

GOLD FIELDS LTD

Form 6-K

April 26, 2019

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 6-K

Report of Foreign Private Issuer

Pursuant to Rules 13a-16 or 15d-16 under

the Securities Exchange Act of 1934

Dated 25 April 2019

Commission File Number: 001-31318

GOLD FIELDS LIMITED

(Translation of registrant's name into English)

150 Helen Rd.

Sandown, Sandton 2196

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

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): _____

JOHANNESBURG, 25 April 2019:

Gold Fields Limited (NYSE & JSE: GFI) is pleased to provide an operational update for the quarter ended 31 March 2019. Detailed financial and operational results are provided on a six-monthly basis i.e. at the end of June and December.

Key Statistics

United States Dollars

Quarter

Figures are in millions unless otherwise stated

March

2019

December

2018

March

2018

Gold produced attributable*

oz (000)

542

509

490

Tonnes milled/treated

000

8,879

8,571

8,372

Revenue US\$/oz

1,298

1,212

1,316

Cost of sales before gold inventory change

and amortisation and depreciation

US\$/tonne

41

43

43

All-in sustaining costs

US\$/oz

963

1,016

955

Total all-in cost

US\$/oz

1,080

1,213

1,150

Net debt

US\$m

1,614

1,612

1,373

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*Gold produced in this table is attributable and includes Gold Fields share of 45 per cent in Asanko.

All of the key statistics are managed figures.

All operations are wholly owned except for Tarkwa and Damang in Ghana (90.0 per cent), Cerro Corona in Peru (99.5 per cent) and Asanko JV (45 per cent equity share).

Gold produced (and sold) throughout this report includes copper gold equivalents of approximately 7 per cent of Group production.

Figures may not add as they are rounded independently.

STOCK DATA FOR THE THREE MONTHS ENDED 31 MARCH 2019

Number of shares in issue

NYSE – (GFI)

– at end March 2019

828,632,707

Range – Quarter

US\$3.50 – US\$4.36

– average for the quarter

824,395,610

Average Volume – Quarter

5,298,644 shares/day

Free Float

100 per cent

JSE LIMITED – (GFI)

ADR Ratio

1:1

Range – Quarter

ZAR47.99 – ZAR60.00

Bloomberg/Reuters

GFISJ/GFLJ.J

Average Volume – Quarter

2,721,357 shares/day

Gold Fields 2019 Operating Update March Quarter

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Statement by **Nick Holland**,

Chief Executive Officer of Gold Fields

Setting Gold Fields up for the future

Over the past two years, Gold Fields has been focused on reinvesting into the business, with 2019 expected to be the inflection point as project capital decreases and the new projects start to contribute to the group. The key motivation behind the investment focus is to ensure that our portfolio of mines continues to generate cash sustainably into the foreseeable future, while at the same time lowering our costs and extending mine life.

Having spent total project capital in excess of US\$500m over the past two years, primarily on Damang and Gruyere, Gold Fields is now well placed to maintain a production profile of approximately 2Moz a year at our international operations in Australia, Ghana and the Americas over the medium to long term. This is based on current gold price levels, our attributable gold Mineral Reserves of 20Moz in these regions as well as our track record of Resource conversion and exploration activities.

The 2Moz milestone is expected to be reached for the first time in 2019 as Damang increases production; Gruyere is set to come into production and our Asanko joint venture (JV) in Ghana contributes for the full year. The longer-term future of this portfolio also looks positive as we continue to invest in near-mine exploration at our Australian mines, while the Board has approved a maiden Mineral Reserve and the technical components of the feasibility study for the high-grade, low-cost Salares Norte project in Chile. We will continue to advance this project to a build decision in mid-2020 with the approval of the Environmental Impact Assessment being a key variable.

The globalisation of our portfolio has also been evident in a gradual shift in our Mineral Reserve exposure. Until two years ago, just over 70% of our Reserves were held by South Deep. That profile has changed: of our total gold-equivalent Mineral Reserves of 50.9Moz in December 2018, 41% are now outside South Africa.

One of the key benefits of the reinvestment programme over the past two years is the expected reduction in Group All-in Costs (AIC) to approximately US\$900/oz by 2020/21, a level which we feel is required to be competitive on a global scale. As the quality of the portfolio improves and our cost profile starts to decline, we expect an improved free cash-flow (FCF) margin. For 2019, therefore, we have adjusted our target to a FCF margin of 15% at a gold price of US\$1,200/oz (previously US\$1,300/oz).

Q1 2019 performance

Attributable equivalent gold production for the quarter was 11% higher YoY (6% higher QoQ) at 542koz (production in Q1 2019

included 27koz attributable from the Asanko JV). All-in sustaining costs (AISC) were largely flat YoY (down 5% QoQ) at US\$963/oz and all-in costs (AIC) were 6% lower YoY (11% lower QoQ) at US\$1,080/oz.

The average US\$ gold price achieved in the quarter was 1% lower YoY (7% higher QoQ) at US\$1,298/oz. The average Australian dollar for the quarter was A\$0.71/US\$ (10% weaker YoY and 1% weaker QoQ), resulting in an A\$ gold price of A\$1,827/oz. The average South African rand for the quarter was R14.04/US\$ (17% weaker YoY and 2% stronger QoQ), resulting in a rand gold price of R590,314/kg.

Despite the project capital still being spent by the Group in Q1 2019, as well as the payment of the FY18 dividend during the quarter, the net debt balance was largely unchanged at US\$1,614m from US\$1,612m at 31 December 2018.

Regional operational performance

The Australian region produced 229koz for the quarter, up 3% YoY (up 4% QoQ), with AIC of A\$1,598/oz (US\$1,138/oz), up 46% YoY (up 15% QoQ). The increase relates to the change in how Gruyere is accounted for, with the project now being included in the AIC for the region as it comes into production this year (previously it was just included in the Group numbers). Excluding Gruyere, AIC for the region was A\$1,449/oz (US\$1,031/oz) up 32% YoY (up 4% QoQ).

Managed production, including our 45% share of Asanko, in Ghana for Q1 2019 was 221koz, up 32% YoY (up 10% QoQ), with AIC of US\$983/oz, down 15% YoY (down 11% QoQ), as benefits of the Damang reinvestment project started to materialise during the quarter. Gold equivalent production at Cerro Corona was up 12% YoY (18% lower QoQ) at 77koz, with AIC of US\$677 per equivalent ounce, flat YoY (up 4% QoQ).

Production at South Deep started to recover after a challenging Q4 2018 due to the protracted industrial action, with the mine producing 34koz (1,069kg) which is tracking the mine's plan for the year, despite the effects of the load curtailment implemented by Eskom. Planned production for 2019 is H2 weighted due to higher grade corridors being accessed during this time. The rebooting of the mine post the strike last year, which ended on 18 December 2018, meant that most of January was devoted to making safe, reorientating the reduced workforce and recalibrating the organisation to implement the revised mining plan following the previously announced restructuring. Momentum did however pick up in February and March and continued into April. South Deep continues to focus on a number of key enabling activities, with tangible progress being achieved at the end of the quarter and into Q2 2019.

Update on projects

Damang

Damang continued its strong performance in Q1 2019. The mine produced 57koz at AIC of US\$1,027/oz and AISC of US\$633/oz, a significant improvement from the 40koz produced in Q4 2018 at AIC of US\$1,601/oz and AISC US\$937/oz. Project capital of US\$23m was spent at Damang during the quarter leaving US\$46m to be spent over the remainder of 2019 (predominantly in Q2 2019). A total of 2,352m of Resource infill drilling was completed at Amoanda during the quarter with 9,316m planned for Q2 2019 in order to define the further extent of the orebody, which is open to the North.

Gruyere

Gruyere remains on target for first gold production in the June 2019 quarter and within the previously announced total cost estimate of A\$621m (100% basis). Construction of the Gruyere processing plant is nearing completion (at 97%) with finishing works in progress across site and progressive handover to commissioning. Mining scaled up to double shift operations in January, as scheduled, with total mining movement tracking ahead of plan. Approximately 800,000 tonnes (100% basis) of ore have been mined and stockpiled in preparation for the plant start-up.

