GOLD FIELDS LTD Form 6-K April 26, 2017 **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 26 April 2017 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):

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Gold Fields Operating Update
March 2017 Quarter
JOHANNESBURG. 26 APRIL 2017:
Gold Fields Limited (NYSE & JSE: GFI) is pleased to provide an operational
update for the quarter ended 31 March 2017. 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
Ouarter
March
2017
December
2016
March
2016
Gold produced*
oz (000)
497
566
515
Continuing operations
483
552
496
Discontinued operations
14
14
19
Tonnes milled/treated
000
8,665
8,606
8,589
Continuing operations
8,545
8,493
8,489
Discontinued operations
120
113
100
Revenue US$/oz
1,216
1,198
1,192
Continuing operations
1,216
1,197
1,197
1,192
```

Discontinued operations 1,218 1,223 1,193 Operating costs US\$/tonne 42 45 40 Continuing operations 41 44 40 **Discontinued** operations 126 120 154 All-in sustaining costs US\$/oz 1,016 911 961 Continuing operations 1,003 897 956 Discontinued operations 1,434 1,443 1,105 Total all-in cost US\$/oz 1,114 941 986 Continuing operations 1,104 928 981 Discontinued operations 1,434 1,443 1,105 Net debt US\$m 1,241 1,166 1,337 Continuing operations 1,241 1,166

1,337 Net debt to EBITDA ratio х 1.04 0.95 1.21 Cash flow from operating activities** US\$ (35)82 26 Continuing operations (30)84 25 **Discontinued** operations (5)(2)1 *All of the key statistics are managed figures from continuing operations, except for gold produced which is attributable equivalent production. **Cash flow from operating activities (which is net of tax) less net capital expenditure, environmental payments and financing costs. All operations are wholly owned except for Tarkwa and Damang in Ghana (90.0 per cent) and Cerro Corona in Peru (99.5 per cent). Gold produced (and sold) throughout this report includes copper gold equivalents of approximately 7 per cent of Group production. STOCK DATA FOR THE 3 MONTHS ENDED 31 MARCH 2017 Number of shares in issue NYSE - (GFI) - at end March 2017 820,606,945 Range – Quarter US\$2.95 - US\$3.67 - average for the quarter 820,606,945 Average Volume – Quarter 7,263,275 shares/day Free Float 100 per cent JSE LIMITED - (GFI) **ADR Ratio** 1:1 Range – Quarter ZAR38.03 - ZAR49.75 **Bloomberg/Reuters** GFISJ/GFLJ.J Average Volume – Quarter 3,300,042 shares/day

2 Gold Fields Operating update March 2017 Quarter

Statement by Nick Holland Chief Executive Officer of Gold Fields Q1 2017 OPERATIONAL PERFORMANCE

Gold Fields had a slow start to 2017, with two fatalities at South Deep during the quarter and significant rain events which

impacted open pit operations in Australia. While we have made good progress on safety across the Group, these incidents

are tragic reminders that we still have more work to do. Our sincere condolences go out to the family, friends and colleagues

of Mr Bekwayo and Mr Mehlwana.

Attributable equivalent gold production for the quarter was 3% lower YoY (12% lower QoQ) at 497koz. All-in sustaining costs

(AISC) were 6% higher YoY (12% higher QoQ) at US1,016/oz and all-in costs (AIC) were 13% higher YoY (18% higher QoQ)

at US\$1,114/oz. The average US\$ gold price achieved in the quarter was 2% higher YoY (2% higher QoQ) at US\$1,216/oz.

The average Australian dollar for the quarter was 0.75 (4% weaker YoY and similar QoQ), while the average South African

rand for the quarter was 13.27 (16% weaker YoY and 4% stronger QoQ).

At South Deep production was negatively impacted by the two fatal accidents and three falls of ground in the higher grade

section of the mine which has resulted in a deferral of mining higher grade areas. Consequently, gold production was 1,424kg

(45.8koz), down 28% YoY (43% down QoQ). All-in costs (AIC) were 26% higher YoY (56% higher QoQ) at R777,497/kg

(US\$1,821/oz). The challenges during the quarter impacted tramming activities at the mine, which resulted in a more severe

impact on gold production than on gold broken. Gold broken during the quarter was 1,784kg (57.4koz), 360kg higher than

gold recovered, but around 300kg (9.6koz) lower than what it needed to be to track guidance for the year. The build-up of

excess broken stocks underground is expected to be recovered in the next two quarters while access to the higher grade

areas to recover the gold deferred is expected in the June quarter. In line with the recently announced rebase plan, ground

support standards are being strengthened, where required, to reduce the risks of falls of ground and the resultant impact on

operations. Despite the slow start, the full year guidance for South Deep remains unchanged.

Managed production in Ghana for Q1 2017 was 174.5koz, down 4% YoY (down 5% QoQ), with AIC of US\$1,153/oz, up 12%

YoY (up 17% QoQ), as spending on the Damang reinvestment project commenced during the quarter. Gold equivalent

production at Cerro Corona was 9% higher YoY (16% lower QoQ) at 68.7koz, with AIC of US\$626 per equivalent

ounce, down 12% YoY (down 7% QoQ).

The Australian region produced 225.4koz for the quarter, flat YoY (down 6% QoQ), with AIC of A\$1,335/oz (US\$1,007/oz), up

6% YoY (up 10% QoQ). With Darlot in a sales process it is now considered a discontinuing operation. Consequently, production from continuing operations for the quarter was 211.7koz at AIC of A\$1,299 (US\$979/oz).

Net cash flow and net debt

Due to the higher capital expenditure, driven by growth capital expenditure at Damang (US\$20m), Gruyere (US\$10m), Salares

Norte (US\$12m) and South Deep (US\$2m) the net cash flow from operating activities (net of tax) less net capital expenditure,

environmental payments and financing costs for the quarter was an outflow of US\$35m, compared to an inflow of US\$26m

in Q1 2016. If we exclude the growth capital expenditure of US\$44m, then the net cash flow would have been an inflow of

US\$9m. As a result of the net outflow and the final dividend payment, the net debt balance increased to US\$1,241m during

the quarter (31 December 2016: US\$1,166m). Net debt to EBITDA was 1.04x.

