

ANGLOGOLD ASHANTI LTD

Form 6-K

March 15, 2006

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

**REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13a-16 or 15d-16 OF
THE SECURITIES EXCHANGE ACT OF 1934**

Report on Form 6-K dated

MARCH 15, 2006

AngloGold Ashanti Limited

(Name of Registrant)

11 Diagonal Street

Johannesburg, 2001

(P O Box 62117)

Marshalltown, 2107

South Africa

(Address of Principal Executive Offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of 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):

Yes:

No:

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):

Yes:

No:

Indicate by check mark whether the registrant by furnishing the information contained in this form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes:

No:

Enclosures: ANGLOGOLD ASHANTI SUPPLEMENTARY INFORMATION: MINERAL RESOURCES AND ORE RESERVES

05

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and Ore Reserves

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(as at 31 December 2005)	

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MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

Ore Reserves by country (attributable)

Metric

Imperial

*

Contained

Contained

Tonnes

Grade

gold

Tons

Grade

gold

Category

million

g/t

tonnes

million

oz/t

Moz

South Africa

Proved

14.5

7.54

109.0

15.9

0.220

3.5

Probable

188.7

3.84

725.0

208.0

0.112

23.3

Total

203.2

4.10

834.0

224.0

0.120

26.8

Argentina

Proved

1.6

7.99

12.6

1.7

0.233

0.4

Probable
4.5
6.53
29.2
4.9
0.190
0.9
Total
6.0
6.91
41.8
6.7
0.202
1.3
Australia
Proved
47.7
1.16
55.2
52.6
0.034
1.8
Probable
102.5
1.17
120.2
113.0
0.034
3.9
Total
150.2
1.17
175.3
165.6
0.034
5.6
Brazil
Proved
2.7
6.01
16.2
3.0
0.175
0.5
Probable
9.8
7.45
73.2
10.8
0.217
2.4

Total

12.5

7.14

89.4

13.8

0.208

2.9

Ghana

Proved

39.5

1.94

76.7

43.5

0.057

2.5

Probable

46.7

5.44

254.0

51.4

0.159

8.2

Total

86.1

3.84

330.7

95.0

0.112

10.6

Guinea

Proved

23.6

0.62

14.5

26.0

0.018

0.5

Probable

36.7

1.00

36.6

40.5

0.029

1.2

Total

60.3

0.85

51.1

66.5

0.025

1.6

Mali

Proved

9.7

2.75

26.5

10.6

0.080

0.9

Probable

9.3

3.95

36.5

10.2

0.115

1.2

Total

18.9

3.34

63.1

20.8

0.097

2.0

Namibia

Proved

1.2

1.85

2.2

1.3

0.054

0.1

Probable

8.9

1.65

14.7

9.8

0.048

0.5

Total

10.1

1.67

16.9

11.1

0.049

0.5

Tanzania

Proved

22.1

3.40

75.1

24.3

0.099

2.4
Probable
40.4
4.69
189.2
44.5
0.137
6.1
Total
62.4
4.23
264.3
68.8
0.123
8.5
USA
Proved
87.4
0.86
75.4
96.3
0.025
2.4
Probable
31.8
0.86
27.4
35.0
0.025
0.9
Total
119.1
0.86
102.7
131.3
0.025
3.3
Total AngloGold Ashanti
Proved
249.8
1.86
463.4
275.3
0.054
14.9
Probable
479.2
3.14
1,506.0
528.2
0.092

48.4
Total
729.0
2.70
1,969.4
803.6
0.079
63.3

NB: Rounding of figures in this document may result in minor computational discrepancies.

* Tons refers to a short ton, which is equivalent to 2,000 lbs avoirdupois.

3

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

Mineral Resources

(1)

by country (attributable)

Metric

Imperial

*

Contained

Contained

Tonnes

Grade

gold

Tons

Grade

gold

Category

million

g/t

tonnes

million

oz/t

Moz

South Africa

(2)

Measured

31.4

13.66

429.4

34.6

0.398

13.8

Indicated

435.3

4.76

2,073.9

479.8

0.139

66.7

Inferred

29.7

6.68

198.3

32.7

0.195

6.4

Total

496.4

5.44

2,701.6

547.2

0.159
86.9
Argentina
Measured
10.8
2.35
25.2
11.9
0.068
0.8
Indicated
15.3
3.54
54.2
16.9
0.103
1.7
Inferred
6.5
3.49
22.7
7.2
0.102
0.7
Total
32.6
3.14
102.2
35.9
0.091
3.3
Australia
Measured
62.4
1.15
71.9
68.8
0.034
2.3
Indicated
164.5
1.04
171.5
181.3
0.030
5.5
Inferred
143.0
1.01
144.7
157.7

0.029

4.7

Total

369.9

1.05

388.1

407.8

0.031

12.5

Brazil

Measured

8.2

6.60

54.0

9.0

0.192

1.7

Indicated

16.2

7.71

125.0

17.9

0.225

4.0

Inferred

28.5

7.04

200.7

31.4

0.205

6.5

Total

52.9

7.18

379.8

58.3

0.209

12.2

Ghana

(3)

Measured

101.2

3.33

336.6

111.6

0.097

10.8

Indicated

64.9

4.83

313.7

71.6
0.141
10.1
Inferred
41.9
5.82
244.0
46.2
0.170
7.8
Total
208.0
4.30
894.4
229.3
0.125
28.8
Guinea
Measured
23.6
0.62
14.7
26.0
0.018
0.5
Indicated
58.7
1.03
60.3
64.7
0.030
1.9
Inferred
90.4
0.63
57.2
99.7
0.018
1.8
Total
172.7
0.77
132.3
190.4
0.022
4.3
Mali
Measured
17.3
2.02
35.1

19.1
0.059
1.1
Indicated
32.5
2.58
83.7
35.8
0.075
2.7
Inferred
36.0
1.93
69.6
39.7
0.056
2.2
Total
85.8
2.19
188.3
94.6
0.064
6.1
Namibia
Measured
10.3
0.88
9.1
11.4
0.026
0.3
Indicated
27.9
1.42
39.5
30.8
0.041
1.3
Inferred
6.0
1.20
7.1
6.6
0.035
0.2
Total
44.2
1.26
55.8
48.7