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Gold Fields 2019 Operating Update March Quarter

Outlook for 2019 unchanged

As previously guided, Gold Fields expects an increase of 4% – 7% in attributable equivalent gold production in 2019 to 2.13Moz – 2.18Moz. AISC is expected to be between US\$980/oz and US\$995/oz and AIC between US\$1,075/oz – US\$1,095/oz. The year will however, be one of two halves, with both production and cash-flow being weighted to H2 2019.

Eskom power shortage

South Deep has developed a short, medium and long term response to the power shortage being experienced in the country. In the short term, the mine is campaign milling and hoisting, and is making use of emergency generators as a contributor to baseload (total capacity of 14MW relative to required baseload of 60MW). In the medium term, the mine is looking to acquire additional diesel generators to boost its generating capacity. For the long term, the mine is considering a 40MW solar PV project which may be undertaken in a phased approach of 10MW increments.

New lease standard

Gold Fields adopted IFRS 16 Leases (IFRS 16) which replaced the previous leases standard, IAS 17 Leases (IAS 17) on 1 January 2019. IFRS 16 has one model for leases which resulted in almost all leases being included on the statement of financial position. Gold Fields recognised significant right of use assets representing its right to use the underlying assets and corresponding lease liabilities representing its obligation to make lease payments.

As a result of the adoption of IFRS 16, the classification and nature of expenses related to leases changed. Previously under IAS 17, the Group recognised operating lease expenses relating to the operations in cost of sales before amortisation and depreciation. Under IFRS 16, the group recognises an amortisation and depreciation charge for the right-of-use assets and a finance expense in respect of the lease liability. The adoption of IFRS 16 led to a reduction in Gold Fields operating cost and an increase in the amortisation and depreciation charge and finance expense. There is no significant impact on the income statement as a result of the adoption of IFRS 16.

The adoption of IFRS 16 has no impact on the all-in-sustaining-cost, all-in-costs and net cash flows of Gold Fields.

Nick Holland

Chief Executive Officer

25 April 2019

Gold Fields 2019 Operating Update March Quarter

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SALIENT FEATURE AND COST BENCHMARKS (UNREVIEWED)

Figures are in millions

unless otherwise stated

United States Dollars

Total

Mine

Operations

Excluding

Equity

accounted

Joint Venture

South Africa

Region

West Africa

Region

South

America

Region

Ghana

Peru

South

Deep

Total

Tarkwa

Damang

Asanko*

45%

Cerro

Corona

Ore milled/treated March

2019

8,328

259

5,146

3,445

1,150

551

1,696

(000 tonnes)

Dec 2018

8,014

159

4,986

3,457

972

557

1,602

March 2018

8,372

407
 4,516
 3,411
 1,105
 —
 1,665
 Yield
 March 2019
 2.0
 4.1
 1.3
 1.2
 1.5
 1.5
 1.4
 (grams per tonne)
 Dec 2018
 1.8
 2.1
 1.2
 1.2
 1.3
 1.5
 1.8
 March 2018
 1.9
 3.6
 1.2
 1.2
 1.0
 —
 1.3
 Gold produced
 March 2019
 534.2
 34.3
 221.1
 136.7
 57.2
 27.2
 76.8
 (000 managed equivalent ounces)
 Dec 2018
 499.6
 11.0
 200.9
 134.0
 40.0
 26.9
 93.2
 March

2018
 507.1
 47.7
 167.2
 131.2
 36.0
 —
 68.7
 Gold sold
 March 2019
 526.1
 31.6
 217.9
 136.7
 57.2
 24.0
 79.6
 (000 managed equivalent ounces)
 Dec 2018
 497.1
 16.3
 201.9
 134.0
 40.0
 27.8
 87.4
 March
 2018
 511.2
 53.9
 167.2
 131.2
 36.0
 —
 65.2
 Cost of sales before amortisation
 March 2019
 (336.7)
 (52.3)
 (122.5)
 (70.7)
 (28.4)
 —
 (42.4)
 and depreciation
 Dec 2018
 (348.4)
 (52.0)
 (139.1)
 (82.6)
 (32.6)

—
 (38.4)
 (million)
 March
 2018
 (340.4)
 (79.2)
 (105.4)
 (76.7)
 (28.7)
 —
 (38.0)
 Cost of sales before gold inventory
 March 2019
 41
 217
 27
 23
 29
 —
 25
 change and amortisation and
 Dec 2018
 43
 267
 30
 25
 40
 —
 27
 depreciation (dollar per tonne)
 March 2018
 43
 190
 23
 22
 27
 —
 24
 Sustaining capital
 March 2019
 (125.8)
 (9.3)
 (41.3)
 (38.6)
 (2.5)
 —
 (6.9)
 (million)
 Dec
 2018

(129.8)
 (10.8)
 (42.1)
 (34.2)
 (3.4)
 —
 (12.6)
 March
 2018
 (118.4)
 (8.1)
 (42.2)
 (39.2)
 (3.0)
 —
 (2.9)
 Non-sustaining capital
 March 2019
 (46.0)
 —
 (24.4)
 —
 (22.5)[#]
 —
 —
 (million)
 Dec
 2018
 (29.0)
 (1.3)
 (32.2)
 —
 (27.7)[#]
 —
 —
 March
 2018
 (38.6)
 (4.8)
 (33.8)
 —
 (33.8)[#]
 —
 —
 Total capital expenditure
 March 2019
 (171.8)
 (9.3)
 (65.7)
 (38.6)
 (25.0)

—
 (6.9)
 (million)
 Dec
 2018
 (158.8)
 (12.1)
 (74.2)
 (34.2)
 (31.1)
 —
 (12.6)
 March
 2018
 (157.0)
 (12.9)
 (75.9)
 (39.3)
 (36.7)
 —
 (2.9)
 All-in-sustaining costs
 March 2019
 946
 1,992
 869
 922
 633
 —
 203
 (dollar per ounce)
 Dec 2018
 1,003
 3,906
 951
 924
 937
 —
 252
 March
 2018
 938
 1,666
 952
 952
 951
 —
 75
 Total all-in-cost
 March 2019
 1,040

1,992
 983
 922
 1,027
 —
 203
 (dollar per ounce)
 Dec 2018
 1,064
 3,986
 1,105
 924
 1,601
 —
 252
 March
 2018
 1,022
 1,755
 1,163
 952
 1,934
 —
 75
 United States Dollars
 Australian Dollars
 South African
 Rand
 Australia
 Region
 Australia
 Region
 South Africa
 Region
 Australia
 Australia
 Total
 St Ives
 Agnew/
 Lawlers
 Granny
 Smith
 Total
 St Ives
 Agnew/
 Lawlers
 Granny
 Smith
 South
 Deep
 Operating Results

Ore milled/treated March

2019

1,778

1,099

281

398

1,778 1,099

281

398

259

(000 tonnes)

Dec 2018

1,824

1,081

280

463

1,824 1,081

280

463

159

March 2018

1,785

1,073

283

429

1,785 1,073

283

429

407

Yield

March 2019

4.0

2.9

6.3

5.4

4.0 2.9 6.3 5.4

4.1

(grams per tonne)

Dec 2018

3.8

2.5

6.9

4.8

3.8 2.5 6.9 4.8

2.1

March 2018

3.9

2.8

6.4

5.1

3.9 2.8 6.6 5.1

3.6
Gold produced
March 2019
229.2
103.0
56.9
69.3
229.2 103.0 56.9 69.3
1,069
(000 managed equivalent ounces)
Dec 2018
221.3
87.9
62.4
71.0
221.3 87.9 62.4 71.0
343
March 2018
223.6
95.2
58.6
69.8
223.6 95.2 58.6 69.8
1,485
Gold sold
March 2019
221.0
92.9
59.0
69.1
221.0 92.9 59.0 69.1
982
(000 managed equivalent ounces)
Dec 2018
219.3
87.9
60.2
71.2
219.3 87.9 60.2 71.2
508
March 2018
224.9
95.0
60.0
69.9
224.9 95.0 60.0 69.9
1,675
Cost of sales before amortisation
March 2019
(142.9)
(61.7)

