Jaguar Mining Inc Form 6-K August 09, 2010

## 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 August 2010 Commission File Number 001-33548

JAGUAR MINING INC.

125 No. State Street Concord, New Hampshire 03301 (603) 224-4800

(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 o Form 40-F x

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):

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):

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 o No x

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-

## EXHIBIT INDEX

Exhibit Number Description of Exhibit

- 99.1 Jaguar Mining Second Quarter Interim Financial Statements for the Period Ended June 30, 2010
- 99.2 Jaguar Mining Second Quarter Management's Discussion and Analysis for the Period Ended June 30, 2010
- 99.3 CEO Certificate
- 99.4 CFO Certificate

This Report on Form 6-K is incorporated by reference into the Registration Statement on Form S-8 of the Registrant, which was filed with the Securities and Exchange Commission on July 31, 2007, File No. 333-144969.

## 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: August 9, 2010

By:

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