0.037

1.8

Tanzania

Measured

25.8

3.40

87.7

28.4

0.099

2.8

Indicated

63.0

4.56

287.1

69.4

0.133

9.2

Inferred

7.5

5.23

39.1

8.2

0.152

1.3

Total

96.2

4.30

413.9

106.1

0.125

13.3

USA

Measured

146.0

0.95

138.2

161.0

0.028

4.4

Indicated

72.9

0.91

66.1

80.4

0.026

2.1

Inferred

8.2

0.73

6.0

9.1

0.021
 0.2
 Total
 227.2
 0.93
 210.3
 250.5
 0.027
 6.8
 Total AngloGold Ashanti
 Measured
 437.1
 2.75
 1,202.0
 481.8
 0.080
 38.6
 Indicated
 951.1
 3.44
 3,275.1
 1,048.4
 0.100
 105.3
 Inferred
 397.8
 2.49
 989.5
 438.5
 0.073
 31.8
 Total
 1,786.0
 3.06
 5,466.6
 1,968.7
 0.089
 175.8

(1)
 Inclusive of the Ore Reserve component.

(2)
 It is anticipated that 8.7Moz of the South African Region's published Mineral Resources will be taken up in stabilising pillars.

(3)
 The Obuasi 2005 Ore Reserve is a major component of the Ghana total and is based on a Mineral Resource Model estimated in early 2005, using the techniques against which the conversion factors between Mineral Resource and Ore Reserve have historically been determined. The Obuasi 2005 Mineral Resource was estimated during the fourth quarter of 2005, using improved techniques. Consequently, the Modifying Factors between this in situ Mineral Resource and the ore delivered to the mill have as yet not been quantified and are being determined by ongoing reconciliation.

* Tons refers to a short ton, which is equivalent to 2,000 lbs avoirdupois.

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

4

Ore Reserves by operation (attributable)

Metric

Imperial

Contained

Contained

Tonnes

Grade

gold

Tons

Grade

gold

Category

million

g/t

tonnes

million

oz/t

Moz

South Africa

Great Noligwa

Proved

6.0

8.65

52.2

6.6

0.252

1.7

Probable

11.1

8.23

91.2

12.2

0.240

2.9

Total

17.1

8.38

143.4

18.9

0.244

4.6

Kopanang

Proved

1.1

9.66

10.9

1.2

0.282

0.4

Probable

19.7

8.13

160.4

21.7

0.237

5.2

Total

20.9

8.22

171.4

23.0

0.240

5.5

Moab Khotsong

Proved

0.6

9.39

6.0

0.7

0.274

0.2

Probable

8.5

12.46

106.4

9.4

0.364

3.4

Total

9.2

12.25

112.5

10.1

0.357

3.6

Tau Lekoa

Proved

3.9

4.17

16.1

4.3

0.122

0.5

Probable

3.8

4.05

15.3

4.2

0.118

0.5

Total

7.6

4.11

31.4

8.4

0.120

1.0

Vaal River Surface (VRGO)

Proved

—

—

—

—

—

—

Probable

115.1

0.61

70.3

126.9

0.018

2.3

Total

115.1

0.61

70.3

126.9

0.018

2.3

Mponeng

Proved

1.9

7.01

13.1

2.1

0.204

0.4

Probable

16.4

7.79

127.6

18.1

0.227

4.1

Total

18.3

7.71

140.7

20.1

0.225
4.5
Savuka
Proved
0.0
8.27
0.2
0.0
0.241
0.0
Probable
0.0
9.02
0.3
0.0
0.263
0.0
Total
0.1
8.74
0.4
0.1
0.255
0.0
TauTona
Proved
0.9
11.66
10.5
1.0
0.340
0.3
Probable
14.1
10.92
153.5
15.5
0.318
4.9
Total
15.0
10.96
164.0
16.5
0.320
5.3

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

5

Metric

Imperial

Contained

Contained

Tonnes

Grade

gold

Tons

Grade

gold

Category

million

g/t

tonnes

million

oz/t

Moz

Argentina

Cerro Vanguardia (92.5%)

Proved

1.6

7.99

12.6

1.7

0.233

0.4

Probable

4.5

6.53

29.2

4.9

0.190

0.9

Total

6.0

6.91

41.8

6.7

0.202

1.3

Australia

Boddington (33.33%)

Proved

41.2

1.01

41.4

45.4

0.029

1.3

Probable

93.1

0.85

78.8

102.6

0.025

2.5

Total

134.3

0.90

120.2

148.0

0.026

3.9

Sunrise Dam

Proved

6.5

2.11

13.7

7.2

0.062

0.4

Probable

9.4

4.39

41.4

10.4

0.128

1.3

Total

15.9

3.46

55.1

17.6

0.101

1.8

Brazil

AGA Mineração

Proved

2.1

6.40

13.2

2.3

0.187

0.4

Probable

8.6

7.50

64.4

9.5

0.219

2.1
Total
10.7
7.28
77.6
11.8
0.212
2.5
Serra Grande (50%)
Proved
0.6
4.72
3.0
0.7
0.138
0.1
Probable
1.2
7.14
8.8
1.4
0.208
0.3
Total
1.9
6.32
11.8
2.1
0.184
0.4
Ghana
Bibiani
Proved
4.0
1.03
4.1
4.4
0.030
0.1
Probable
0.4
0.93
0.3
0.4
0.027
0.0
Total
4.3
1.02
4.4
4.8

0.030
0.1
Iduapriem (85%)
Proved
24.8
1.78
44.1
27.4
0.052
1.4
Probable
7.3
1.81
13.3
8.1
0.053
0.4
Total
32.2
1.78
57.4
35.5
0.052
1.8
Obuasi
Proved
10.7
2.67
28.5
11.8
0.078
0.9
Probable
39.0
6.17
240.4
42.9
0.180
7.7
Total
49.6
5.42
268.9
54.7
0.158
8.6