(42.3)			
(38.9)			
(200.7)	(86.7)	(59.4)	(54.6)
(734.1)			
and depreciation			
Dec 2018			
(142.8)			
(60.1)			
(39.2)			
(43.5)			
(198.1)	(82.8)	(54.7)	(60.6)
(762.7)			
(million)			
March			
2018			
(117.7)			
(30.4)			
(47.3)			
(40.1)			
(149.6)	(38.6)	(60.0)	(51.0)
(951.5)			
Cost of sales before gold inventory			
March 2019			
73			
47			
137			
98			
103	67	193	138
3,044			
change and amortisation and			
Dec 2018			
73	45		
146	94		
101	62	203	130
4,797			
depreciation (dollar per tonne)			
March 2018			
76	48		
150	95		
96	61	191	121
2,277			
Sustaining capital			
March 2019			
(68.5)			
(24.9)			
(28.5)			
(15.1)			
(96.3)	(34.9)	(40.1)	(21.3)
(130.8)			
(million)			
Dec			

2018			
(68.7)	(33.8)	(19.7)	(15.3)
(95.9)	(46.9)	(27.4)	(21.6)
(152.7)			
March 2018			
(65.2)	(30.1)	(16.3)	(18.8)
(82.8)	(38.3)	(20.7)	(23.8)
(97.8)			
Non-sustaining capital			
March 2019			
(23.5)^	—	—	—
(33.0)^	—	—	—
—			
(million)			
Dec			
2018			
—	—	—	—
—	—	—	—
(24.0)			
March 2018			
—	—	—	—
—	—	—	—
(57.8)			
Total capital expenditure			
March 2019			
(92.0)^	(24.9)	(28.5)	(15.1)
(129.3)	(34.9)	(40.1)	(21.3)
(130.8)			
(million)			
Dec			
2018			
(68.7)	(33.8)	(19.7)	(15.3)
(95.9)	(46.9)	(27.4)	(21.6)
(176.7)			
March 2018			
(65.2)	(30.1)	(16.3)	(18.8)
(82.8)	(38.3)	(20.7)	(23.8)
(155.6)			
All-in-sustaining costs			
March 2019			
1,031	988		
1,253	857		
1,449	1,387	1,760	1,204
900,408			
(dollar per ounce)			
Dec 2018			
1,003	1,109	1,013	862
1,393	1,533	1,413	1,204
1,834,112			
March 2018			
861	686		

1,103	890		
1,094			
873	1,402	1,131	
643,021			
Total all-in-cost			
March 2019			
1,138	988		
1,253	857		
1,598	1,387	1,760	1,204
900,408			
(dollar per ounce)			
Dec 2018			
1,003	1,109	1,013	862
1,393	1,533	1,413	1,204
1,881,395			
March 2018			
861	686		
1,103	890		
1,094			
873	1,402	1,131	
677,495			

Average exchange rates were US\$1 = R14.04, US\$1 = R14.27 and US\$1 = R12.01 for the March 2019, December 2018 and March 2018 quarters, respectively.

The Australian/US dollar exchange rates were A\$1 = US\$0.71, A\$1 = US\$0.72 and A\$1 = US\$0.79 for the March 2019, December 2018 and March 2018 quarters, respectively.

Figures may not add as they are rounded independently.

#

Relates to non-sustaining capital expenditure for Damang re-investment project.

* Equity accounted Joint Venture. All cost information excluded as equity accounted Joint Venture Asanko quarterly results only published on 7 May 2019.

^ Includes non-sustaining capital expenditure for Gruyere Gold mine project of US\$23.5 million (A\$33.0 million).

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Gold Fields 2019 Operating Update March Quarter
Review of Operations (Unreviewed)

Quarter ended 31 March 2019 compared
with quarter ended 31 December 2018

South Africa region

South Deep Project

March

2019

Dec

2018

Gold produced

000'oz

34.3

11.0

kg

1,069

343

Gold sold

000'oz

31.6

16.3

kg

982

508

Yield – underground reef

g/t

6.34

5.30

AISC

R/kg

900,408

1,834,112

US\$/oz

1,992

3,906

AIC

R/kg

900,408

1,881,395

US\$/oz

1,992

3,986

The December quarter was impacted by a strike which materially
reduced production and increased costs in that quarter.

Thankfully the strike was settled on 18 December 2018.

Gold production increased by 212 per cent from 343 kilograms
(11,019 ounces) in the December quarter to 1,069 kilograms

(34,353 ounces) in the March quarter, the focus was on changing historical behaviours and on starting the journey to entrench Gold Fields values and new way of doing business. The production was in line with the plan underpinning the guidance for the year despite the load curtailment implemented by Eskom. Most of January was dedicated to making safe and retraining people.

Total underground tonnes mined increased by 168 per cent from 79,000 tonnes in the December quarter to 211,600 tonnes in the March quarter. Ore tonnes mined increased by 184 per cent from 62,000 tonnes to 176,000 tonnes, while underground waste mined increased by 109 per cent from 17,000 tonnes to 35,600 tonnes. Access development in the reef areas increased by 151 per cent from 11,800 tonnes to 29,600 tonnes. Underground reef grade mined increased by 34 per cent from 4.67 grams per tonne to 6.24 grams per tonne due to an increase in longhole stoping and benching grade from 4.78 grams per tonne in the December quarter to 7.34 grams per tonne in the March quarter as a result of higher stoping tonnes from higher grade corridors. Total gold mined from underground increased by 293 per cent from 280 kilograms (9,000 ounces) in the December quarter to 1,099 kilograms (35,300 ounces) in the March quarter.

Total tonnes milled increased by 63 per cent from 159,000 tonnes in the December quarter to 258,800 tonnes in the March quarter. Reef yield increased by 20 per cent from 5.30 grams per tonne to 6.34 grams per tonne in line with the higher reef grade.

Surface tailings material treated decreased by 15 per cent from 70,000 tonnes to 59,600 tonnes.

Gold recovered from underground amounted to 1,055 kilograms (33,900 ounces) and together with 14 kilograms (445 ounces) recovered from the treatment of surface material, resulted in gold produced of 1,069 kilograms (34,300 ounces).

Destress mining increased by 193 per cent from 1,323 square metres in the December quarter to 3,881 square metres in the March quarter. We decided to apply shotcrete in destress areas based on empirical data and recommendation from the Geotechnical review board (GRB). This will reduce rehabilitation. Cycle times will be initially affected but should normalise in time. Costs can be managed and should be offset with less rehabilitation.

Longhole stoping increased by 245 per cent from 29,700 tonnes to 102,500 tonnes. Development increased by 152 per cent from 452 metres in the December quarter to 1,139 metres in the March quarter. Development in the current mine areas increased by 111 per cent from 217 metres in the December quarter to 458 metres in the March quarter. Development North of Wrench increased by

190 per cent from 235 metres in the December quarter to 681 metres in the March quarter.

The current mine contributed 55 per cent of the total ore tonnes in the March quarter compared with 69 per cent of the total ore tonnes in the December quarter. The North of Wrench contributed 31 per cent of the total ore tonnes in the December quarter compared with 45 per cent in the March quarter. The tonnage contribution from longhole stoping increased by 3 per cent from 45 per cent in the December quarter to 48 per cent in the March quarter.

