



DIVISION OF  
CORPORATION FINANCE

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

August 20, 2012

Via E-mail

Srinivasan Venkatakrishnan  
Chief Financial Officer  
AngloGold Ashanti Limited  
76 Jeppe Street  
Newtown, Johannesburg, 2001  
South Africa

**Re: AngloGold Ashanti Limited**  
**Form 20-F for Fiscal Year Ended December 31, 2011**  
**Filed April 23, 2012**  
**File No. 001-14846**

Dear Mr. Venkatakrishnan:

We have completed our review of your filing. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filing and the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ Brian K. Bhandari for

Tia L. Jenkins  
Senior Assistant Chief Accountant  
Office of Beverages, Apparel and  
Mining