6
 Ore Reserves by operation (attributable)
 Metric
 Imperial
 Contained Contained
 Tonnes
 Grade
 gold
 Tons
 Grade
 gold
 Category
 million
 g/t
 tonnes
 million
 oz/t
 Moz
 Guinea
 Siguiri (85%)
 Proved
 23.6
 0.62
 14.5
 26.0
 0.018
 0.5
 Probable
 36.7
 1.00
 36.6
 40.5
 0.029
 1.2
 Total
 60.3
 0.85
 51.1
 66.5
 0.025
 1.6
 Mali
 Morila (40%)
 Proved
 6.4
 3.21
 20.5
 7.0
 0.094
 0.7
 Probable

2.5
3.63
9.0
2.7
0.106
0.3
Total
8.9
3.33
29.5
9.8
0.097
0.9
Sadiola (38%)
Proved
2.8
1.95
5.4
3.0
0.057
0.2
Probable
5.3
4.09
21.5
5.8
0.119
0.7
Total
8.0
3.35
26.9
8.8
0.098
0.9
Yatela (40%)
Proved
0.5
1.33
0.7
0.6
0.039
0.0
Probable
1.5
3.97
6.1
1.7
0.116
0.2
Total

2.0
3.30
6.7
2.3
0.096
0.2
Namibia
Navachab
Proved
1.2
1.85
2.2
1.3
0.054
0.1
Probable
8.9
1.65
14.7
9.8
0.048
0.5
Total
10.1
1.67
16.9
11.1
0.049
0.5
Tanzania
Geita
Proved
22.1
3.40
75.1
24.3
0.099
2.4
Probable
40.4
4.69
189.2
44.5
0.137
6.1
Total
62.4
4.23
264.3
68.8
0.123

8.5
USA
Cripple Creek and Victor
Proved
87.4
0.86
75.4
96.3
0.025
2.4
Probable
31.8
0.86
27.4
35.0
0.025
0.9
Total
119.1
0.86
102.7
131.3
0.025
3.3
Total AngloGold Ashanti
Proved
249.8
1.86
463.4
275.3
0.054
14.9
Probable
479.2
3.14
1,506.0
528.2
0.092
48.4
Total
729.0
2.70
1,969.4
803.6
0.079
63.3
MINERAL RESOURCES AND ORE RESERVES
(as at 31 December 2005)

7

Mineral Resources by operation (attributable)

Metric

Imperial

Contained

Contained

Tonnes

Grade

gold

Tons

Grade

gold

Category

million

g/t

tonnes

million

oz/t

Moz

South Africa

Great Noligwa

Measured

9.7

18.69

181.5

10.7

0.545

5.8

Indicated

8.7

17.04

148.3

9.6

0.497

4.8

Inferred

0.8

15.37

12.1

0.9

0.448

0.4

Total

19.2

17.81

341.9

21.2

0.519

11.0

Kopanang

Measured

2.1

17.76

37.3

2.3

0.518

1.2

Indicated

17.8

16.45

293.2

19.7

0.480

9.4

Inferred

1.4

15.32

22.1

1.6

0.447

0.7

Total

21.4

16.50

352.6

23.6

0.481

11.3

Moab Khotsong

Measured

0.3

16.28

5.1

0.3

0.475

0.2

Indicated

11.1

23.53

261.6

12.3

0.686

8.4

Inferred

6.3

21.78

136.5

6.9

0.635

4.4

Total

17.7

22.79

403.2

19.5

0.665

13.0

Tau Lekoa

Measured

7.0

5.72

40.4

7.8

0.167

1.3

Indicated

40.0

4.99

199.9

44.1

0.146

6.4

Inferred

—

—

—

—

—

—

Total

47.1

5.10

240.2

51.9

0.149

7.7

Vaal River Surface (VRGO)

Measured

—

—

—

—

—

—

Indicated

298.9

0.42

126.3

329.5

0.012

4.1

Inferred

12.4

0.63

7.8
13.6
0.018
0.3
Total
311.3
0.43
134.1
343.2
0.013
4.3
Mponeng
Measured
9.5
10.70
101.8
10.5
0.312
3.3
Indicated
43.1
15.19
655.2
47.5
0.443
21.1
Inferred
0.2
10.53
1.6
0.2
0.307
0.1
Total
52.8
14.37
758.5
58.2
0.419
24.4
Savuka
Measured
0.9
13.06
11.2
0.9
0.381
0.4
Indicated
2.1
12.42

25.7
2.3
0.362
0.8
Inferred
—
—
—
—
—
—
Total
2.9
12.61
36.9
3.2
0.368
1.2
TauTona
Measured
1.9
27.59
52.2
2.1
0.805
1.7
Indicated
13.2
27.56
363.6
14.5
0.804
11.7
Inferred
1.6
8.42
13.3
1.7
0.246
0.4
Total
16.7
25.74
429.1
18.4
0.751
13.8
West Wits Surface
Measured
—
—

-
-
-
-

Indicated

0.3
0.52
0.1
0.3
0.015
0.0

Inferred

7.1
0.68
4.8
7.8
0.020
0.2

Total

7.4
0.68
5.0
8.1
0.020
0.2

MINERAL RESOURCES AND ORE RESERVES
(as at 31 December 2005)

8

Mineral Resources by operation (attributable)

Metric

Imperial

Contained

Contained

Tonnes

Grade

gold

Tons

Grade

gold

Category

million

g/t

tonnes

million

oz/t

Moz

Argentina

Cerro Vanguardia (92.5%)

Measured

10.8

2.35

25.2

11.9

0.068

0.8

Indicated

15.3

3.54

54.2

16.9

0.103

1.7

Inferred

6.5

3.49

22.7

7.2

0.102

0.7

Total

32.6

3.14

102.2

35.9

0.091

3.3

Australia

Boddington (33.33%)

Measured

46.2
0.95
44.1
51.0
0.028
1.4
Indicated
149.2
0.77
115.4
164.5
0.023
3.7
Inferred
134.3
0.70
94.6
148.0
0.021
3.0
Total
329.8
0.77
254.1
363.5
0.022
8.2
Sunrise Dam
Measured
16.2
1.72
27.8
17.8
0.050
0.9
Indicated
15.2
3.69
56.1
16.8
0.108
1.8
Inferred
8.7
5.72
50.0
9.6
0.167
1.6
Total
40.1