Cost of sales before amortisation and depreciation decreased by 4 per cent from R763 million (US\$52 million) to R734 million (US\$52 million). Cost of sales before gold inventory change and amortisation and depreciation increased from R638 million (US\$43 million) in the December quarter to R788 million (US\$56 million) in the March quarter mainly due to higher salaries and wages due to increases, increased utilities and contractors and consumable costs in the March quarter due to increased production. This was partially offset by a gold-in-process credit to cost of R54 million (US\$4 million) in the March quarter compared with a charge to cost of R125 million (US\$9 million) in the December quarter.

Capital expenditure decreased by 26 per cent from R177 million (US\$12 million) in the December quarter to R131 million (US\$9 million) in the March quarter.

Sustaining capital expenditure decreased by 14 per cent from R153 million (US\$11 million) in the December quarter to R131 million (US\$9 million) in the March quarter due to a decrease in major component and rebuild costs for the mine's fleet, partially offset by an increase in support costs. Non-sustaining capital expenditure decreased by 100 per cent from R24 million (US\$1 million) to Rnil million (US\$nil million) due to the suspension of new mine development as planned.

All-in sustaining costs decreased by 51 per cent from R1,834,112 per kilogram (US\$3,906 per ounce) in the December quarter to R900,408 per kilogram (US\$1,992 per ounce) in the March quarter mainly due to higher gold sold, lower sustaining capital expenditure and lower cost of sales before amortisation and depreciation.

Total all-in cost decreased by 52 per cent from R1,881,395 per kilogram (US\$3,986 per ounce) in the December quarter to R900,408 per kilogram (US\$1,992 per ounce) in the March quarter due to the same reasons as for all-in sustaining costs, as well as lower non-sustaining capital expenditure.

Gold Fields 2019 Operating Update March Quarter

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West Africa region

Ghana

Tarkwa

March

2019

Dec

2018

Gold produced

000'oz

136.7

134.0

Gold sold

000'oz

136.7

134.0

Yield

g/t

1.23

1.21

AISC and AIC

US\$/oz

922

924

Gold production increased by 2 per cent from 134,000 ounces in the December quarter to 136,700 ounces in the March quarter mainly due to improved head grade and plant recovery.

Total tonnes mined, including capital waste stripping, increased by 11 per cent from 22.5 million tonnes in the December quarter to 25.0 million tonnes in the March quarter due to improved contractor fleet performance. Ore tonnes mined increased by 3 per cent from 4.0 million tonnes to 4.1 million tonnes due to increased mining volumes in line with the mining plan.

Operational waste tonnes mined increased by 20 per cent from 7.5 million tonnes to 9.0 million tonnes due to higher operational waste stripping required to expose ore at the Akontansi pit in line with the mining plan. Capital waste tonnes mined increased by 8 per cent from 11.0 million tonnes to 11.9 million tonnes. Mined grade increased by 1 per cent from 1.23 grams per tonne to 1.24 grams per tonne. Gold mined increased by 3 per cent from 157,200 ounces to 161,900 ounces as a result of increased ore tonnes mined. The strip ratio increased from 4.7 to 5.2.

The CIL plant throughput decreased marginally from 3.5 million tonnes to 3.4 million tonnes Yield increased by 2 per cent from 1.21 grams per tonne to 1.23 grams per tonne mainly due to higher grade ore mined and processed and improved plant recovery.

Cost of sales before amortisation and depreciation decreased by 14 per cent from US\$83 million to US\$71 million mainly due to a gold-in-process credit to cost of US\$9 million in the March quarter compared with US\$4 million in the December quarter.

Capital expenditure increased by 15 per cent from US\$34 million to US\$39 million due to higher capital waste stripping.

All-in sustaining costs and total all-in cost decreased marginally from US\$924 per ounce in the December quarter to US\$922 per ounce in the March quarter due to higher gold sold and lower cost of sales before amortisation and depreciation partially offset by higher capital expenditure.

Damang

March

2019

Dec

2018

Gold produced

000'oz

57.2

40.0

Gold sold

000'oz

57.2

40.0

Yield

g/t

1.54

1.28

AISC

US\$/oz

633

937

AIC

US\$/oz

1,027

1,601

Gold production increased by 43 per cent from 40,000 ounces in the December quarter to 57,200 ounces in the March quarter mainly due to higher yield and tonnes processed. The December quarter included a 16 day planned plant shutdown to replace the SAG mill shell.

Total tonnes mined, including capital stripping, decreased by 18 per cent from 10.6 million tonnes in the December quarter to 8.7 million tonnes in the March quarter due to the reduction in the 2019 planned tonnes in line with the mining sequence and as

Amoanda will cease mining as from June 2019.

Ore tonnes mined, decreased by 5 per cent from 1.43 million tonnes in the December quarter to 1.36 million tonnes in the March quarter. Total waste tonnes mined decreased by 21 per cent from 9.2 million tonnes to 7.3 million tonnes in line with the operational plan. Capital waste tonnes included in total waste tonnes decreased by 13 per cent from 6.8 million tonnes to 5.9 million tonnes in line with the 2019 plan. Operational waste tonnes mined decreased by 42 per cent from 2.4 million tonnes to 1.4 million tonnes in line with the operational plan. In the March quarter total tonnes mined at Amoanda pit were 0.9 million tonnes, at Saddle 1.8 million tonnes and at DPCB 6.0 million tonnes.

Head grade mined increased by 6 per cent from 1.50 grams per tonne to 1.59 grams per tonne due to higher grade mined at the Saddle pit. Gold mined increased by 1 per cent from 68,800 ounces to 69,400 ounces. The strip ratio decreased from 6.4 to 5.4 due to lower strip ratio areas at the Saddle and Amoanda pits.

Tonnes processed increased by 19 per cent from 0.97 million tonnes in the December quarter to 1.15 million tonnes in the March quarter due to higher plant overall equipment availability and ongoing mill optimisation work. Yield increased by 20 per cent from 1.28 grams per tonne to 1.54 grams per tonne due to higher feed grade and improved recovery. In the March quarter, tonnes milled were sourced as follows: 0.96 million tonnes at 1.65 grams per tonne from the pits and 0.19 million tonnes at 2.07 grams per tonne from high grades stockpiled in the December quarter during the SAG mill shell replacement. This compared with 0.84 million tonnes at 1.44 grams per tonne from the pits and 0.13 million tonnes at 1.03 grams per tonne from stockpiles in the December quarter.

Cost of sales before amortisation and depreciation decreased by 15 per cent from US\$33 million in the December quarter to US\$28 million in the March quarter, mainly due to lower operational waste tonnes mined.

Capital expenditure decreased by 19 from US\$31 million in the December quarter to US\$25 million in the March quarter as a result of lower capital waste tonnes mined and additional costs incurred on the Far East Tailings Storage Facility (FETSF) and Amoanda Tomento scout drilling in the December quarter

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Sustaining capital expenditure decreased by 33 from US\$3 million to US\$2 million. Non-sustaining capital expenditure decreased by 18 per cent from US\$28 million to US\$23 million mainly due to lower capital waste mined (5.9 million tonnes in the March quarter compared with 6.8 million tonnes mined in the

December quarter).

All-in sustaining costs decreased by 32 per cent from US\$937 per ounce in the December quarter to US\$633 per ounce in the March quarter mainly due to higher gold sold and lower cost of sales before amortisation and depreciation.

All-in costs decreased by 36 per cent from US\$1,601 per ounce in the December quarter to US\$1,027 per ounce in the March quarter due to the same reasons above, as well as lower non-sustaining capital expenditure.

At the end of the March 2019 quarter, and 27 months into the Damang Reinvestment Project (DRP), total material mined amounted to 94 million tonnes, 21 per cent ahead of the project schedule. Gold produced during the same period was 381,500

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Gold Fields 2019 Operating Update March Quarter ounces, 34 per cent above the DRP ounces of 285,152. The additional ounces mined is due to incremental growth from Amoanda pit not factored into the original DRP. The project capital spent to date is US\$294 million versus the original DRP budget to date of US\$249 million, largely driven by the additional capital waste tonnes mined.