UPDATE ON PROJECTS

Damang

The Damang Re-Investment Project commenced on 23 December 2016 with two major mining contractors operating in the

Damang complex and satellite pit areas. The majority of mining equipment is on site, with the remainder expected by the end

of April. Total tonnes mined for Q1 was 9.61Mt (plan 7.34Mt). The project is expected to deliver approximately 36Mt (plan

33Mt) in 2017 due to increased productivities with the key focus on capital waste stripping. Construction of the 2.5m lift on

the existing East Tailings Storage Facility (ETSF) has been completed and commissioned with capacity of 2.2Mt till Q4 2017.

The Far East Tailings Storage Facility (FETSF) construction (a new storage capacity required in Q4 that will provide life of mine

tailings capacity requirements) has commenced. Expenditure for the quarter amounted to US\$20m with the forecast for the

year on budget at US\$120m.

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Gold Fields Operating update

March 2017 Quarter

Gruyere

As previously reported, the Western Australian Department of Mines and Petroleum granted approval in February 2017 for

the Project Management Plan, Mining Proposal and Mine Closure Plan. Preferred tenderers for the major contracts including

bulk earthworks, EPC and power supply were confirmed during the quarter. The 288-room Gruyere Village Stage 1 was

commissioned in March and earthworks for the Gruyere Village Stage 2 site have also been completed. The complete 648

room Gruyere Village is expected to be ready for occupancy by end of May 2017. Construction of the Anne Beadell borefield,

which will support early construction activities and supply of potable water to the camp, has commenced. Expenditure for

the quarter amounted to A\$14m (US\$10m) with the forecast for the year on budget at A\$153m (US\$112m). FY17 GUIDANCE INTACT

Attributable equivalent gold production for 2017 is expected to be between 2.10 million ounces and 2.15 million ounces, with

AISC of between US\$1,010 per ounce and US\$1,030 per ounce. As previously guided, due to the increased project capital

spend, AIC is expected to be between US\$1,170 per ounce to US\$1,190 per ounce.

DIRECTOR APPOINTMENT

On 3 March 2017, Gold Fields announced the appointment of Dr Carmen Letton as an independent non-executive director to

its Board of directors with effect from 1 May 2017. Dr Letton is head of open pit mining for Anglo American. She has over 30

years' experience in leadership and technical roles, both in the Australian and the international mining environment. **APPOINTMENT OF EVP: SOUTH AFRICA**

We are pleased to announce the appointment of Martin Preece as EVP: South Africa, effective 2 May 2017. Martin was

previously the Chief Operating Officer at De Beers Consolidated Mines and has spent more than 30 years in diamond mining

at De Beers, with extensive experience in massive mechanised underground mining. We believe that his experience will help

drive South Deep to become an efficient, sustainable mechanised mine.

N.J. Holland Chief Executive Officer

26 April 2017

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8,489

Gold Fields Operating update March 2017 Quarter Salient feature and cost benchmarks Salient features and cost benchmarks for the quarters ended 31 March 2017, 31 December 2016 and 31 March 2016 **UNITED STATES DOLLARS** Total Mine Operations Total Mine Continuing Operations South Africa Region West Africa Region South America Region Ghana Peru South Deep Total Tarkwa Damang Cerro Corona **OPERATING RESULTS** Ore milled/treated March 2017 8,665 8,545 443 4,632 3,459 1,172 1,706 (000 tonnes) December 2016 8,606 8,493 565 4,465 3,336 1,129 1,742 March 2016 8,589

543
4,536
3,497
1,039
1,751
Yield
March 2017
1.8
1.8
3.2
1.2
1.2
1.0
1.3
(grams per tonne)
December 2016
2.1
2.1
4.4
1.3
1.4
1.0
1.5
March
2016
1.9
1.9
3.6
1.2
1.2
1.2
1.1
Gold produced
March 2017
514.4
500.7
45.8
174.5
138.7
35.8
68.7
(000 managed equivalent ounces)
December 2016
584.4
570.4
80.9
182.8
145.9
36.9
81.5
March

2016
533.1
514.4
63.6
181.1
139.5
41.7
62.9
Gold sold
March 2017
512.8
499.1
46.7
174.5
138.7
35.8
66.1
(000 managed equivalent ounces)
December 2016
587.7
573.7
79.9
182.8
145.9
36.9
85.8
March
2016
531.7
513.0
63.6
181.1
139.5
41.7
61.6
Net operating costs*
March 2017
(354.9)
(340.0)
(70.7)
(107.3)
(78.0)
(29.3)
× /
(32.3)
(million) December
2016
(368.4)
(353.9)
(72.6)
(117.4)
(82.0)
(02.0)

(35.3)
(39.8)
March
2016
(331.0)
(315.5)
(58.5)
(121.6)
(78.0)
(43.5)
(32.8)
Operating costs
March 2017
42
41
169
25
25
26
21
(dollar per tonne)
December 2016
45
44
130
28
27
27
31