3.34
134.0
44.2
0.097
4.3
Brazil
AGA Mineração
Measured
7.3
6.69
49.1
8.1
0.195
1.6
Indicated
14.8
7.74
114.7
16.3
0.226
3.7
Inferred
26.9
7.09
190.8
29.7
0.207
6.1
Total
49.0
7.23
354.6
54.1
0.211
11.4
Serra Grande
Measured
0.9
5.82
5.0
0.9
0.170
0.2
Indicated
1.4
7.37
10.3
1.5
0.215
0.3
Inferred

1.6
6.11
9.8
1.8
0.178
0.3
Total
3.9
6.50
25.2
4.3
0.190
0.8

MINERAL RESOURCES AND ORE RESERVES
(as at 31 December 2005)

9
Metric
Imperial
Contained
Tonnes
Grade
gold
Tons
Grade
gold
Category
million
g/t
tonnes
million
oz/t
Moz
Ghana
Bibiani
Measured
5.4
1.85
10.0
6.0
0.054
0.3
Indicated
1.6
3.78
6.0
1.7
0.110
0.2
Inferred
3.4
3.09
10.6
3.8
0.090
0.3
Total
10.4
2.55
26.6
11.5
0.074
0.9
Iduapriem (85%)
Measured
35.3
1.67

Contained

59.0
38.9
0.049
1.9
Indicated
14.5
1.74
25.2
16.0
0.051
0.8
Inferred
6.8
1.45
9.9
7.5
0.042
0.3
Total
56.6
1.66
94.1
62.4
0.048
3.0
Obuasi
Measured
60.5
4.42
267.5
66.7
0.129
8.6
Indicated
48.8
5.79
282.6
53.8
0.169
9.1
Inferred
31.7
7.05
223.5
34.9
0.206
7.2
Total
141.0
5.49
773.6

155.4
0.160
24.9
Guinea
Siguiri (85%)
Measured
23.6
0.62
14.7
26.0
0.018
0.5
Indicated
58.7
1.03
60.3
64.7
0.030
1.9
Inferred
90.4
0.63
57.2
99.7
0.018
1.8
Total
172.7
0.77
132.2
190.4
0.022
4.3
Mali
Morila (40%)
Measured
8.0
2.73
21.9
8.8
0.080
0.7
Indicated
5.6
3.00
16.8
6.2
0.087
0.5
Inferred
1.5

3.19
4.8
1.7
0.093
0.2
Total
15.1
2.87
43.5
16.7
0.084
1.4
Sadiola (38%)
Measured
7.0
1.50
10.5
7.7
0.044
0.3
Indicated
23.8
2.40
57.0
26.2
0.070
1.8
Inferred
33.8
1.86
62.8
37.2
0.054
2.0
Total
64.5
2.02
130.3
71.1
0.059
4.2
Yatela (40%)
Measured
2.3
1.16
2.7
2.6
0.034
0.1
Indicated
3.1

3.18
9.9
3.4
0.093
0.3
Inferred
0.7
2.75
1.9
0.8
0.080
0.1
Total
6.1
2.36
14.5
6.8
0.069
0.5

MINERAL RESOURCES AND ORE RESERVES
(as at 31 December 2005)

10

Mineral Resources by operation (attributable)

Metric

Imperial

Contained

Contained

Tonnes

Grade

gold

Tons

Grade

gold

Category

million

g/t

tonnes

million

oz/t

Moz

Namibia

Navachab

Measured

10.3

0.88

9.1

11.4

0.026

0.3

Indicated

27.9

1.42

39.5

30.8

0.041

1.3

Inferred

6.0

1.20

7.1

6.6

0.035

0.2

Total

44.2

1.26

55.8

48.7

0.037

1.8

Tanzania

Geita

Measured

25.8
3.40
87.7
28.4
0.099
2.8
Indicated
63.0
4.56
287.1
69.4
0.133
9.2
Inferred
7.5
5.23
39.1
8.2
0.152
1.3
Total
96.2
4.30
413.9
106.1
0.125
13.3
USA
Cripple Creek and Victor
Measured
146.0
0.95
138.2
161.0
0.028
4.4
Indicated
72.9
0.91
66.1
80.4
0.026
2.1
Inferred
8.2
0.73
6.0
9.1
0.021
0.2
Total

227.2

0.93

210.3

250.5

0.027

6.8

Total AngloGold Ashanti

Measured

437.1

2.75

1,202.0

481.8

0.080

38.6

Indicated

951.1

3.44

3,275.1

1,048.4

0.100

105.3

Inferred

397.8

2.49

989.5

438.5

0.073

31.8

Total

1,786.0

3.06

5,466.6

1,968.7

0.089

175.8

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

11

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

Ore Reserves: By-products (attributable)

Mine

Category

Tonnes million

Grade (kg/t)

Uranium (000 t)

South Africa

Uranium

Vaal River Complex

*

Proved

–

–

–

Probable

35.3

0.394

13.920

Uranium total

35.3

0.394

13.920

Mine

Category

Tonnes million

Grade (ppm)

Copper (Mt)

Australia

Copper

Boddington (33.33%)

Proved

41.2

1,172

0.05

Probable

93.1

1,244

0.12

Copper total

134.3

1,222

0.16

Mine

Category

Tonnes million

Grade (%)

Sulphur (Mt)

Brazil

Sulphur
AGA Mineração
Proved
3.3
5.464
0.02
Probable
15.5
5.641
0.09
Sulphur total
18.8
5.609
0.11
Mine
Category
Tonnes million
Grade (g/t)
Silver (Moz)
Argentina
Silver
Cerro Vanguardia (92.5%)
Proved
1.6
210.18
10.62
Probable
4.5
83.62
12.04
Silver total
6.1
116.50
22.66

* As the three Vaal River Mines feed to a combination of plants it is not possible to account for the uranium oxide by-product by mine.