Asanko (Equity accounted Joint Venture)

March

2019

Dec

2018

Gold produced

000'oz

60.4

59.8

Gold sold

000'oz

53.4

61.8

Yield

g/t

1.47

1.46

Gold production increased by 1 per cent from 59,800 ounces in the December quarter to 60,400 ounces in the March quarter.

Total tonnes mined decreased by 16 per cent from 9.8 million tonnes in the December quarter to 8.1 million tonnes in the March quarter. Ore tonnes mined increased by 7 per cent from 1.4 million tonnes in the December quarter to 1.5 million tonnes in the March quarter. Head grade mined decreased by 5 per cent from 1.51 grams per tonne in the December quarter to 1.43 grams per tonne in the March quarter.

Total waste tonnes mined decreased by 21 per cent from 8.4 million tonnes in the December quarter to 6.6 million tonnes in the March quarter. The strip ratio decreased by 28 per cent from 6.1 in the December quarter to 4.4 in the March quarter.

The plant throughput was similar at 1.2 million tonnes. Yield increased marginally from 1.46 grams per tonne in the December quarter to 1.47 grams per tonne in the March quarter.

Gold Fields' 45 per cent share of gold produced and gold sold amounted to 27,200 ounces and 24,000 ounces for the March quarter, respectively and 26,900 ounces and 27,800 ounces, respectively, for the December quarter.

All cost information excluded as Asanko quarter results only
published on 7 May 2019.

South America region

Peru

Cerro Corona

March

2019

Dec

2018

Gold produced

000'oz

39.9

48.4

Copper produced

tonnes

7,764

8,849

Total equivalent gold produced

000'eq oz

76.8

93.2

Total equivalent gold sold

000'eq oz

79.6

87.4

Yield

– gold

g/t

0.76

0.98

– copper

per cent

0.48

0.58

– combined

eq

g/t

1.41

1.81

AISC and AIC

US\$/oz

203

252

AISC and AIC

US\$/eq oz

677

649

Gold price*

US\$/oz

1,301

1,223

Copper price*

US\$/t

6,184

6,189

*

Average daily spot price for the period used to calculate total equivalent gold ounces produced.

Gold production decreased by 18 per cent from 48,400 ounces in the December quarter to 39,900 ounces in the March quarter due to lower grades mined and processed. Copper production decreased by 12 per cent from 8,849 tonnes to 7,764 tonnes due to lower grade mined and processed. Equivalent gold production decreased by 18 per cent from 93,200 ounces to 76,800 ounces mainly due to lower grade processed in line with the mining sequence and the lower price factor used for equivalent ounce conversion.

Gold head grade decreased by 16 per cent from 1.35 grams per tonne to 1.13 grams per tonne and gold recoveries decreased from 68.3 per cent to 67.3 per cent, in line with the mining sequence and due to the arsenic content which is localised and not significant in the context of the total ore body. Copper head grade decreased by 10 per cent from 0.60 per cent to 0.54 per cent in line with the mining sequence and copper recoveries decreased from 90.3 per cent to 89.0 per cent. Gold yield decreased by 22 per cent from 0.98 grams per tonne to 0.76 grams per tonne due to lower head grade and recovery. Copper yield decreased by 17 per cent from 0.58 per cent to 0.48 per cent due to lower head grade and recovery.

In the March quarter, concentrate with a payable content of 41,413 ounces of gold was sold at an average price of US\$1,296 per ounce and 7,852 tonnes of copper was sold at an average price of US\$5,604 per tonne, net of treatment and refining charges. This compared with 45,494 ounces of gold that was sold at an average price of US\$1,227 per ounce and 8,369 tonnes of copper that was sold at an average price of US\$5,426 per tonne, net of treatment and refining charges, in the December quarter.

Total tonnes mined increased by 2 per cent from 5.25 million tonnes in the December quarter to 5.37 million tonnes in the March quarter mainly due to higher ore mined in line with the mining sequence and higher efficiency of the new mining contractor. Ore mined increased by 5 per cent from 1.82 million tonnes to 1.92 million tonnes. Operational waste tonnes mined increased marginally from 3.43 million tonnes to 3.45 million tonnes in line with the mining plan. The strip ratio decreased from 1.89 to 1.80.

Ore processed increased by 6 per cent from 1.60 million tonnes to

1.70 million tonnes due to higher plant throughput in the March quarter (823 tonnes per hour in the March quarter versus 793 tonnes per hour in the December quarter), due to ore characteristics and appropriate blending.

Cost of sales before amortisation and depreciation increased by 10 per cent from US\$38 million to US\$42 million mainly due to a US\$1 million gold-in-process charge to cost in the March quarter compared with US\$5 million gold-in-process credit to cost in the December quarter as a result of an increase in stockpiles in the December quarter.

Capital expenditure decreased by 46 per cent from US\$13 million to US\$7 million due to a decrease in construction activities at the tailings dam and waste storage facilities during the rainy season.

All-in sustaining costs and total all-in cost per gold ounce decreased by 19 per cent from US\$252 per ounce in the December quarter to US\$203 per ounce in the March quarter mainly due to lower capital expenditure, partially offset by higher cost of sales before amortisation and depreciation and lower gold sold. All-in sustaining costs and total all-in cost per equivalent ounce increased by 4 per cent from US\$649 per equivalent ounce to US\$677 per equivalent ounce due to higher cost of sales before amortisation and depreciation and lower equivalent ounces sold, partially offset by lower capital expenditure.

Gold Fields 2019 Operating Update March Quarter

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Australia region

St Ives

March

2019

Dec

2018

Gold produced

000'oz

103.0

87.9

Gold sold

000'oz

92.9

87.9

Yield

– underground

g/t

4.34

3.63

– surface

g/t

2.19

2.13

– combined

g/t

2.92

2.53

AISC and AIC

A\$/oz

1,387

1,533

US\$/oz

988

1,109

Gold production, increased by 17 per cent from 87,900 ounces in the December quarter to 103,000 ounces in the March quarter due to increased ore tonnes mined with less reliance on stockpiled material.

Total ore tonnes mined increased by 83 per cent from 0.6 million tonnes in the December quarter 1.1 million tonnes in the March quarter.

Total underground ore tonnes mined increased by 3 per cent from 323,200 tonnes in the December quarter to 334,500 tonnes in the March quarter. Gold mined from underground operations increased by 21 per cent from 39,100 ounces in the December quarter to 47,500 ounces in the March quarter.

At the Hamlet underground operation, mining of the main ore body is decelerating with mine activities to be concluded by the end of 2019. Simultaneously the Hamlet North ore body is being developed with first ore expected during the first half of 2020. Ore tonnes mined at Hamlet decreased by 65 per cent from 73,800 tonnes in the December quarter to 25,700 tonnes in the March quarter. Head grade decreased by 18 per cent from 3.76 grams per tonne to 3.09 grams per tonne due to mine sequence and resultant gold mined decreased by 71 per cent from 8,900 ounces to 2,600 ounces.

Operations at the Invincible underground mine are approaching steady state. Ore tonnes mined decreased by 2 per cent from 249,400 tonnes in the December quarter to 244,800 tonnes in the March quarter. Head grade mined during the March quarter increased by 34 per cent from 3.76 grams per tonne to 5.05 grams per tonne due to mining of high grade stopes in the Drake zone, as per the mine plan. Gold mined from Invincible underground increased by 31 per cent from 30,200 ounces to 39,700 ounces.

Remnant mining of lower levels at the Cave Rocks underground mine commenced during the quarter, with 64,000 tonnes mined at 2.53 grams per tonne, yielding 5,200 ounces. The crown pillar extraction of Cave Rocks is planned for the second half of 2019.

Total tonnes mined at the open pits, increased by 9 per cent from 3.3 million tonnes in the December quarter to 3.6 million tonnes in the March quarter.

At the open pit operations, ore tonnes mined increased by 167 per cent from 0.3 million tonnes in the December quarter to 0.8 million tonnes in the March quarter. Ore was sourced from Neptune and Invincible open pits in the March quarter compared with Neptune open pit the only source of ore in the December quarter.

