

ANGLOGOLD ASHANTI LTD

Form 6-K

June 25, 2008

**SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 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 June 25, 2008

Commission File Number 1-14846

AngloGold Ashanti Limited

(Translation of registrant's name into English)

76 Jeppe Street

Newtown, 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

Enclosure: Press release DEALINGS IN SECURITIES BY A DIRECTOR 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 A DIRECTOR

OF ANGLOGOLD ASHANTI LIMITED

In terms of JSE Listings Requirement 3.63 AngloGold Ashanti gives notice that a director of the company has purchased shares in the company, after having received clearance to do so in terms of Listings Requirement 3.66 as follows:

Details

R P Edey

Date of purchase

23 June 2008

Quantity of shares purchased

1,754

Purchase price per share

R233.50

Total purchase price inclusive of brokerage

R409,559.00

Type of interest

Beneficial

25 June 2008

JSE Sponsor: UBS

Queries

South Africa

Tel:

Mobile:

E-mail:

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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, thereunto duly authorized.

AngloGold Ashanti Limited

Date: June 25, 2008

By:

/s/ L Eatwell

Name: L EATWELL

Title: Company Secretary