12

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

Mineral Resources: By-products (attributable)

Mine

Category

Tonnes million

Grade kg/t

Uranium (000 t)

South Africa

Uranium

Great Noligwa

Measured

–

–

–

Indicated

16.9

0.95

16.039

Inferred

0.7

0.99

0.729

Total

17.6

0.95

16.768

Kopanang

Measured

2.0

0.55

1.081

Indicated

17.5

0.55

9.637

Inferred

0.6

0.56

0.339

Total

20.1

0.55

11.057

Moab Khotsong

Measured

–

–

–

Indicated

6.5
1.78
11.531
Inferred
5.5
1.32
7.279
Total
12.0
1.57
18.809
Savuka
Measured
—
—
—
Indicated
2.0
0.26
0.506
Inferred
—
—
—
Total
2.0
0.26
0.506
Tau Tona
Measured
—
—
—
Indicated
13.2
0.42
0.000
Inferred
—
—
—
Total
13.2
0.42
0.000
Uranium total
64.8
0.81
52.674
Mine
Category

Tonnes million
 Grade ppm
 Copper (Mt)
 Australia
 Copper
 Boddington (33.33%)
 Measured
 46.3
 1,138
 0.053
 Indicated
 149.3
 1,108
 0.167
 Inferred
 134.3
 959
 0.130
 Copper total
 329.8
 1,051
 0.347
 Mine
 Category
 Tonnes million
 Grade %
 Sulphur (Mt)
 Brazil
 Sulphur
 AGA Mineração
 Measured
 2.6
 6.89%
 0.18
 Indicated
 9.2
 7.35%
 0.67
 Inferred
 12.9
 7.52%
 0.97
 Sulphur total
 24.7
 7.39%
 1.83
 Mine
 Category
 Tonnes million
 Grade g/t
 Silver (Moz)

Argentina
Silver
Cerro Vanguardia (92.5%)
Measured
10.8
40.03
13.8
Indicated
15.3
60.24
29.7
Inferred
6.5
61.98
13.0
Silver total
32.6
53.92
56.5

13

Mineral Resources (exclusive of ore reserves) by operation (attributable)

Metric

Imperial

Contained

Contained

Tonnes

Grade

gold

Tons

Grade

gold

Category

million

g/t

tonnes

million

oz/t

Moz

South Africa

Great Noligwa

Measured

5.2

20.42

105.5

5.7

0.596

3.4

Indicated

0.3

52.22

15.4

0.3

1.523

0.5

Inferred

0.7

15.44

11.4

0.8

0.450

0.4

Total

6.2

21.35

132.3

6.8

0.623

4.3

Kopanang

Measured

1.4

15.98

23.0

1.6

0.466

0.7

Indicated

4.8

13.30

63.2

5.2

0.388

2.0

Inferred

1.4

15.36

21.0

1.5

0.448

0.7

Total

7.6

14.18

107.2

8.3

0.414

3.4

Moab Khotsong

Measured

—

—

—

—

—

—

Indicated

5.4

21.94

118.1

5.9

0.640

3.8

Inferred

6.3

20.80

130.3

6.9

0.607

4.2

Total

11.6

21.33

248.4

12.8

0.622

8.0

Tau Lekoa

Measured

3.9

5.47

21.4

4.3

0.160

0.7

Indicated

37.1

4.90

181.9

40.9

0.143

5.8

Inferred

—

—

—

—

—

—

Total

41.0

4.96

203.2

45.2

0.145

6.5

Vaal River Surface (VRGO)

Measured

—

—

—

—

—

—

Indicated

182.0

0.36

65.0

200.6

0.010

2.1

Inferred

12.4

0.33

4.1
13.6
0.010
0.1
Total
194.3
0.36
69.2
214.2
0.010
2.2
Mponeng
Measured
8.2
10.65
87.0
9.0
0.311
2.8
Indicated
31.7
16.13
511.8
35.0
0.470
16.5
Inferred
0.2
10.53
1.6
0.2
0.307
0.1
Total
40.1
14.99
600.4
44.2
0.437
19.3
Savuka
Measured
0.8
13.03
11.0
0.9
0.380
0.4
Indicated
6.4
3.93

25.3
7.1
0.115
0.8
Inferred
—
—
—
—
—
—
Total
7.3
4.98
36.3
8.0
0.145
1.2
Tau Tona
Measured
1.3
26.43
34.9
1.5
0.771
1.1
Indicated
5.8
26.18
150.7
6.3
0.764
4.8
Inferred
1.6
8.42
13.3
1.7
0.246
0.4
Total
8.7
22.97
198.9
9.5
0.670
6.4
West Wits Surface
Measured
—
—

—
—
—
—
Indicated
0.3
0.52
0.1
0.3
0.015
0.0
Inferred
7.1
0.68
4.8
7.8
0.020
0.2
Total
7.4
0.68
5.0
8.1
0.020
0.2
Argentina
Cerro Vanguardia (92.5%)
Measured
—
—
—
—
—
—
Indicated
2.0
10.18
20.0
2.2
0.297
0.6
Inferred
2.9
6.84
19.8
3.2
0.199
0.6
Total
4.9
8.19

39.8

5.4

0.239

1.3

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

14

Mineral Resources (exclusive of ore reserves) by operation (attributable)

Metric

Imperial

Contained

Contained

Tonnes

Grade

gold

Tons

Grade

gold

Category

million

g/t

tonnes

million

oz/t

Moz

Australia

Boddington (33.33%)

Measured

5.1

0.52

2.6

5.6

0.015

0.1

Indicated

56.2

0.65

36.6

61.9

0.019

1.2

Inferred

134.3

0.70

94.6

148.0

0.021

3.0

Total

195.5

0.68

133.9

215.5

0.020

4.3

Sunrise Dam

Measured

8.0
0.92
7.3
8.8
0.027
0.2

Indicated

5.1
2.40
12.2
5.6
0.070
0.4

Inferred

8.7
5.72
50.0
9.6
0.167
1.6

Total

21.8
3.19
69.6
24.0
0.093
2.2

Brazil

AGA Mineração

Measured

3.8
7.45
28.6
4.2
0.217
0.9

Indicated

4.6
8.95
41.0
5.0
0.261
1.3

Inferred

24.2
7.18
173.5
26.6
0.209
5.6

Total
32.6
7.46
243.0
35.9
0.218
7.8
Serra Grande (50%)
Measured
0.2
8.96
2.0
0.2
0.261
0.1
Indicated
0.2
9.03
1.5
0.2
0.263
0.0
Inferred
1.6
6.11
9.8
1.8
0.178
0.3
Total
2.0
6.67
13.4
2.2
0.195
0.4
Ghana
Iduapriem (85%)
Measured
6.9
1.48
10.1
7.6
0.043
0.3
Indicated
4.3
1.68
7.3
4.8
0.049

