

ANGLOGOLD ASHANTI LTD

Form 6-K

March 30, 2007

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER

PURSUANT TO RULE 13a-16 or 15d-16 OF

THE SECURITIES EXCHANGE ACT OF 1934

Report on Form 6-K dated

MARCH 30, 2007

AngloGold Ashanti Limited

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(Name of Registrant)

11 Diagonal Street

Johannesburg, 2001

(P O Box 62117)

Marshalltown, 2107

South Africa _____

(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):

Yes:

No:

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):

Yes:

No:

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:

Enclosures:

DEALINGS IN SECURITIES BY DIRECTORS OF ANGLOGOLD ASHANTI LIMITED

ANGLOGOLD ASHANTI LIMITED

(Registration number 1944/017354/06)

(Incorporated in the Republic of South Africa)

("AngloGold")

ISIN: ZAE000043485 JSE Share code: ANG

**DEALINGS IN SECURITIES BY DIRECTORS OF ANGLOGOLD ASHANTI LIMITED
IN TERMS OF THE ANGLOGOLD SHARE INCENTIVE SCHEME**

In terms of JSE Listings Requirement 3.63 we give notice that the following director has exercised share options, after having received clearance to do so in terms of Listings Requirement 3.66. The options were granted in terms of the AngloGold Share Incentive Scheme.

This has resulted in the following ordinary shares of the company having been allotted and traded on the JSE.

Details

R CARVALHO SILVA

Date options exercised

29 March 2007

Date options granted

01 February 2000,

01 February 2002 and

02 May 2003

Quantity of options exercised / shares
allotted

1,600; 20,000 and

6,000 respectively

Option exercise price

R152.50; R237.50 and

R221.90 respectively

Quantity of shares sold on the JSE

27,600

Quantity of shares acquired in own name

NIL

Type of interest

Beneficial

Market price

R328.8219

% of total shares in issue

0.009974911%

30 March 2007

JSE Sponsor: UBS

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.

AngloGold Ashanti Limited

Date: MARCH 30, 2007

By: /s/ L EATWELL_

Name: L Eatwell

Title: Company Secretary