23
March
2016
40
40
108
29
25
42
18
Sustaining capital*
March 2017
(138.0)
(133.8)
(11.4)
(59.5)
(49.7)
(49.7) (9.8)
· · · ·
(5.2) (million) December
(million) December
2016
(155.9)

(149.7)
(14.7)
(52.0)
(40.6) (11.4)
(15.5)
March
2016
(139.1) (135.1)
(135.1) (14.6)
(48.5)
(47.8)
(0.6) (5.2)
Non-sustaining capital*
March 2017
(32.2)
(32.2) (1.7)
(20.3)
-
(20.3)
(million) December
2016
(2.0)
(2.0) (2.0)
-
-
-
March
2016
(2.0)
(2.0) (2.0)
-
-
Total capital expenditure*
March 2017
(170.2)
(166.1) (13.1)
(79.9)
(49.7)
(30.1) (5.2)
(3.2)

(million) December
2016
(157.9)
(151.7)
(16.7)
(52.0)
(40.6)
(11.4)
(15.5)
March
2016
(141.1)
(137.1)
(16.6)
(48.5)
(47.8)
(0.6)
(5.2)
All-in-sustaining costs
March 2017
1,009
997
1,784
1,037
1,010
1,142
118
(dollar per ounce)
December 2016
914
899
1,097
989
906
1,317
303
March
2016
949
943
1,183
1,028
994
1,139
386
Total all-in-cost
March 2017
1,076
1,065
1,821
1,153
-,

1,010 1,709 118 (dollar per ounce) December 2016 917 902 1,122 989 906 1,317 303 March 2016 953 946 1,215 1,028 994 1,139 386 **UNITED STATES DOLLARS AUSTRALIAN DOLLARS** SOUTH **AFRICAN** RAND **UNITED STATES DOLLARS AUSTRALIAN DOLLARS** Australia Region Australia Region South Africa Region Australia Region Australia Region Continuing Continuing **Discontinued** Discontinued Total St Ives Agnew/ Lawlers Granny Smith Total

St Ives Agnew/ Lawlers Granny Smith South Deep Darlot Darlot **OPERATING RESULTS** Ore milled/treated March 2017 1,764 995 308 461 1,764 995 308 461 443 120 120 (000 tonnes) December 2016 1,721 1,094 298 329 1,721 1,094 298 329 565 113 113 March 2016 1,659 997 284 378 1,659 997 284 378 543 100 100 Yield March 2017

3.7
2.6
5.9
4.9
3.7
2.6
5.9
4.9
3.2
3.6
3.6
(grams per tonne)
December 2016
4.1
2.7
6.5
6.4
4.1
2.7
6.5
6.4
4.4
3.8
3.8
March
2016
3.9
2.7
5.7
5.6
3.9
2.7
5.7
5.6
3.6
5.8
5.8
Gold produced
March 2017
211.7
81.6
58.3
71.9
211.7
81.6
58.3
71.9
1,424
13.7
13.7
(000 managed

D
December 2016
225.2
95.6 62.2
67.4
225.2
95.6 62.2
67.4
2,516
14.0
14.0
equivalent ounces)
March 2016
206.7
87.0
52.1
67.5
206.7
87.0
52.1
67.5
1,978
18.7
18.7
Gold sold
March 2017
211.7
81.6
58.3
71.9
211.7
81.6
58.3
71.9
1,454
13.7
13.7 (000 managed
(000 managed
December 2016 225.2
95.6
62.2
67.4
225.2
95.6
62.2
67.4
2,485
14.0
14.0

equivalent ounces) March 2016 206.7 87.0 52.1 67.5 206.7 87.0 52.1 67.5 1.070
1,978 18.7 18.7
Net operating costs* March 2017 (129.6) (48.6)
(39.1) (41.9) (171.9) (64.5)
(51.8) (55.6) (939.4)
(14.9) (19.8) (million) December 2016
(124.1) (56.2) (36.1)
(31.8) (165.8) (75.3) (48.2)
(42.2) (1,012.1) (14.5)
(19.1) March 2016
(102.6) (35.1) (34.6) (32.9) (142.5) (48.8)
(48.0) (45.6) (924.3) (15.5)

(21.4)
Operating costs
March 2017
70
47
125
83
93
62
165
109
2,245
126
168
(dollar per tonne)
December 2016
77
51
135
111
103
69
180
148
1,797
120
159
March
2016
66
43
119
86
91
59
164
120
1,702
155
215
Sustaining capital*
March 2017
(57.7)
(26.1)
(14.0)
(17.5)
(76.5)
(34.7)
(18.6)
(23.2)
(150.9)

(4.2)
(5.5)
(million) December
2016
(67.6)
(27.6)
× /
(13.4)
(26.7)
(89.6)
(36.5)
(17.7)
(35.5)
(199.7)
(6.2)
(8.2)
March
2016
(66.8)
(32.7)
(19.6)
(14.5)
(92.7)
(45.4)
(27.2)
(20.1)
(230.1)
(4.0)
(5.6)
Non-sustaining capital*
March 2017
(10.2)
#
-
-
-
(13.6)
#
-
-
_
(22.7)
-
_
(million) December
2016
2010
-
-

-
-
(28.3)
March
2016
-
-
-
- - -
-
-
-
- (31.9)
(31.9)
-
Total capital expenditure*
March 2017
(67.9)
(26.1)
(14.0)
(17.5)
(90.1)
(34.7)
(18.6)
(23.2)
(173.6)
(4.2)
(5.5)
(million) December
2016
(67.6)
(27.6)
(13.4)
(26.7)
(89.6)
(36.5)
(17.7)
(35.5)
(228.0)
(6.2)
(8.2)
March
2016
(66.9)
(32.7)
(19.6)
(14.5)
(92.6)
()2.0)

(45.4)
(27.2)
(20.1)
(262.0)
(4.0)
(5.6)
All-in-sustaining costs
March 2017
931
966
957
871
1,234
1,280
1,268
1,153
761,867
1,434
1,899
(dollar per ounce)
December 2016
878
914
815
885
1,165
1,213
1,081
1,175
488,534
1,443
1,921
March
2016
886
852
1,106
759
1,229
1,182
1,536
1,054
600,563
1,105
1,534
Total all-in-cost
March 2017
979
966
957
871

1,299
1,280
1,268
1,153
777,497
1,434
1,899
(dollar per ounce)
December 2016
878
914
815
885
1,165
1,213
1,081
1,175 499,954
1,443
1,921 March
2016
886
852
652 1,106
759
1,229
1,229
1,536
1,054
616,706
1,105
1,534
Average exchange rates were US\$1 = R13.27, US\$1 = R13.87 and US\$1 = R15.79 for the March 2017, December
2016 and March 2016 quarters respectively.
The Australian/US dollar exchange rates were A ^{\$1} = US ^{\$0.75} , A ^{\$1} = US ^{\$0.75} and A ^{\$1} = US ^{\$0.72} for the March
2017, December 2016 and March 2016 quarters respectively.
Figures may not add as they are rounded independently.
* In local currency.
#

Relates to non-sustaining capital expenditure for Gruyere Project.

