

GOLD FIELDS LTD

Form 6-K

August 27, 2008

FORM 6-K

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Report of Foreign Private Issuer

Pursuant to Rule 13a-16 or 15d-16

of the Securities Exchange Act of 1934

For the month of August 2008

Commission File Number 1-31318

Gold Fields Limited

(Translation of registrant's name into English)

24 St. Andrews Rd.

Parktown, 2193

South Africa

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F..x... 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 by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes No ..x...

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82- _____

Directors: A J Wright (Chairman), N J Holland

†
(Chief Executive Officer), K Ansah

, T P Goodlace (Chief Operating Officer), J G Hopwood, G Marcus, D
N Murray, D M J Ncube, R L Pennant-Rea

†
, C I von Christierson, G M Wilson

†
British,

Ghanaian

Corporate Secretary: C Farrel
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MEDIA RELEASE **GOLD FIELDS ANNOUNCES RESOURCES OF** **251 MILLION OUNCES AND RESERVES OF** **83 MILLION OUNCES**

Johannesburg, August 25, 2008: Gold Fields Limited (Gold Fields)
(NYSE, JSE, DIFX: GFI) today published its Resources and Reserves
Statement, as at 30 June 2008.

Gold Fields CEO, Nick Holland said: “Gold Fields’ 83moz reserve base
remains one of the strongest in the industry and provides Gold Fields

with a robust base from which to pursue its aggressive growth strategy. Central to this growth strategy is the 251moz of resources which represents significant organic growth potential at each of our existing mines.”

Net of the 5.7moz of depletion over the last 18 months – the sale of the Choco 10 Gold Mine in Venezuela and the Essakane Project in Burkina Faso; and inclusive of copper and platinum as gold equivalent ounces:

- Gold Fields’ total attributable precious metal Resources have remained flat at 251moz from 252moz as at December 31 2006 (4% increase in resources after depletion)

- Gold Fields’ total attributable precious metal Reserves have decreased by 12% to 83moz from 94moz as at December 31 2006 (4% decrease in reserves after depletion)

The Reserves were calculated using approximate historical three-year average commodity prices as required by the United States Securities and Exchange Commission (SEC) guidelines (US\$650/oz in Ghana and Peru, ZAR150,000/kg in South Africa, and A\$750/oz in Australia). The copper price used for the reserve calculation is US\$1.75/lb.

However, if the Reserves are calculated using gold prices which approximate the spot price of gold (around US\$810/oz), Gold Fields’ Reserves are robust at approximately 91moz. At these prices, which are significantly higher than the SEC’s mandated three-year trading average, the leverage inherent in Gold Fields’ resource base is apparent.

The gold prices used to calculate Resources represent upside potential of US\$ 23%, A\$ 23% and ZAR 20% above the reserve prices which is more aligned with recent spot prices, and reflect the very significant upside potential in the Gold Fields ore bodies. The copper price used for the resource calculation is US\$2.10/lb which reflects the same 20% delta between the gold resource and reserve prices.

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Resources are reported inclusive of Reserves, geotechnical support and stability pillars.

The Group's Resource and Reserve statement has been reviewed by the Gold Fields Board and has been audited and approved by leading independent global mining consultancies. The statement is SAMREC and Industry Guide 7 (SEC) compliant and the process followed in producing the declaration is in alignment with the guiding principles of the Sarbanes-Oxley Code (SOX). Industry specific statutory codes (SAMREC Code, NI 43-101, JORC, etc.) are not superseded by the SOX directives, and consequently the Gold Fields Competent Persons Reports integrate the requirements of the various reporting codes and present compliant documentation for public reporting.

The pillar and remnant mining review commissioned in April 2008 as part of Gold Fields' commitment to safety has now been completed. As a result of the review, 600,000oz of reserves in pillar and remnant areas at Driefontein have been removed, constituting 3% of the total reserves over the life of that mine. At Kloof, 5% of the total reserves over the life of the mine have been removed, amounting to 500,000oz.

Inclusive of the pillar mining impact, production at Driefontein is projected to be 6,400kg during Q1F2009, stabilising at 6,800kg during Q2F2009 and beyond. Production at Kloof is projected to be 3,900kg during Q1 and Q2F2009, stabilising at approximately 6,000kg in Q3F2009 and beyond. This is line with previous guidance provided on 1 August 2008.

The full Gold Fields 2008 Resources and Reserves Supplement will be published with the Gold Fields F2008 Annual Report on 29 September 2008. Gold Fields' 2008 Resources and Reserves tables are available on the company website at www.goldfields.co.za.

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About Gold Fields

Gold Fields Limited is one of the world's largest unhedged producers of gold with attributable production of 3,64 million

ounces per annum from eight operating mines in South Africa, Ghana and Australia. A ninth mine, Cerro Corona Gold/Copper

mine in Peru, commenced production in August 2008 at an initial rate of approximately 375,000 gold equivalent ounces per

annum. The company has total attributable ore reserves of 83 million ounces and mineral resources of 251 million ounces.

Gold Fields is listed on the JSE Limited (primary listing), the New York Stock Exchange (NYSE) and the Dubai International

Financial Exchange (DIFX), the New Euronext in Brussels (NYX) and Swiss Exchange (SWX). For more information please

visit the Gold Fields website at

www.goldfields.co.za

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.

Date: 25 August 2008

GOLD FIELDS LIMITED

By:

Name: Mr W J Jacobsz

Title: Senior Vice President: Investor
Relations and Corporate Affairs