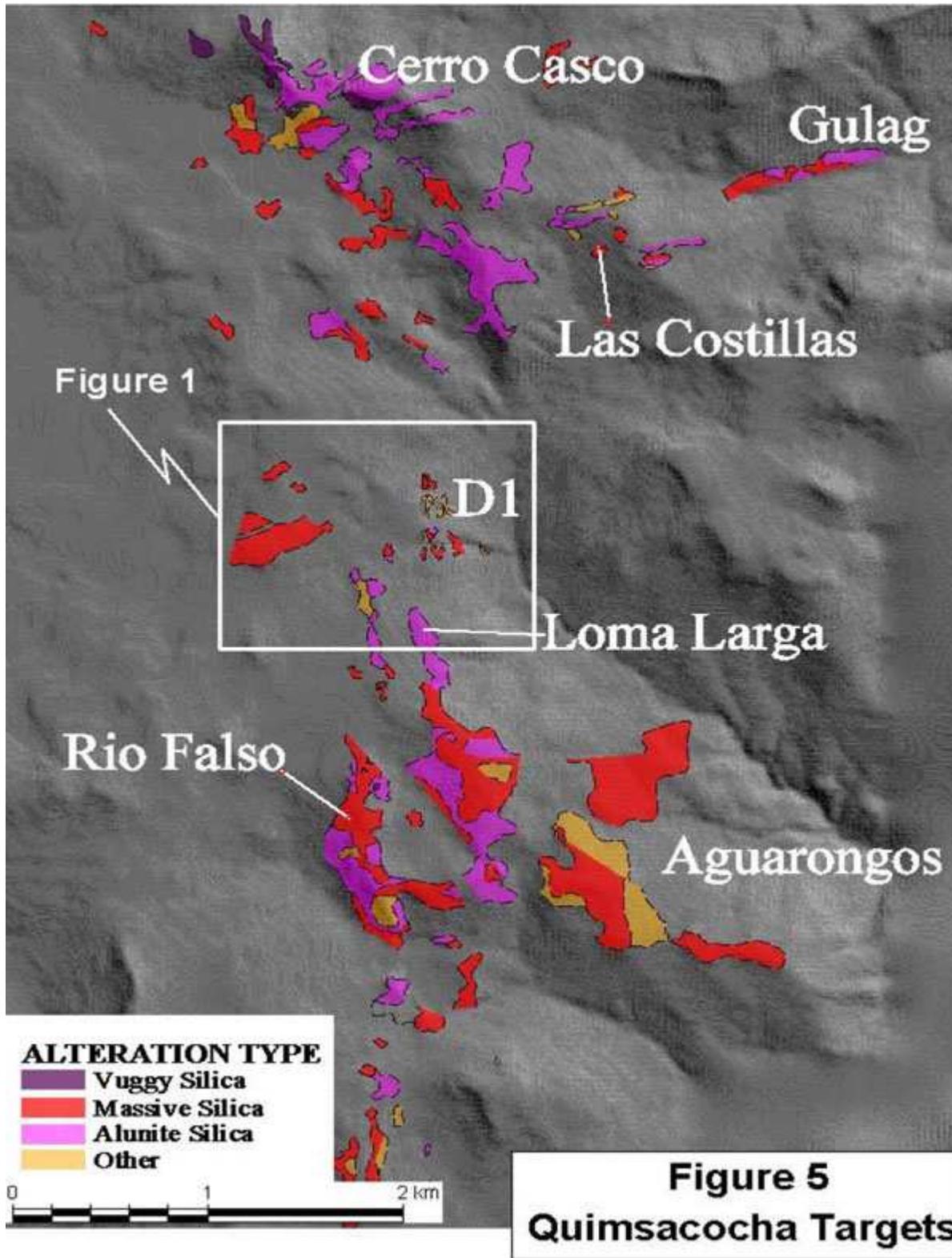
Note: Results of holes 185 and 187 are pending

**Figure 4**  
**LOMA LARGA ZONE**  
**SECTION C**  
 (See Figure 1 for location)

**NW**

**SE**





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