5 Gold Fields Operating update March 2017 Quarter **Review of Operations** Quarter ended 31 March 2017 compared with quarter ended 31 December 2016 **CONTINUING OPERATIONS South Africa region** South Deep Project March 2017 Dec 2016 Gold produced 000'oz 45.8 80.9 kg 1,424 2,516 Gold sold 000'oz 46.7 79.9 kg 1,454 2,485 Yield – underground reef g/t 5.16 5.51 AISC R/kg 761,867 488,534 US\$/oz 1,784 1,097 AIC R/kg 777,497 499,954 US\$/oz 1,821 1,122

South Deep regrettably had two fatal accidents during the March quarter. Mr Bekwayo, a dump truck operator and Mr Mehlwana, a locomotive operator lost their lives in tramming related incidents. The fatal accident on 1 January 2017 affected access to mining areas and hauling ability. Loss of access to both tips in the high

grade 3 West section and the main workshop on 93 level, restricted hauling activities until 11 March. The fatal accident on 16 February 2017 affected rail bound tramming on 95 level for 6 days.

Gold production decreased by 43 per cent from 2,516 kilograms (80,900 ounces) in the December quarter to 1,424 kilograms (45,800 ounces) in the March quarter mainly due to a decrease in tonnes mined and in head grade. Approximately 300 kilograms (9,600 ounces) were lost as a result of the fatal accidents. Another approximately 350 kilograms (11,300 ounces) were lost due to falls of ground.Over and above these factors the March quarter is characterised by the extended Christmas break, which is typical of South African based mines.

Three incidents of falls of ground occurred in the thinner more proximal part of the ore body. The first one was due to risks posed by the secondary extraction of drifts. The second one was due to proximity to the lavas in the hanging wall. The third one was due to set collapses caused by an equipment collision. The net effect of these events was that certain high grade areas were rendered temporarily unavailable. In addition, the planned rehabilitation of reef ore-passes due to scaling, reduced ore-pass availability during the quarter.

The fatal accidents, falls of ground and the extended Christmas break impacted destress mining, longhole stoping and development.

Total underground tonnes mined decreased by 26 per cent from 495,400 tonnes in the December quarter to 365,200 tonnes in the March quarter. The average grade mined decreased by 7 per cent from 5.23 grams per tonne to 4.89 grams per tonne due to the temporary loss of high grade areas.

Gold broken during the quarter amounted to 1,784 kilograms (57,400 ounces), 360 kilograms (11,600 ounces) higher than gold recovered.

expected to be recovered in the next two quarters while access to the higher grade areas to recover the gold deferred is expected in the June quarter.

Destress mining decreased by 28 per cent from 6,148 square metres in the December quarter to 4,402 square metres in the March quarter

due to the same reasons above as well as a

temporary slowing down of destress mining as a precautionary measure as a result of intersections of geological features

Longhole stoping decreased by 32 per cent from 252,000 tonnes to 171,000 tonnes due to the same reasons as above. The current

mine (95 level and above) contributed 64 per cent of the ore tonnes in the March quarter, compared with 63 per cent in the December quarter. The longhole stoping method accounted for 47 per cent of total tonnes mined in the March quarter compared with 51 per cent in the December quarter.

Development decreased by 25 per cent from 2,043 metres in the December guarter to 1,526 metres in the March guarter due to same reasons as above. New mine capital development (phase one, sub 95 level) decreased by 7 per cent from 210 metres in the December quarter to 195 metres in the March quarter. Development in the current mine areas decreased by 27 per cent from 1,833 metres to 1,331 metres. Remedial action in the form of i ncreased ore-body definition-drilling will be implemented to enhance information on geotechnical structures, together with a revised support strategy and mining sequence to facilitate improved extraction and increase the ability to prevent falls of ground. Underground reef tonnes milled decreased by 40 per cent from 455,000 tonnes in the December quarter to 274,000 tonnes in the March quarter. Total tonnes milled decreased by 22 per cent from 565,000 tonnes to 443,000 tonnes due to a decrease in underground material milled. Total tonnes milled in the March quarter included 34,000 tonnes of underground development waste mined and 135,000 tonnes of surface tailings material. This compared with 35,000 tonnes of underground development waste mined and 75,000 tonnes of surface tailings material in the December quarter. Underground reef yield decreased by 6 per cent from 5.51 grams per tonne to 5.16 grams per tonne.

Net operating costs decreased by 7 per cent from R1,012 million (US\$73 million) to R939 million (US\$71 million) mainly due to lower production. A gold-in-process credit of R55 million (US\$4 million) in the March quarter compared with R11 million (US\$1 million) in the December quarter.

Capital expenditure decreased by 24 per cent from R228 million (US\$17 million) in the December quarter to R174 million (US\$13 million) in the March quarter.

Sustaining capital expenditure decreased by 25 per cent from R200 million (US\$15 million) in the quarter to R151 million (US\$11 million) in the March quarter. Non-sustaining capital expenditure decreased by 18 per cent from R28 million (US\$2 million) to R23 million (US\$2 million). The lower sustaining and non-sustaining capital expenditure were mainly due to a slow start after the December break.

All-in sustaining costs increased by 56 per cent from R488,534 per kilogram (US\$1,097 per ounce) in the December quarter to

R761,867 per kilogram (US\$1,784 per ounce) in the March quarter mainly due to decreased gold sold, partially offset by lower net operating costs and lower sustaining capital expenditure.

Total all-in cost increased by 56 per cent from R499,954 per kilogram (US\$1,122 per ounce) in the December quarter to R777,497 per kilogram (US\$1,821 per ounce) in the March quarter due to the same reasons as for all-in-sustaining costs, partially offset by lower non-sustaining capital expenditure.

6 Gold Fields Operating update March 2017 Quarter West Africa region **GHANA** Tarkwa March 2017 Dec 2016 Gold produced 000'oz 138.7 145.9 Yield g/t 1.24 1.36 AISC and AIC US\$/oz 1,010 906

Gold production decreased by 5 per cent from 145,900 ounces in the December quarter to 138,700 ounces in the March quarter due to lower yield.

Total tonnes mined, including capital stripping, increased by 8 per cent from 24.5 million tonnes in the December quarter to 26.4 million tonnes in the March quarter. Ore tonnes mined decreased by 10 per cent from 4.2 million tonnes to 3.8 million tonnes due to more focus on waste stripping to expose ore to be mined in future quarters. Operational waste tonnes mined increased by 22 per cent from 7.9 million tonnes to 9.6 million tonnes while capital waste tonnes mined increased by 5 per cent from 12.4 million tonnes to 13.0 million tonnes. Grade mined decreased marginally from 1.35 grams per tonne to 1.34 grams per tonne. The strip ratio increased from 5.3 to 6.0.