0.2
Inferred
6.8
1.45
9.9
7.5
0.042
0.3
Total
18.0
1.52
27.3
19.8
0.044
0.9
Guinea
Siguiiri (85%)
Measured
4.7
0.84
4.0
5.2
0.024
0.1
Indicated
19.7
1.04
20.6
21.7
0.030
0.7
Inferred
90.4
0.63
57.2
99.7
0.018
1.8
Total
114.9
0.71
81.7
126.6
0.021
2.6

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

15

Metric

Imperial

Contained

Contained

Tonnes

Grade

gold

Tons

Grade

gold

Category

million

g/t

tonnes

million

oz/t

Moz

Mali

Morila (40%)

Measured

–

–

–

–

–

–

Indicated

3.2

2.43

7.7

3.5

0.071

0.2

Inferred

1.2

3.38

3.9

1.3

0.098

0.1

Total

4.3

2.68

11.7

4.8

0.078

0.4

Sadiola (38%)

Measured

0.0
2.10
0.1
0.0
0.061
0.0
Indicated
15.6
2.18
34.0
17.2
0.064
1.1
Inferred
33.6
1.85
62.2
37.0
0.054
2.0
Total
49.2
1.96
96.3
54.2
0.057
3.1
Yatela (40%)
Measured
0.2
2.62
0.4
0.2
0.076
0.0
Indicated
0.6
2.57
1.5
0.6
0.075
0.0
Inferred
0.4
2.31
1.0
0.5
0.067
0.0
Total
1.2

2.48
2.9
1.3
0.072
0.1
Namibia
Navachab
Measured
8.3
0.64
5.3
9.2
0.019
0.2
Indicated
16.8
1.48
24.9
18.5
0.043
0.8
Inferred
3.3
1.24
4.1
3.7
0.036
0.1
Total
28.4
1.21
34.4
31.3
0.035
1.1
Tanzania
Geita
Measured
3.7
3.41
12.7
4.1
0.100
0.4
Indicated
22.6
4.33
97.9
24.9
0.126
3.1

Inferred

7.5
5.23
39.1
8.2
0.152
1.3

Total

33.8
4.43
149.6
37.3
0.129
4.8

USA

Cripple Creek and Victor

Measured

58.7
1.07
62.8
64.7
0.031
2.0

Indicated

41.2
0.94
38.7
45.4
0.027
1.2

Inferred

8.2
0.73
6.0
9.1
0.021
0.2

Total

108.1
0.99
107.5
119.1
0.029
3.5

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

16

Grade tonnage curves of the Mineral Resource

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

17

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

18

Grade tonnage curves of the Mineral Resource

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

19

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

20

Grade tonnage curves of the Mineral Resource

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

21

22

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

Year-on-year Mineral Resource and Ore Reserve comparison by operation (attributable)

Au Content (Million Ounces)

Percentage

Model

Scope

Net

Operation

Attributable

Category

2004

Depletion

(1)

Change

(2)

Change

(3)

2005

Difference

%

South Africa

Great

Noligwa

100%

Resource

14.8 -1.1 0.0 -2.8 11.0 -3.9

-26%

Reserve

5.5 -0.7 0.1 -0.3 4.6 -0.9

-17%

Kopanang

100%

Resource

13.5 -0.7 -1.2 -0.3 11.3 -2.2

-16%

Reserve

6.0 -0.5 0.0 0.0 5.5 -0.5 -8%

Moab

Khotsong

100%

Resource

17.2 0.0 0.2 -4.5

13.0 -4.3

-25%

Reserve

9.0 0.0 0.4 -5.8 3.6 -5.4

-60%

Tau

Lekoa

Edgar Filing: ANGLOGOLD ASHANTI LTD - Form 6-K

100%						
Resource						
11.3	-0.3	-0.3	-2.9	7.7	-3.6	
-31%						
Reserve						
2.9	-0.3	0.1	-1.8	1.0	-1.9	
-65%						
Vaal River Surface (VRGO) 100%						
Resource						
4.8						
-0.1						
-0.4						
0.0						
4.3						
-0.5						
-10%						
Reserve						
2.9	-0.1	-0.4	0.0	2.3	-0.6	
-21%						
ERGO						
100%						
Resource						
0.8	-0.1	0.0	-0.7	0.0	-0.8	
-100%						
Reserve						
0.1	-0.1	0.0	0.0	0.0	-0.1	
-100%						
Mponeng						
100%						
Resource						
29.5	-0.6	0.7	-5.3	24.4	-5.1	
-17%						
Reserve						
6.7	-0.5	0.0	-1.7	4.5	-2.2	
-33%						
Savuka						
100%						
Resource						
8.2	-0.2	0.0	-6.8	1.2	-7.0	
-85%						
Reserve						
0.4	-0.1	0.0	-0.3	0.0	-0.4	
-97%						
TauTona						
100%						
Resource						
15.2	-0.7	-0.7	0.0	13.8	-1.4	-9%
Reserve						
5.6	-0.5	0.5	-0.4	5.3	-0.3	-6%
Western Ultra Deep Levels 100%						
Resource						