Grade mined from open pits, increased by 24 per cent from 1.40 grams per tonne to 1.73 grams per tonne reflecting the higher grade ore mined from Invincible pit in the March quarter. Gold mined from the open pits increased by 219 per cent from 13,100 ounces to 41,800 ounces. In the March quarter, tonnes mined were sourced as follows: 0.5 million tonnes at 1.48 grams per tonne from Neptune and 0.3 million tonnes at 2.09 grams per tonne from Invincible. This compared with 0.3 million tonnes at 1.40 grams per tonne from Neptune and nil from Invincible in the December quarter.

Operational waste tonnes mined increased by 120 per cent from 0.5 million tonnes in the December quarter to 1.1 million tonnes in the March quarter and capital waste tonnes mined decreased by 32 per cent from 2.5 million tonnes to 1.7 million tonnes. The

increase in operational waste tonnes mined was due to mining of Invincible stage 6 in the March quarter. The decrease in capital waste tonnes was due to a reduction in pre-strip mining at Neptune stage 5 in the March quarter. The strip ratio decreased from 10.6 to 3.8 driven by lower pre strip activity at Neptune.

Ounces mined at the total St Ives complex increased by 71 per cent from 52,200 ounces in the December quarter to 89,300 ounces in the March quarter due to an 83 per cent increase in overall ore tonnes mined which increased from 0.6 million tonnes in the December quarter to 1.1 million tonnes in the March quarter. The difference between ounces mined and ounces produced in both quarters is due to the drawdown from stockpiles being partially offset by plant recoveries.

At the end of the March quarter, stockpiled Neptune high-grade oxide material amounted to 27,300 ounces (563,000 tonnes at 1.51 grams per tonne), Invincible amounted to 5,400 ounces (93,000 tonnes at 1.79 grams per tonne) and A5 amounted to 7,800 ounces (174,000 tonnes at 1.41 grams per tonne). This compared with Neptune high-grade oxide material which amounted to 47,700 ounces (763,100 tonnes at 1.94 grams per tonne), Invincible amounted to 100 ounces (2,000 tonnes at 1.94 grams per tonne) and A5 amounted to 7,900 ounces (174,000 tonnes at 1.41 grams per tonne) at the end of the December quarter. Currently, Lefroy mill can only sustain a 25 per cent oxide material blend. The excess Neptune oxide material is stockpiled and fed to the mill so as to maintain the optimum blend.

Throughput at the Lefroy mill increased by 2 per cent from 1.08 million tonnes in the December quarter to 1.10 million tonnes in the March quarter. Yield increased by 15 per cent from 2.53 grams per tonne to 2.92 grams per tonne due to increased ore tonnes mined and processed with less reliance on stockpiled material.

Cost of sales before amortisation and depreciation increased by 5 per cent from A\$83 million (US\$60 million) to A\$87 million (US\$62 million) mainly due to an increase in mining costs of A\$5 million (US\$3 million), in line with the increase in operational mining and reduction in pre-stripping activities in the March quarter. The gold inventory charge to costs of A\$13 million (US\$10 million) in the March quarter compared with A\$16 million (US\$12 million) in the December quarter.

Capital expenditure decreased by 26 per cent from A\$47 million (US\$34 million) to A\$35 million (US\$25 million) due to lower pre-strip mining at the open pits and lower infrastructure spend following the completion of infrastructure fit-out at the Invincible underground mine in the December quarter.

All-in sustaining costs and total all-in cost decreased by 10 per

cent from A\$1,533 per ounce (US\$1,109 per ounce) in the December quarter to A\$1,387 per ounce (US\$988 per ounce) in the March quarter due to lower capital expenditure and increased gold sold, partially offset by higher cost of sales before amortisation and depreciation.

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Gold Fields 2019 Operating Update March Quarter

Agnew

March

2019

Dec

2018

Gold produced

000'oz

56.9

62.4

Gold sold

000'oz

59.0

60.2

Yield

g/t

6.30

6.93

AISC and AIC

A\$/oz

1,760

1,413

US\$/oz

1,253

1,013

Gold production decreased by 9 per cent from 62,400 ounces in the December quarter to 56,900 ounces in the March quarter mainly due to lower grades mined and processed.

Ore mined from underground decreased by 2 per cent from 297,400 tonnes in the December quarter to 291,700 tonnes in the March quarter. Head grade mined decreased by 7 per cent from 6.49 grams per tonnes to 6.04 grams per tonne due to lower grade stopes mined at both Waroonga (FBH) and New Holland (Sheba) in the March quarter as per the mine plan. Gold mined decreased by 9 per cent from 62,000 ounces in the December quarter to 56,600 ounces in the March quarter. In the March quarter tonnes mined were sourced as follows: 160,200 tonnes at 7.4 grams per tonne from Waroonga and 131,500 tonnes at 4.4 grams per tonne from New Holland. This compared with 153,800 tonnes at 8.2 grams per tonne from Waroonga and 143,600 tonnes at 4.6 grams per tonne from New Holland in the December quarter.

Tonnes processed increased marginally from 279,800 tonnes in the December quarter to 281,000 tonnes in the March quarter. The combined yield decreased by 9 per cent from 6.93 grams per tonne to 6.30 grams per tonne.

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Cost of sales before amortisation and depreciation increased by 7 per cent from A\$55 million (US\$39 million) in the December quarter to A\$59 million (US\$42 million) in the March quarter. The increase was due to a gold inventory charge to costs of A\$5 million (US\$4 million) in the March quarter compared with a credit of A\$2 million (US\$2 million) in the December quarter, partially offset by lower mining cost of A\$3 million (US\$2 million) as a result of lower operational development in the March quarter.

Capital expenditure increased by 48 per cent from A\$27 million (US\$20 million) to A\$40 million (US\$29 million) mainly due to increased expenditure on a new accommodation village in the March quarter.

All-in sustaining costs and total all-in cost increased by 25 per cent from A\$1,413 per ounce (US\$1,013 per ounce) in the December quarter to A\$1,760 per ounce (US\$1,253 per ounce) in the March quarter due to higher cost of sales before amortisation and depreciation and higher capital expenditure as well as lower gold sold.

Granny Smith

March

2019

Dec

2018

Gold produced

000'oz

69.3	71.0
------	------

Gold sold

000'oz

69.1	71.2
------	------

Yield

g/t

5.42	4.77
------	------

AISC and AIC

A\$/oz

1,204	1,204
-------	-------

US\$/oz

857	862
-----	-----

Gold production decreased by 2 per cent from 71,000 ounces in the December quarter to 69,300 ounces in the March quarter mainly due to lower tonnes processed.

Ore mined from underground decreased by 14 per cent from 461,900 tonnes to 398,400 tonnes due to a decrease in production stopping fronts as a result of the geotechnically controlled mining sequence. The impact of these mining sequence changes was accounted for in the 2019 guidance. Head grade mined increased by 12 per cent from 5.15 grams per tonne in the December quarter to 5.76 grams per tonne in the March quarter in line with the mining sequence. As a result, overall ounces mined decreased by 4 per cent from 76,500 ounces in the December quarter to 73,800 ounces in the March quarter.

Tonnes processed decreased by 14 per cent from 463,000 tonnes in the December quarter to 398,100 tonnes in the March quarter due to lower ore mined. The yield increased by 14 per cent from 4.77 grams per tonne to 5.42 grams per tonne due to higher head grade mined.

Cost of sales before amortisation and depreciation decreased by 10 per cent from A\$61 million (US\$44 million) in the December quarter to A\$55 million (US\$39 million) in the March quarter mainly due to a decrease in mining costs as a result of decreased ore mined.

Capital expenditure was similar at A\$21 million (US\$15 million).

All-in sustaining costs and total all-in cost were similar at A\$1,204 per ounce (US\$857 per ounce).