The CIL plant throughput increased by 6 per cent from 3.3 million tonnes in the December quarter to 3.5 million tonnes in the March quarter due to higher plant utilisation and improved milling rate. Realised yield decreased by 9 per cent from 1.36 grams per tonne to 1.24 grams per tonne due to lower grades mined and an increase in gold-in-process.

Net operating costs, including gold-in-process movements, decreased by 5 per cent from US\$82 million to US\$78 million mainly due to a decrease in power costs and fuel price. The lower power costs were as a result of partially moving off the transmission grid to Genser (an independent power producer).

Capital expenditure increased by 22 per cent from US\$41 million to US\$50 million due to mining fleet replacements and component replacements in the March quarter.

All-in sustaining costs and total all-in cost increased by 11 per cent from US\$906 per ounce in the December quarter to US\$1,010 per ounce in the March quarter due to higher capital expenditure and lower gold sold, partially offset by lower net operating cost.

Damang March 2017 Dec 2016 Gold produced 000'oz 35.8 36.9 Yield g/t 0.95 1.02 AISC US\$/oz 1,142 1,317 AIC US\$/oz 1,709 1,317

Gold production decreased by 3 per cent from 36,900 ounces in the December quarter to 35,800 ounces in the March quarter mainly due to lower head grade processed.

Total tonnes mined, including capital stripping, increased by 129 per cent from 4.2 million tonnes in the December quarter to 9.6 million tonnes in the March quarter due to accelerated waste mining from Amoanda and Damang Pit Cutback (DPCB) with the commencement of the Damang Re-investment Project. Ore tonnes mined decreased by 9 per cent from 0.82 million tonnes in the December quarter to 0.74 million tonnes in the March quarter. Total waste tonnes mined increased by 162 per cent from 3.4 million tonnes to 8.9 million tonnes. Capital waste tonnes (included in total waste tonnes) increased by 689 per cent from 0.9 million tonnes to 7.1 million tonnes to 1.8 million tonnes. Head grade mined decreased by 7 per cent from 1.22 grams per tonne to 1.13 grams per tonne. The higher grade in the December quarter was due to around 0.17 million tonnes at 1.41 grams per tonne

mined from Juno 3 and 0.16 million tonnes at 1.20 grams per tonne from Abosso tails. This compared with no Juno 3 material and 0.37 million tonnes of Abosso tails material at 1.05 grams per tonne in the March quarter. The strip ratio increased from 4.2 to 11.8.

Abosso tailings is a decommissioned tailings storage facility at Damang. The tailings dam has been drilled, assayed, modelled and optimised. The economic portion of the tailings dam is being mined to supplement plant feed from the pits and other surface stockpiles.

At the end of the March quarter the remaining ore tonnes at Abosso tailings amounted to 0.34 million tonnes at 0.89 grams per tonne and the balance on the main stockpile amounted to 0.69 million tonnes at 0.67 grams per tonne.

Tonnes processed increased by 4 per cent from 1.13 million tonnes in the December quarter to 1.17 million tonnes in the March quarter. Yield decreased by 7 per cent from 1.02 grams per tonne to 0.95 grams per tonne due to lower grade feed. The lower grade feed was largely driven by treating lower grade material from the stockpiles. In addition, the ex-pit grade feed was lower than in the December quarter. In the March quarter tonnes milled were sourced as follows: 0.32 million tonnes at 1.27 grams per tonne from the pits, 0.23 million tonnes at 1.08 grams per tonne from Abosso tailings and 0.62 million tonnes at 0.69 grams per tonne from stockpiles. Net operating costs, including gold-in-process movements,

decreased by 17 per cent from US\$35 million to US\$29 million. This was mainly due to a decrease in operating tonnes mined, a decrease in power costs as a result of totally moving off the transmission grid to Genser and a US\$2 million gold-in-process credit to cost in the March quarter compared with a US\$1 million charge to cost in the December quarter. Sustaining capital expenditure decreased by 173 per cent from US\$11 million to US\$9 million. Non-sustaining capital expenditure increased from US\$nil to US\$20 million mainly due to 7.1 million tonnes of capital waste stripped in the March quarter compared with 0.9 million tonnes stripped in the December quarter. All-in sustaining costs decreased by 13 per cent from US\$1,317 per ounce in the December quarter to US\$1,142 per ounce in the March quarter mainly due to lower net operating cost and lower sustaining capital expenditure, partially offset by lower gold sold. All-in costs increased by 30 per cent from US\$1,317 per ounce in the December quarter to US\$1,709 per ounce in the March quarter due to the same reasons as for all-in-sustaining costs as well as

non-sustaining (growth) capital expenditure of US\$20 million. There was no growth capital in the December quarter. 7 Gold Fields Operating update March 2017 Quarter South America region

PERU

Cerro Corona March 2017 Dec 2016 Gold produced 000'oz 33.8 44.6 Copper produced tonnes 7,267 8,681 Total equivalent gold produced 000'eq oz 68.7 81.5 Total equivalent gold sold 000'eq oz 66.1 85.8 Yield - gold g/t 0.64 0.83 - copper per cent 0.44 0.52 - combined eq g/t 1.25 1.46 AISC and AIC US\$/oz 118 303 AISC and AIC US\$/eq oz 626 676 Gold price* US\$/oz 1,211

1,235 Copper price* US\$/t **5,803** 5,227 * Average daily

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

Gold production decreased by 24 per cent from 44,600 ounces in the December quarter to 33,800 ounces in the March quarter. Copper production decreased by 16 per cent from 8,681 tonnes to 7.267 tonnes. Equivalent gold production decreased by 16 per cent from 81,500 ounces to 68,700 ounces. The decrease in gold and copper production was mainly due to lower gold and copper head grades mined in line with the mining sequence. Gold head grade decreased by 26 per cent from 1.21 grams per tonne to 0.90 grams per tonne and copper head grade decreased by 17 per cent from 0.60 per cent to 0.50 per cent. Gold and copper head grades for the year are expected to be around 1.04 grams per tonne to 1.06 grams per tonne and 0.47 per cent to 0.49 per cent, respectively. Gold recoveries increased from 68.7 per cent to 71.0 per cent mainly due to lower presence of fine porous pyrite in ore treated during the March quarter. Copper recoveries increased from 86.5 per cent to 87.9 per cent. Gold yield decreased by 23 per cent from 0.83 grams per tonne to 0.64 grams per tonne and copper yield decreased by 15 per cent from 0.52 per cent to 0.44 per cent.