1.5						
0.0						
0.0						
-1.5						
0.0						
-1.5						
-100%						
Reserve						
0.0	0.0	0.0	0.0	0.0	0.0	0%
West						
Wits						
Surface						
100%						
Resource						
0.2	0.0	0.0	0.0	0.2	0.0	3%
Reserve						
0.0	0.0	0.0	0.0	0.0	0.0	0%
South Africa totals:						
Resource						
117.0						
-3.6						
-1.7						
-24.8						
86.9						
-30.1						
-26%						
Reserve						
39.1	-2.8					
0.8	-10.3	26.8	-12.3	-32%		
Argentina						
Cerro						
Vanguardia						
92.5%						
Resource						
3.5	-0.2	0.0	0.0	3.3	-0.2	-6%
Reserve						
1.6	-0.2	0.0	0.0	1.3	-0.2	
-15%						
Argentina						
totals:						
Resource						
3.5	-0.2	0.0	0.0	3.3	-0.2	
-6%						
Reserve						
1.6	-0.2	0.0	0.0	1.3	-0.2	
-15%						
Australia						
Boddington						
33.33%						
Resource						
6.6	0.0	1.6	0.0	8.2	1.6	

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25%						
Reserve						
3.6	0.0	0.2	0.0	3.9	0.2	6%
Sunrise						
Dam						
100%						
Resource						
5.1	-0.7	0.1	-0.2	4.3	-0.8	
-15%						
Reserve						
2.5	-0.5	-0.1	-0.1	1.8	-0.7	
-30%						
Australia						
totals:						
Resource						
11.6	-0.7	1.7	-0.2			
12.5	0.9	7%				
Reserve						
6.2	-0.5	0.2	-0.1	5.6	-0.5	
-8%						

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MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

Comments

The reduction is due to the removal of the C Reef because of economics factors, plus pillar clean up.

The reduction is due to reduced volumes and a lower Mine Call Factor.

The reduction is due to inventory clean up, structural changes at Edom and model changes.

The reduction is due to mineral economics in the MK Lower area.

Phase 2 has been removed from the Mine Plan (4.1 Moz). Phase 1 was reduced by 1.3 Moz due to a lower Mine Call Factor.

The Mineral Resource below 1650 Level has been removed due to economic factors.

The Ore Reserve is now based on a 4 year plan in order to be SEC compliant.

The reduction is due to new geological information and re-evaluation.

The reduced Life Of Mine for Moab Khotsong will result in an earlier closure of the milling plant.

Closed.

Closed.

The reduction is due to mineral economics on Block 5 and the Carbon Leader Reef.

The VCR below 120 level (1.3 Moz) was removed due to mineral economics; 0.4 Moz was removed due to a lower Mine Call Factor.

Shaft closure.

Shaft closure.

The reduction is due to uneconomic scoping studies.

Removal due to lapse of exploration and mineral rights.

Exploration is keeping pace with depletion.

The addition is due to the completion of the latest feasibility study.

The addition is due to the completion of the latest feasibility study.

Design changes to the pit and underground were partially offset by additional stockpiles.

24

Year-on-year Mineral Resource and Ore Reserve comparison by operation (attributable)

Au Content (Million Ounces)

Percentage

Model

Scope

Net

Operation

Attributable

Category

2004

Depletion

(1)

Change

(2)

Change

(3)

2005

Difference

%

Brazil

AGA

Mineração 100%

Resource

10.0 -0.3 1.7 0.0

11.4 1.4

14%

Reserve

2.4 -0.3 0.3 0.1 2.5 0.1 6%

Serra

Grande

50%

Resource

0.9 -0.1 0.0 0.0 0.8 -0.1

-10%

Reserve

0.4 -0.1 0.0 0.0 0.4 -0.1

-12%

Brazil

totals:

Resource

10.9 -0.4 1.7 0.0

12.2 1.3

12%

Reserve

2.8 -0.4 0.3 0.1 2.9 0.1 3%

Ghana

Bibiani

100%

Resource

1.6 -0.2 -0.3 -0.3 0.9 -0.7

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-46%						
Reserve						
0.5	-0.1	0.0	-0.2	0.1	-0.3	
-69%						
Iduapriem						
85%						
Resource						
3.4	-0.2	0.0	-0.2	3.0	-0.4	
-12%						
Reserve						
1.8	-0.2	0.0	0.3	1.8	0.1	4%
Obuasi						
100%						
Resource						
29.3	-0.7	-7.8	4.2	24.9	-4.4	
-15%						
Reserve						
9.6	-0.5	0.0	-0.4	8.6	-0.9	
-10%						
Ghana						
totals:						
Resource						
34.3	-1.1	-8.1	3.7	28.8	-5.5	
-16%						
Reserve						
11.8	-0.8	0.0	-0.3	10.6	-1.2	
-10%						
Guinea						
Siguiri						
85%						
Resource						
4.2	-0.3	-1.6	1.9	4.3	0.1	1%
Reserve						
1.7	-0.2	0.0	0.1	1.6	0.0	-3%
Guinea						
totals:						
Resource						
4.2	-0.3	-1.6	1.9	4.3	0.1	1%
Reserve						
1.7	-0.2	0.0	0.1	1.6	0.0	
-3%						
Mali						
Morila						
40%						
Resource						
1.4	-0.4	0.2	0.1	1.4	0.0	-2%
Reserve						
1.0	-0.3	0.0	0.2	0.9	-0.1	-8%
Sadiola						
38%						
Resource						

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3.6	-0.1	0.2	0.4	4.2	0.5	
15%						
Reserve						
0.9	-0.2	0.1	0.0	0.9	-0.1	-6%
Yatela						
40%						
Resource						
0.6	-0.1	0.0	-0.1	0.5	-0.2	
-27%						
Reserve						
0.4	-0.1	0.0	0.0	0.2	-0.1	
-39%						
Mali						
totals:						
Resource						
5.7	-0.5	0.4	0.5	6.1	0.4	6%
Reserve						
2.3	-0.6	0.1	0.2	2.0	-0.3	
-12%						
Namibia						
Navachab						
100%						
Resource						
5.2	-0.1	0.0	-3.3	1.8	-3.4	
-66%						
Reserve						
0.5	-0.1	0.0	0.1	0.5	0.1	
10%						
Namibia						
totals:						
Resource						
5.2	-0.1	0.0	-3.3	1.8	-3.4	
-66%						
Reserve						
0.5	-0.1	0.0	0.1	0.5	0.1	
10%						
Tanzania						
Geita						
100%						
Resource						
18.1	-0.6	-4.2	0.0	13.3	-4.8	
-27%						
Reserve						
9.0	-0.7	0.4	-0.3	8.5	-0.5	-6%
Tanzania						
totals:						
Resource						
18.1	-0.6	-4.2	0.0	13.3	-4.8	
-27%						
Reserve						
9.0	-0.7	0.4	-0.3	8.5	-0.5	

-6%

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

25

Comments

Exploration at Córrego do Sítio showed positive results.