Gruyere

First gold remains scheduled for the June 2019 quarter, in line with the guidance issued in April 2018. The final forecast capital (FFC) cost estimate remains at A\$621 million (level of accuracy range + 2 per cent/-2 per cent) as reported by the joint venture partners on 30 July 2018.

In accordance with the Joint Venture agreement entered into at the time of the acquisition, Gold Fields will fund up to 10 per cent of costs overruns, excluding scope changes and force majeure costs. This translates to approximately A\$51 million. Consequently, Gold Fields share of the FFC is A\$337 million with A\$264 million having been incurred up to the end of March 2019. As at end March 2019, overall project construction and commissioning was 96.2 per cent complete, with EPC construction and commissioning (process plant and associated infrastructure) 93.9 per cent complete.

Mining activity is well under way with a further 3.5 million tonnes of waste cleared during the quarter. First ore was mined during the March quarter with 0.8 million tonnes of ore at 0.8 grams per tonne stockpiled for processing in subsequent quarters.

Gold Fields 2019 Operating Update March Quarter

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UNDERGROUND AND SURFACE (UNREVIEWED)

United States Dollars

Imperial ounces with
metric tonnes and grade

Total Mine

Operations

Including

Equity
accounted

Joint

Venture

South

Africa

Region

West

Africa

Region

South

America

Region

Australia

Region

Ghana

Peru

Australia

South

Deep

Total

Tarkwa

Damang

Asanko

#

45%

Cerro

Corona

Total

St Ives

Agnew/

Lawlers

Granny

Smith

Gruyere

Tonnes mined

March 2019

1,201

176

—

—

—

	-
	1,025
	335
	292
	398
	-
(000 tonnes)* Dec	
2018	
	1,144
	62
	-
	-
	-
	-
	-
	1,082
	323
	297
	462
	-
- underground ore	
March 2018	
	1,088
	255
	-
	-
	-
	-
	-
	833
	131
	293
	409
	-
March 2019	
	36
	36
	-
	-
	-
	-
	-
	-
	-
	-
	-
- underground waste	
Dec 2018	
	17

17

—

—

—

—

—

—

—

—

—

—

March

2018

58

58

—

—

—

—

—

—

—

—

—

March 2019

9,151

—

6,097

4,062

1,358

677

1,921

1,133

752

—

—

381

— surface ore

Dec 2018

8,113

—

6,005

3,963

1,427

616

1,819

289

289

—

—

—
 March 2018
 7,581
 —
 4,271
 3,563
 707
 —
 1,675
 1,635
 1,635
 —
 —
 —
 March 2019
 10,388
 212
 6,097
 4,062
 1,358
 677
 1,921
 2,158
 1,087
 292
 398
 381
 — total
 Dec 2018
 9,274
 79
 6,005
 3,963
 1,427
 616
 1,819
 1,371
 611
 297
 462
 —
 March 2018
 8,727
 313
 4,271
 3,563
 707
 —
 1,675
 2,468
 1,767

293

409

—

Grade mined

March 2019

5.5

6.2

—

—

—

—

—

5.4

4.4

6.0

5.8

—

(grams per tonne)

Dec

2018

5.2

4.7

—

—

—

—

—

5.1

3.8

6.5

5.2

—

— underground ore

March 2018

6.0

6.1

—

—

—

—

—

5.8

4.3

6.5

5.7

—

March 2019

—

—

—

—

—
—
—
—
—
—
—
—
—
— underground waste
Dec 2018

March
2018

March 2019
1.3
—
1.3
1.2
1.6
1.4
1.0
1.4
1.7
—
—
0.8
— surface ore
Dec 2018

1.4
 –
 1.2
 1.2
 1.5
 1.5
 1.4
 1.4
 1.4
 –
 –
 –
 March 2018
 1.6
 –
 1.3
 1.3
 1.5
 –
 0.8
 3.0
 3.0
 –
 –
 –
 March 2019
 1.8
 5.2
 1.3
 1.2
 1.6
 1.4
 1.0
 3.3
 2.6
 6.0
 5.8
 0.8
 – total
 Dec 2018
 1.9
 3.8
 1.2
 1.2
 1.5
 1.5
 1.4
 4.3
 2.7
 6.5
 5.2

—
March 2018

2.2

5.0

1.3

1.3

1.5

—

0.8

4.0

3.1

6.5

5.7

—

Gold mined

March 2019

213.2

35.3

—

—

—

—

—

177.9

47.5

56.6

73.8

—

(000 ounces)*

Dec

2018

186.6

9.0

—

—

—

—

—

177.6

39.1

62.0

76.5

—

— underground ore

March 2018

203.0

48.4

—

—

—

—

161.9
 69.4
 31.1
 64.2
 51.1
 41.8
 —
 —
 9.3
 — surface ore
 Dec 2018
 347.6
 0.3
 255.3
 157.2
 68.8
 29.3
 79.0
 13.1
 13.1
 —
 —
 —
 March 2018
 385.7
 —
 180.8
 146.1
 34.7
 —
 44.6
 160.2
 160.2
 —
 —
 —
 March 2019
 590.9
 35.3
 262.4
 161.9
 69.4
 31.1
 64.2
 229.0
 89.3
 56.6
 73.8
 9.3
 — total
 Dec 2018

534.2
 9.3
 255.3
 157.2
 68.8
 29.3
 79.0
 190.7
 52.2
 62.0
 76.5
 —
 March 2018
 588.6
 48.4
 180.8
 146.1
 34.7
 —
 44.6
 314.8
 178.4
 61.4
 75.0
 —
 Ore milled/treated
 March 2019
 1,214
 166
 —
 —
 —
 —
 —
 1,048
 369
 281
 398
 —
 (000 tonnes)* ^
 Dec 2018
 1,096
 63
 —
 —
 —
 —
 —
 1,033
 289
 280

463

—

— underground ore

March 2018

1,110

311

—

—

—

—

—

799

87

283

429 —

March 2019

33

33

—

—

—

—

—

—

—

—

—

—

— underground waste ^

Dec 2018

26

26

—

—

—

—

—

—

—

—

—

March

2018

32

32

—

—

—

—

—

—
—
—
—
—
March 2019
7,632
60
5,146
3,445
1,150
551
1,696
730
730
—
—
—
— surface ore
Dec 2018
7,449
70
4,986
3,457
972
557
1,602
792
792
—
—
—
March 2018
7,230
64
4,516
3,411
1,105
—
1,665
986
986
—
—
—
March 2019
8,879
259
5,146
3,445
1,150

551
 1,696
 1,778
 1,099
 281
 398
 —
 — total
 Dec 2018
 8,571
 159
 4,986
 3,457
 972
 557
 1,602
 1,824
 1,081
 280
 463
 —
 March 2018
 8,372
 407
 4,516
 3,411
 1,105
 —
 1,665
 1,785
 1,073
 283
 429
 —
 Yield
 March 2019
 5.4
 6.3
 —
 —
 —
 —
 —
 5.3
 4.3
 6.3
 5.4
 —
 (Grams per tonne)
 Dec 2018
 5.1

5.3

—

—

—

—

—

5.0

3.6

7.0

4.9

—

— underground ore

March 2018

5.0

4.7

—

—

—

—

—

5.3

3.2

6.4

5.1

—

March 2019

—

—

—

—

—

—

—

—

—

—

—

—

— underground waste

Dec 2018

—

—

—

—

—

—

—

—

—

—

—

–
 March
 2018
 –
 –
 –
 –
 –
 –
 –
 –
 –
 –
 –
 –
 March 2019
 1.4
 0.2
 1.3
 1.2
 1.5
 1.5
 1.4
 2.2
 2.2
 –
 –
 –
 – surface ore
 Dec 2018
 1.3
 0.1
 1.2
 1.2
 1.3
 1.5
 1.8
 2.1
 2.1
 –
 –
 –
 March 2018
 1.4
 0.2
 1.2
 1.2
 1.0
 –
 1.3
 2.7

