

Jaguar Mining Inc  
Form 6-K  
February 01, 2012

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FORM 6-K

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

Report of Foreign Private Issuer  
Pursuant to Rule 13a-16 or 15d-16 under the  
Securities Exchange Act of 1934

For the month of January 2012  
Commission File Number 001-33548

JAGUAR MINING INC.

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Rua Levindo Lopes 323 - Funcionários  
CEP 30140-170 - Belo Horizonte – MG - Brazil  
(31) 3232-7100

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(Address of principal executive offices.)

Indicate by check mark whether the registrant files or will file annual reports under cover of 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.

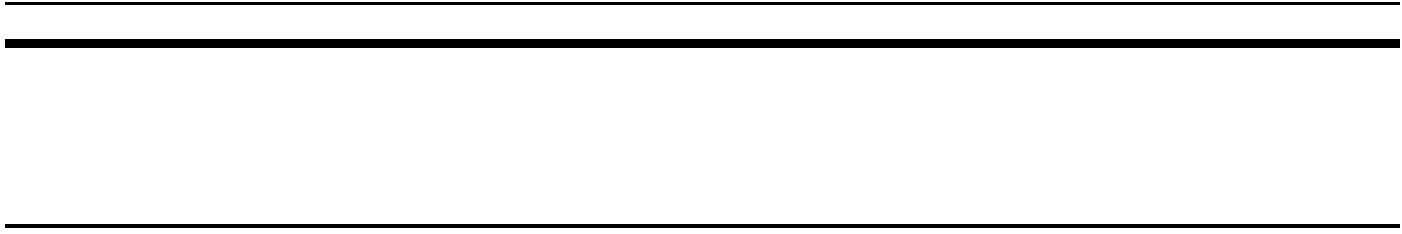


EXHIBIT INDEX

Exhibit Number	Description of Exhibit
99.1	News Release dated January 31, 2012 - Jaguar Mining Provides Fourth Quarter and Full Year 2011 Preliminary Update of Operations; Announces Receipt of Installation License for Gurupi Processing Plant

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SIGNATURE

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.

JAGUAR MINING INC.

Date: January 31, 2012

By: /s/ Robert J. Lloyd  
Name: Robert J. Lloyd  
Title: Corporate Secretary