In the March quarter, concentrate with a payable content of 33,900 ounces of gold was sold at an average price of US\$1,221 per ounce and 6,691 tonnes of copper was sold at an average price of US\$5,254 per tonne, net of treatment and refining charges. This compared with 46,000 ounces of gold that was sold at an average price of US\$1,208 per ounce and 8,549 tonnes of copper that was sold at an average price of US\$4,626 per tonne, net of treatment and refining charges, in the December quarter.

Total tonnes mined decreased by 4 per cent from 3.29 million tonnes in the December quarter to 3.16 million tonnes in the March quarter mainly due to lower waste mined in line with the mining sequence. Ore mined increased by 1 per cent from 1.73 million tonnes to 1.74 million tonnes. Operational waste tonnes mined decreased by 9 per cent from 1.56 million tonnes to 1.42 million tonnes also in line with the mining sequence.

Ore processed decreased by 2 per cent from 1.74 million tonnes in the December quarter to 1.71 million tonnes in the March quarter mainly due to lower throughput (815 tonnes per hour in the March quarter versus 833 tonnes per hour in the December quarter) as a result of the rainy season and lower plant availability due to maintenance activities (95 per cent availability in the March quarter

versus 97 per cent availability in the December quarter).

Net operating costs, including gold-in-process movements, decreased by 20 per cent from US\$40 million to US\$32 million mainly due to restructuring and a US\$3 million gold-in-process credit to cost in the March quarter compared with US\$1 million in the December quarter.

Capital expenditure decreased by 69 per cent from US\$16 million to US\$5 million due to lower construction activities at the tailings dam and waste storage facilities due to the rainy season.

All-in sustaining costs and total all-in cost per gold ounce decreased by 61 per cent from US\$303 per ounce in the December quarter to US\$118 per ounce in the March quarter mainly due to lower net operating costs and lower capital expenditure, partially offset by lower gold sold and lower copper by-product credits. Allin sustaining costs and total all-in costs per equivalent ounce decreased by 7 per cent from US\$676 per equivalent ounce to US\$626 per equivalent ounce due to the same reasons as above. **Australia region**

St Ives March 2017 Dec 2016 Gold produced 000'oz 81.6 95.6 Yield - underground g/t 4.76 4.56 surface g/t 2.19 2.47 combined g/t 2.55 2.72 AISC and AIC A\$/oz

1,280 1,213 US\$/oz **966** 914

Gold production decreased by 15 per cent from 95,600 ounces in the December quarter to 81,600 ounces in the March quarter.

At the underground operations, ore tonnes mined were similar at 142,000 tonnes. Head grade increased by 5 per cent from 4.65 grams per tonne to 4.87 grams per tonne due to scheduling.

At the open pit operations, ore tonnes mined decreased by 6 per cent from 831,000 tonnes in the December quarter to 785,000 tonnes in the March quarter with ore mined from Stage 3 and 5 of the Invincible pit and Stage 2 of Neptune pit. Eighteen days of production were lost due to inclement weather and resultant wet conditions in the Neptune pit. This largely accounted for the reduction in ore tonnes mined. Grade mined decreased by 4 per cent from 2.74 grams per tonne to 2.63 grams per tonne due to lower tonnages from the Invincible pit and higher tonnages from the lower grade Neptune pit.

Operational waste tonnes mined decreased by 60 per cent from 5.2 million tonnes in the December quarter to 2.1 million tonnes in the March quarter and capital waste tonnes mined increased by 50 per cent from 4.2 million tonnes to 6.3 million tonnes reflecting a change from the removal of primarily operating waste to the stripping of Stage 6 of the Invincible pit. Total material movements at the open pits decreased by 10 per cent from 10.2 million tonnes to 9.2 million tonnes due to inclement weather. The strip ratio decreased from 11.3 to 10.7.

Throughput at the Lefroy mill decreased by 9 per cent from 1,094,000 tonnes in the December quarter to 995,000 tonnes in the March quarter due to a scheduled maintenance shutdown and the impact of increased volumes of softer Neptune ore which is processed at a slower rate than the harder ore . Yield decreased by 6 per cent from 2.72 grams per tonne to 2.55 grams per tonne

due to lower grade ore mined in the open pits.

Net operating costs, including gold-in-process movements, decreased by 13 per cent from A\$75 million (US\$56 million) to A\$65 million (US\$49 million) due to decreased operational waste mining in the open pits

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8 Gold Fields Operating update March 2017 Quarter Capital expenditure decreased by 5 per cent from A\$37 million (US\$28 million) to A\$35 million (US\$26 million) due to decreased expenditure on mine infrastructure, partially offset by increased prestripping cost at Invincible and Neptune pits. All-in sustaining costs and total all-in cost increased by 6 per cent from A\$1,213 per ounce (US\$914 per ounce) in the December quarter to A\$1,280 per ounce (US\$966 per ounce) in the March quarter due to decreased gold sold, partially offset by lower net operating costs and capital expenditure. Agnew/Lawlers March 2017 Dec 2016 Gold produced 000'oz 58.3 62.2 Yield g/t 5.89 6.49 AISC and AIC A\$/oz 1,268 1,081 US\$/oz 957 815

Gold production decreased by 6 per cent from 62,200 ounces in the December quarter to 58,300 ounces in the March quarter due to lower grade ore milled.

Ore mined from underground decreased by 14 per cent from 352,000 tonnes in the December quarter to 301,000 tonnes in the March quarter mainly due to the completion of the Genesis 500 stoping area during the December quarter . Head grade mined increased by 2 per cent from 6.20 grams per tonne to 6.31 grams per tonnes.