2.7

—

—

—

March 2019

2.0

4.1

1.3

1.2

1.5

1.5

1.4

4.0

2.9

6.3

5.4

—

— combined

Dec 2018

1.8

2.1

1.2

1.2

1.3

1.5

1.8

3.8

2.5

6.9

4.8

—

March 2018

1.9

3.6

1.2

1.2

1.0

—

1.3

3.9

2.8

6.4

5.1

—

Gold produced

March 2019

211.7

33.9

—

—

—

	-
	177.8
	51.6
	56.9
	69.3
	-
(000 ounces)*	
Dec 2018	
	177.7
	10.7
	-
	-
	-
	-
	-
	167.0
	33.6
	62.4
	71.0
	-
- underground ore	
March 2018	
	184.7
	47.4
	-
	-
	-
	-
	-
	137.2
	8.8
	58.6
	69.8
	-
March 2019	
	-
	-
	-
	-
	-
	-
	-
	-
	-
	-
	-
- underground waste	
Dec 2018	
	-

	-
	-
	-
	-
	-
	-
	-
	M
	2
	-
	-
	-
	-
	-
	-
	M
	3
	0
	2
	1
	5
	2
	7
	5
	5
	-
	-
	-
	D
	3
	0
	2
	1
	4
	2
	9
	5
	5
	-
	-

March
2018

March 2019

349.7

0.4

221.1

136.7

57.2

27.2

76.8

51.4

51.4

– surface ore

Dec 2018

348.8

0.3

200.9

134.0

40.0

26.9

93.2

54.3

54.3

—
 March 2018
 322.6
 0.3
 167.2
 131.2
 36.0
 —
 68.7
 86.4
 86.4
 —
 —
 —
 March 2019
 561.4
 34.3
 221.1
 136.7
 57.2
 27.2
 76.8
 229.2
 103.0
 56.9
 69.3
 —
 — total
 Dec 2018
 526.5
 11.0
 200.9
 134.0
 40.0
 26.9
 93.2
 221.3
 87.9
 62.4
 71.0
 —
 March 2018
 507.1
 47.7
 167.2
 131.2
 36.0
 —
 68.7
 223.6
 95.2

58.6
69.8
—
Cost of sales before gold
inventory change and
amortisation and
depreciation
March 2019
131
281
—
—
—
—
—
102
78
137
98
—
(dollar per tonne)
Dec 2018
132
476
—
—
—
—
—
99
64
146
94
—
— underground
March 2018
157
224
—
—
—
—
—
121
157
150
95
—
March 2019
27
3

27
 23
 29
 —
 25
 32
 32
 —
 —
 —
 — surface
 Dec 2018
 30
 3
 30
 25
 40
 —
 27
 37
 37
 —
 —
 —
 March 2018
 25
 3
 23
 22
 27
 —
 24
 39
 39
 —
 —
 —
 March 2019
 41
 217
 27
 23
 29
 —
 25
 73
 47
 137
 98
 —
 — total

Dec 2018

43

267

30

25

40

—

27

73

45

146

94

—

March 2018

43

190

23

22

27

—

24

76

48

150

150

—

* Excludes surface material at South Deep.

#

Includes only 45 per cent of Asanko (Equity accounted Joint Venture).

^ Reef and ore milled were adjusted in 2018.

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Gold Fields 2019 Operating Update March Quarter
CERTAIN FORWARD LOOKING STATEMENTS

This report contains forward-looking statements within the meaning of Section 27A of the U.S. Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the U.S. Securities Exchange Act of 1934, as amended, or the Exchange Act, with respect to Gold Fields' financial condition, results of operations, business strategies, operating efficiencies, competitive position, growth opportunities for existing services, plans and objectives of management, markets for stock and other matters. Such forward-looking statements can be identified by the use of forward-looking terminology, including the terms "believes", "estimates", "plans", "anticipates", "aims", "continues", "expects", "hopes", "may", "will", "would" or "could" or, in each case, their negative or other various or comparable terminology.

These forward-looking statements, including, among others, those relating to the future business prospects, revenues and income of Gold

Fields, wherever they may occur in this report, are necessarily estimates reflecting the best judgement of the senior management of Gold

Fields and involve a number of risks and uncertainties that could cause actual results to differ materially from those suggested by the

forward-looking statements. As a consequence, these forward-looking statements should be considered in light of various important factors,

including those set forth in this report. Important factors that could cause actual results to differ materially from estimates or projections

contained in the forward-looking statements include, without limitation:

- overall economic and business conditions in South Africa, Ghana, Australia, Peru and elsewhere;
- changes in assumptions underlying Gold Fields' mineral reserve estimates;
- the ability of the Group to achieve anticipated efficiencies and other cost savings in connection with past and future acquisitions or joint ventures;
- the ability of the Group to achieve anticipated efficiencies and other cost savings as a result of measures such as retrenchments;
- the ability of the Group to achieve anticipated production cost estimates at existing operations, projects or joint ventures as outlined in this report or as otherwise disclosed;
- the success of the Group's business strategy, development activities and other initiatives;
- the ability of the Group to comply with requirements that it operate in a sustainable manner and provide benefits to affected communities;
- decreases in the market price of gold or copper;
- the occurrence of hazards associated with underground and surface gold mining or contagious diseases at Gold Fields' operations, projects or joint ventures;
- the occurrence of work stoppages related to health and safety incidents at Gold Fields' operations, projects or joint ventures;
- the Group's loss of senior management or inability to hire or retain employees;
- fluctuations in exchange rates, currency devaluations and other macro-economic monetary policies;
- ongoing or future labour disruptions and industrial actions at Gold Fields' operations, projects or joint ventures;
- power cost increases as well as power stoppages, fluctuations and usage constraints;

- supply chain shortages and increases in the prices of production imports;
- the ability to manage and maintain access to current and future sources of liquidity, capital and credit, including the terms and conditions
 - of Gold Fields' facilities and Gold Fields' overall cost of funding;
- the adequacy of the Group's insurance coverage;
- the manner, amount and timing of capital expenditures made by Gold Fields on both existing and new mines, mining projects,
 - exploration project or other initiatives;
- changes in relevant government regulations, particularly labour, environmental, tax, royalty, health and safety, water, regulations and
 - potential new legislation affecting Gold Fields' mining and mineral rights;
- fraud, bribery or corruption at Gold Fields' operations, projects or joint ventures that leads to censure, penalties or negative reputational
 - impacts; and
- political instability in South Africa, Ghana, Peru or regionally in Africa or South America.

Gold Fields undertakes no obligation to update publicly or release any revisions to these forward-looking statements to reflect events or

circumstances after the date of this report or to reflect the occurrence of unanticipated events.

Gold Fields 2019 Operating Update March Quarter
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ADMINISTRATION AND CORPORATE INFORMATION

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American depository receipts transfer agent

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College Station, TX 77842-3170

Overnight correspondence should be sent to:

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College Station, TX 77845

e-mail: shrrelations@cpushareownerservices.com

Phone numbers

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Tel: 201 680 6825 Foreign

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Issuer code: GOGOF
ISIN – ZAE 000018123
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Calls outside the United Kingdom will be charged at the applicable international rate.
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Website

WWW.GOLDFIELDS.COM

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JSE / NYSE / GFI

SWX: GOL

CA Carolus° (

Chair

) RP Menell° (Deputy Chair) NJ Holland*•

(*Chief Executive Officer*) PA Schmidt*(*Chief Financial Officer*)

A Andani

#

° PJ Bacchus° TP Goodlace° C Letton^° P Mahanyele-DabengwaSP Reid^° YGH Suleman°

^ Australian * British

#

Ghanaian

° Independent Director •Non-independent Director

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 authorised.

GOLD FIELDS LIMITED

Dated: 25 April 2019

By:

/s/ Nicholas J. Holland

Name:

Nicholas J. Holland

Title:

Chief Executive Officer