

Brigus Gold Corp.  
Form 6-K  
October 20, 2010

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549  
FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE  
SECURITIES EXCHANGE ACT OF 1934

For the month of October, 2010.

Commission File Number 001-31593

BRIGUS GOLD CORP.  
(Translation of registrant's name into English)

Purdy's Wharf Tower II  
Suite 2001, 20th Floor  
1969 Upper Water Street  
Halifax, Nova Scotia  
B3J 3R7, Canada  
(Address of principal executive office)

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): \_\_\_\_\_

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 the registrant by furnishing the information contained in this Form 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): \_\_\_\_\_

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EXHIBIT INDEX

Exhibit No. Description of Exhibit

99.1 Form 51-102F3 – Material Change Report Under National Instrument 51-102

99.2 Third Consent Extension Letter, dated October 1, 2010, among Brigus Gold Corp., RMB Resources Inc., RMB Australia Holdings Limited and Macquarie Bank Limited

This Report on Form 6-K is incorporated by reference in the Registration Statements on Form S-8 of the Registrant as each may be amended from time to time (File Nos. 333-113889, 333-162558 and 333-167757), which were filed with the Securities and Exchange Commission on March 24, 2004, October 19, 2009 and June 25, 2010, respectively, to the extent not superseded by documents or reports subsequently filed by us under the Securities Act of 1933 or the Securities Exchange Act of 1934, in each case as amended.

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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 hereunto duly authorized.

Date: October 20, 2010

BRIGUS GOLD CORP.

By:

/s/ Melvyn Williams

Melvyn Williams

Chief Financial Officer and Senior Vice

President –

Finance and Corporate Development

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