Tonnes processed increased by 3 per cent from 298,000 tonnes in the December quarter to 308,000 tonnes in the March quarter with

some ore stockpiled in the December quarter processed during the March quarter . The combined yield decreased by 9 per cent from 6.49 grams per tonne to 5.89 grams per tonne due to the preferential treatment of high grade ore in the December quarter and drawdown of low grade ore stockpiles in the March quarter. Net operating costs, including gold-in-process movements, increased by 8 per cent from A\$48 million (US\$36 million) in the December quarter to A\$52 million (US\$39 million) in the March quarter mainly due to a A\$1 million (US\$1 million) gold-in-circuit charge to cost in the March quarter compared with a A\$6 million (US\$4 million) credit to cost in the December quarter, partially offset by a reduction in mining costs. Capital expenditure increased by 6 per cent from A\$18 million (US\$13 million) to A\$19 million (US\$14 million) mainly due to costs

incurred on the establishment of an in-pit tailings facility at the Songvang pit.

All-in sustaining costs and total all-in cost increased by 17 per cent from A\$1,081 per ounce (US\$815 per ounce) in the December quarter to A\$1,268 per ounce (US\$957 per ounce) in the March quarter

due to decreased gold sold, higher capital expenditure and higher net operating costs.

Granny Smith March 2017 Dec 2016 Gold produced 000'oz 71.9 67.4 Yield g/t 4.85 6.37 AISC and AIC A\$/oz 1,153 1,175 US\$/oz 871 885

Gold production increased by 7 per cent from 67,400 ounces in

the December quarter to 71,900 ounces in the March quarter mainly due to increased tonnes processed.

Ore mined from underground increased by 11 per cent from 374,000 tonnes in the December quarter to 415,000 tonnes due to

increased stope availability in the March quarter

. Head grade

mined decreased by 28 per cent from 6.84 grams per tonne in the December quarter to 4.94 grams per tonne in the March quarter with the majority of ore mined from low grade stopes in Zones 90 and 100, in line with the mine schedule, as opposed to mining the higher grade areas in Zone 90 in the December quarter. Grade mined for the year is expected to be between 5.50 grams per tonne and 5.65 grams per tonne.

Tonnes processed increased by 40 per cent from 329,000 tonnes in the December quarter to 461,000 tonnes in the March quarter due to increased ore mined from underground, supplemented with stockpiled ore from the December quarter

. The yield decreased by

24 per cent from 6.37 grams per tonne to 4.85 grams per tonne reflecting the lower grades mined and lower grades from stockpiles.

Net operating costs, including gold-in-process movements, increased by 33 per cent from A\$42 million (US\$32 million) in the December quarter to A\$56 million (US\$42 million) in the March quarter

mainly due to increased ore tonnes mined and processed. In

addition, a A\$5 million (US\$4 million) gold-in-process charge to cost in the March quarter compared with a A\$7 million (US\$5 million) credit to cost in the December quarter.

Capital expenditure decreased by 36 per cent from A\$36 million (US\$27 million) in the December quarter to A\$23 million (US\$18 million) in the March quarter

mainly due to higher expenditure related to the purchase of fleet and underground infrastructure in the December quarter.

All-in sustaining costs and total all-in cost decreased by 2 per cent from A\$1,175 per ounce (US\$885 per ounce) in the December quarter to A\$1,153 per ounce (US\$871 per ounce) in the March quarter

due to the higher gold sold and lower capital expenditure, partially offset by higher net operating costs.

9 Gold Fields Operating update **March 2017 Quarter** DISCONTINUED OPERATION Australia region

Darlot March 2017 Dec 2016 Gold produced 000'oz 13.7 14.0Yield g/t 3.55 3.87 AISC and AIC A\$/oz 1,899 1,921 US\$/oz 1,434 1,443

Gold production decreased by 2 per cent from 14,000 ounces in the December quarter to 13,700 ounces in the March quarter due to lower grade of ore mined.

Ore mined from underground increased by 11 per cent from 106,500 tonnes in the December quarter to 118,400 tonnes in the March quarter due to increased ore from the Metske stopes. The Metske stopes are historical bulk low grade ore sources in the upper part of the mine. Head grade mined was similar at 3.95 grams per tonne.

Tonnes processed increased by 6 per cent from 113,000 tonnes in the December quarter 120,000 tonnes in the March quarter due to increased ore mined . The yield decreased by 8 per cent from 3.87

grams per tonne to 3.55 grams per tonne due to the processing of lower grade ore stockpiles in the March quarter.

Net operating costs, including gold-in-process movements, increased by 5 per cent from A\$19 million (US\$15 million) to A\$20 million (US\$15 million) mainly due to increased ore production in the March quarter.

Capital expenditure decreased by 25 per cent from A\$8 million (US\$6 million) to A\$6 million (US\$4 million) mainly due to a reduction in exploration costs and lower development and infrastructure associated with the Oval ore body. Production delivery from the new Oval ore body started late in 2016 and will provide the primary ore feed in 2017 from a number of recently established levels. Final decline development is expected to be completed during the June quarter after which capital expenditure is anticipated to reduce even further.

All-in sustaining costs and total all-in cost decreased by 1 per cent from A\$1,921 per ounce (US\$1,443 per ounce) in the December quarter to A\$1,899 per ounce (US\$1,434 per ounce) in the March quarter due to lower capital expenditure, partially offset by lower gold sold and higher net operating costs.

