

Jaguar Mining Inc  
Form SC 13G/A  
February 12, 2010

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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

SCHEDULE 13G/A

Under the Securities Exchange Act of 1934  
(Amendment No.1)\*  
Jaguar Mining Inc.

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(Name of Issuer)

Common Shares

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(Title of Class of Securities)

47009M103

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(CUSIP Number)

December 31, 2009

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(Date of Event which requires filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

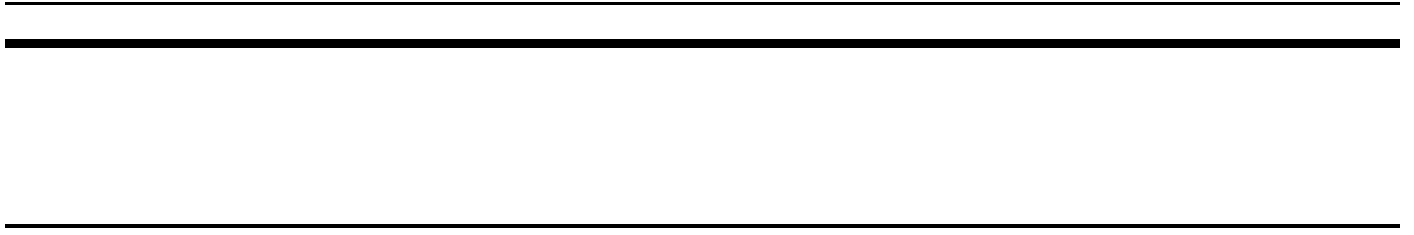
- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

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\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but

shall be subject to all other provisions of the Act (however, see the Notes).



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1. NAME OF REPORTING PERSONS  
or I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

IMS Empreendimentos Ltda.

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a)   
(b)

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OR ORGANIZATION

New Hampshire

5. SOLE VOTING POWER  
1,125,000

- NUMBER OF  
SHARES 6. SHARED VOTING POWER  
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH 0

7. SOLE DISPOSITIVE POWER  
1,125,000

8. SHARED DISPOSITIVE POWER  
0

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,125,000

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 9 EXCLUDES CERTAIN SHARES\*

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

- 11.

1.3%

TYPE OF REPORTING PERSON

12.

CO

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Item Name of Issuer

1(a) Jaguar Mining Inc.

Item Address of Issuer's Principal Executive Offices

1(b) 125 North State Street  
Concord NH 03301

Item Name of Person Filing

2(a) IMS Empreendimentos Ltda. ("IMS")

Item Address of Principal Business or, if None, Residence

2(b) Rua Fernandes Tourinho  
487 Sala 402  
30 112-000 Savasi  
Belo Horizonte-Mg  
Brazil

Item Citizenship

2(c) Brazilian

Item Title of Class of Securities

2(d) Common Shares

Item CUSIP Number

2(e) 47009M103

Item If this Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c),

3

Check Whether the Person Filing is a:

- |     |   |  |
|-----|---|--|
| (a) | — | Broker or dealer registered under Section 15 of the Exchange Act;                      |
| (b) | — | Bank as defined in Section 3(a)(6) of the Exchange Act;                                |
| (c) | — | Insurance company as defined in Section 3(a)(19) of the Exchange Act;                  |
| (d) | — | Investment company registered under Section 8 of the Investment Company Act;           |
| (e) | — | An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);                      |
| (f) | — | An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F); |
| (g) | — |  |

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- |     |   |  |
|-----|---|--|
| (h) | — | A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);   |
| (i) | — | A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;   |
| (j) | — | A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act; or<br>Group, in accordance with Rule 13d-1(b)(1)(ii)(J). |

If this statement is filed pursuant to rule 13d-1(c ), check this box. "

Item Ownership

4

- |     |                                      |
|-----|--------------------------------------|
| (a) | Amount beneficially owned: 1,125,000 |
| (b) | Percent of Class: 1.3%               |
-

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- (c) Number of shares as to which such person has:
- (i) Sole power to vote or direct the vote: 1,125,000
  - (ii) Shared power to vote or to direct the vote: 0
  - (iii) Sole power to dispose or to direct the disposition: 1,125,000
  - (iv) Shared power to dispose or to direct the disposition: 0

Item Ownership of Five Percent or Less of a Class

5

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: X

Item Ownership of More than Five Percent on Behalf of Another Person

6

Not applicable

Item Identification and Classification of the Subsidiary Which Acquired the Security Being Reported On by the Parent Holding Company.

7

Not applicable

Item Identification and Classification of Members of the Group

8

Not applicable

Item Notice of Dissolution of Group

9

Not applicable

Item Certification

10

Not applicable

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SIGNATURE

After reasonable inquiry and to the best of the signatory's knowledge and belief, the undersigned certifies that the information set forth in this statement is true, complete and correct.

IMS EMPREENDIMENTOS LTDA.

By: /s/ Juvenil Felix

Name: Juvenil Felix

Title: President

Date: February 4, 2010