



DIVISION OF
CORPORATION FINANCE
MAIL STOP 7010

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549-0405

September 21, 2006

Mr. Paul Fulton
Chief Financial Officer
Lihir Gold Limited
7th Floor, Pacific Place
Cnr Champion Parade, Musgrave Street
Port Moresby, Papua New Guinea

Re: Lihir Gold Limited
Form 20-F for Fiscal Year Ended December 31, 2004
Filed June 30, 2005
Response Letter Dated September 5, 2006
File No. 0-26860

Dear Mr. Fulton:

We have reviewed your response letter and have the following comment. We have limited our review of your filing to those issues we have addressed in our comments. Where indicated, we think you should revise your document in response to these comments. If you disagree, we will consider your explanation as to why our comment is inapplicable or a revision is unnecessary. Please be as detailed as necessary in your explanation. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure. After reviewing this information, we may raise additional comments.

Form 20-F for the Fiscal Year Ended December 31, 2004

Note 1 – Summary of Significant Accounting Policies

(vi) Deferred Mining Costs, page F-7

1. We note your response to our prior comment number two. Please tell us and expand your disclosure to discuss why you believe pre-production stripping should be amortized using a different methodology and amortized separately from your other mine development costs.

Mr. Paul Fulton
Lihir Gold Limited
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Closing Comments

As appropriate, please amend your filing and respond to these comments within 10 business days or tell us when you will provide us with a response. You may wish to provide us with marked copies of the amendment to expedite our review. Please furnish a cover letter with your amendment that keys your responses to our comments and provides any requested information. Detailed cover letters greatly facilitate our review. Please understand that we may have additional comments after reviewing your amendment and responses to our comments.

You may contact Jonathan Duersh at (202) 551-3719 or in his absence, Kevin Stertzell at (202) 551-3723 if you have questions regarding comments on the financial statements and related matters. Please contact me at (202) 551-3683 with any other questions.

Sincerely,

Jill Davis
Branch Chief

cc: Mr. Burr Henly, Sullivan & Cromwell