10 Gold Fields Operating update March 2017 Quarter Underground and surface UNITED STATES DOLLARS Total Mine Operations Total Mine Continuing Operations South Africa Region West Africa Region South America Region Australia Region Ghana Peru Continuing Discontinued Imperial ounces with metric tonnes and grade South Deep Total Tarkwa Damang Cerro Corona Total St Ives # Agnew/ Lawlers Granny Smith Darlot **ORE MILLED/TREATED** (000 TONNES) - underground ore March 2017 1,304 1,184 274 _

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910
141
308
461
120
December 2016
1,323
1,210
455
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755
128
298
329
113
March 2016
1,271
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332
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845
183
284
378
94
– underground waste
March 2017
34
34
34
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- December 2016
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35

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March 2016
23
23
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– surface ore
March 2017
7,327
7,327
135
4,632
3,459
1,172
1,706
854
854
0.74
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December 2016
7,248
7,248
75
4,465
3,336
1,129 1,742
966
966
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- March 2016
March 2016

7,295

7,289 188 4,536 3,497 1,039 1,751 814
814
-
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– total milled
March 2017
8,665
8,545
443
4,632
3,459
1,172
1,706
1,764
995
308 461
120
December 2016
8,606
8,493
565
4,465
3,336
1,129
1,742
1,721
1,094 298
329
113
March 2016
8,589
8,489
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4,536
3,497 1,039
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1,659
997
284
378
100

YIELD (GRAMS PER TONNE) - underground ore March 2017 4.9 5.0 5.2 ----5.2 4.8 5.9 4.9 3.6 December 2016 5.6 5.7 5.5 ----6.1 4.6 6.5 6.4 3.9 March 2016 5.4 5.4 5.9 -_ --5.3 4.3 5.7 5.6 6.0 - underground waste March 2017

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- surface ore

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- December 2016
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3.3			
- combined			
March 2017			
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1.8			
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1.2			
1.2			
1.0			
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3.7			
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2.0			
5.9			
4.9			
3.6			
	16		
December 20	10		
2.1			
2.1			
4.4			
1.3			
1.4			
1.0			
1.0			
1.5			
4.1			
2.7			
6.5			
6.4			
3.9			
March 2016			
1.9			
1.7			
1.9			

3.6 1.2 1.2 1.2 1.1 3.9 2.7 5.7 5.6 5.8 **GOLD PRODUCED** (000 OUNCES) - underground ore March 2017 210.7 197.0 45.3 ----151.7 21.6 58.3 71.9 13.7 December 2016 243.1 229.1 80.8 ---148.4 18.8 62.2 67.4 14.0 March 2016 226.1 208.0 63.1 ---144.8 25.2 52.1 67.5

18.1– underground waste

March 2017

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- surface ore

- March 2017
- 303.7
- 303.7
- 0.5 174.5
- 138.7
- 35.8
- 68.7
- 60.0

60.0		
-		
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December 2016 341.3 341.3 0.1 182.8 145.9 36.9 81.5 76.9 76.9 -		
-		
March 2016 307.0 306.4 0.5 181.1 139.5 41.7 62.9 61.8 (1.0)		
61.8 -		
- 0.6 - total March 2017 514.4 500.7 45.8 174.5		
138.7 35.8 68.7 211.7 81.6 58.3		
71.9 13.7 December 2016 584.4 570.4 80.9 182.8 145.9		
36.9		

81.5 225.2 95.6 62.2 67.4 14.0 March 2016 533.1 514.4 63.6 181.1 139.5 41.7 62.9 206.7 87.0 52.1 67.5 18.7 OPERATING COSTS
(DOLLAR PER TONNE)
– underground
March 2017
137
138
242
-
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-
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98
88
125
83
126
December 2016
139
141
149
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129 158 135 111 120 March 2016 120 116

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165		
105		
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93		
91		
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86		
159		
– surface		
March 2017		
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21		
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- December 2016		
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31		
23		
37		
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18 37		
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March 2017
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169
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25
26
21
70
47
125
83
126
December 2016
45
44
130
28
27
31
23
77
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135
111
120
March 2016
40
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108
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119
86
155
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St Ives rinsed nil ounces from inventory at the heap leach operations in the March quarter compared with 300 ounces and 400 ounces in the December 2016 quarter and March 2016, respectively,

11 Gold Fields Operating update March 2017 Quarter Administration and corporate information **Corporate Secretary** Lucy Mokoka Tel: +27 11 562 9719 Fax: +27 11 562 9829 e-mail: lucy.mokoka@goldfields.com **Registered** office **JOHANNESBURG** Gold Fields Limited 150 Helen Road Sandown Sandton 2196 Postnet Suite 252 Private Bag X30500 Houghton 2041 Tel: +27 11 562 9700 Fax: +27 11 562 9829 Office of the United Kingdom secretaries LONDON St James's Corporate Services Limited Suite 31, Second Floor 107 Cheapside London EC2V 6DN United Kingdom Tel: +44 20 7796 8644 Fax: +44 20 7796 8645 e-mail: general@corpserv.co.uk American depository receipts transfer agent Shareholder Correspondence should be mailed to: **BNY Mellon Shareowner Services** P.O. Box 30170 College Station, TX 77842-3170 **Overnight Correspondence should be sent to: BNY Mellon Shareowner Services** 211 Quality Circle, Suite 210 College Station, TX 77845 e-mail: shrrelations@cpushareownerservices.com Phone Numbers Tel: 888 269 2377 Domestic Tel: 201 680 6825 Foreign **Sponsor** J.P. Morgan Equities South Africa (Pty) Ltd **Gold Fields Limited**

Incorporated in the Republic of South Africa Registration number 1968/004880/06 Share code: GFI Issuer code: GOGOF ISIN - ZAE 000018123 **Investor enquiries Avishkar Nagaser** Tel: +27 11 562 9775 Mobile: +27 82 312 8692 e-mail: avishkar.nagaser@goldfields.com **Thomas Mengel** Tel: +27 11 562 9849 Mobile: +27 72 493 5170 e-mail: thomas.mengel@goldfields.com **Media enquiries Sven Lunsche** Tel: +27 11 562 9763 Mobile: +27 83 260 9279 e-mail: sven.lunsche@goldfields.com **Transfer secretaries** SOUTH AFRICA Computershare Investor Services (Proprietary) Limited **Rosebank Towers** 15 Biermann Avenue Rosebank Johannesburg 2196 P O Box 61051 Marshalltown 2107 Tel: +27 11 370 5000 Fax: +27 11 688 5248 **UNITED KINGDOM Capita Asset Services** The Registry 34 Beckenham Road Beckenham Kent BR3 4TU England Tel: 0871 664 0300 Calls cost 12p per minute plus your phone company's access charge. If you are outside the United Kingdom, please call +44 371 664 0300. Calls outside the United Kingdom will be charged at the applicable international rate. The helpline is open between 9:00am – 5:30pm. Monday to Friday excluding public holidays in England and Wales.

Website

WWW.GOLDFIELDS.COM

e-mail:ssd@capita.co.uk

Listings JSE / NYSE / GFI SWX: GOLI CA Carolus° (Chair) RP Menell° (Deputy Chair) NJ Holland*• (Chief Executive Officer) PA Schmidt • (Chief Financial Officer) A Andani # ° PJ Bacchus° TP Goodlace° DMJ Ncube° SP Reid^° YGH Suleman° GM Wilson° ^ 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: 26 April 2017 By: /s/ Nicholas J. Holland Name: Nicholas J. Holland Title: Chief Executive Officer