Grade improvement.

Close to end of life.

Updated studies showed that underground mining was not feasible.

An increase of 0.3Moz was due to the inclusion of the A Zone at a higher gold price.

The changes are due to new estimation and classification methods.

The changes are due to revised Dilution Grade assumptions.

An additional pit was added to the Ore Reserve.

The reduction is due to a revised cost structure.

Grid A was added to the Ore Reserve.

The reduction is due to revised economic definitions of the Mineral Resource.

Increases to the Ore Reserves at Matandani and Geita Hill were off-set by decreases due to higher cut-off grades as a result of cost increases.

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

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MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

Year-on-year Mineral Resource and Ore Reserve comparison by operation (attributable)

Au Content (Million Ounces)

Percentage

Model

Scope

Net

Operation

Attributable

Category

2004

Depletion

(1)

Change

(2)

Change

(3)

2005

Difference

%

USA

Cripple

Creek

&

Victor

100%

Resource

7.7	-0.6	0.7	-1.0	6.8	-0.9
-----	------	-----	------	-----	------

-12%

Reserve

3.9	-0.6	-0.7	0.7	3.3	-0.6
-----	------	------	-----	-----	------

-15%

USA

Totals:

Resource

7.7	-0.6	0.7	-1.0	6.8	-0.9
-----	------	-----	------	-----	------

-12%

Reserve

3.9	-0.6	-0.7	0.7	3.3	-0.6
-----	------	------	-----	-----	------

-15%

ANGLOGOLD

ASHANTI

Resource

218.2	-8.1	-11.1	-23.2	175.8	-42.4	-19%
-------	------	-------	-------	-------	-------	------

GRAND TOTALS

Reserve

78.9

-7.0

1.2

- 9.8
- 63.3
- 15.6
- 20%
- (1)
Depletion: reduction in reserves based on ore delivered to the plant and corresponding reduction in resource.
- (2)
Model Change: difference between the reserves based on the start of year and end of year resource models. In both cases the end of year mine design and mining faces are applied.
- (3)
Scope Change: difference resulting from change in cut-off grade, mine call factor, new project studies and any other factors influencing reserve and resource estimation.

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MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

Comments

The changes are due to a revised gold recovery model.

Increases due to exploration drilling were offset by the exclusion of WHEX due to leach pad capacity constraints.

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

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Year-on-year Mineral Resource and Ore Reserve changes

17.2

0.0

-4.5

0.0

0.0

0.3

0.0

13.0

2004

Depletions

Gold

Cost

Stock-

Explo-

Metho-

2005

Price

pile

ration

dology

Moab Khotsong: Mineral Resources 2004 vs 2005

20 –

15 –

10 –

5 –

0 –

Moz

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

29

2.9

-0.1

-0.4

0.0

0.0

2.3

2004

Depletion

Modelling

Scope

Disposal

2005

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

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Year-on-year Mineral Resource and Ore Reserve changes

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

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MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

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Year-on-year Mineral Resource and Ore Reserve changes

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

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MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

34

Year-on-year Mineral Resource and Ore Reserve changes

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

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MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

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Modifying Factors

Gold Price

Exchange

Cut-off

(1)

Cut-off

Stoping

Mine Call

**

used

rate per

grade

value

Width

Dilution

(2)*

Factor

Mine

US\$/oz

USD \$

g/t Au

cmg/t Au

cm

%

(MCF) %

South Africa

Great Noligwa

400

ZAR 6.75 = \$

6.29

1000

158.88

32.22%

68.68%

Kopanang

400

ZAR 6.75 = \$

6.86

700

102

49.19%

69.83%

Moab Khotsong – Upper Mine

400

ZAR 6.75 = \$

7.84

1180

150.58

45.94%
72.65%
Tau Lekoa
400
ZAR 6.75 = \$
5.07
830
163.2
22.44%
84.77%
Mponeng
400
ZAR 6.75 = \$
6.43
900
140
38.23%
88.98%
Vaal River Surface
n/a
ZAR 6.75 = \$
n/a
n/a
n/a
n/a
n/a
Savuka
400
ZAR 6.75 = \$
8.74
900
103
44.60%
80%
TauTona
400
ZAR 6.75 = \$
11.34
1100
97.01
110.15%
79.70%
Argentina
Cerro Vanguardia
400
n/a
2.38
n/a
30.00%
96.00%
Australia

Boddington

400

A\$ 1.39 =\$

0.4

n/a

n/a

n/a

Sunrise Dam - Pit

400

A\$ 1.39 =\$

1.2

n/a

n/a

n/a

Sunrise Dam - Underground

400

A\$ 1.39 =\$

3

2.5

n/a

n/a

Brazil

AGA Mineração - Córrego do Sítio

400

n/a

1.83

n/a

34% - 47%

n/a

AGA Mineração - Cuiaba

400

n/a

2.36 - 2.64

400 - 1500

94.50%

n/a

Serra Grande

400

n/a

2-3

250 - 350

5%

95%

Ghana

Bibiani - Tailings

400

n/a

n/a

n/a

n/a

n/a

Iduapriem 400

n/a

0.86

n/a

8%

n/a

Obuasi - Pit

425

n/a

n/a

n/a

10%

85%

Obuasi - Underground

450

n/a

5.21 - 7.89

200 - 3700

10% - 30%

82%

Obuasi - Stockpile

450

n/a

n/a

n/a

n/a

100%

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

37	Metallurgical	Recovery	Other	Factor	(3)	%	Factor	Comments
		97.10%						
		n/a						
		97.74%						
		n/a						
		97.57%						
		n/a						
		96.68%						
		n/a						
		98.41%						
		n/a						
		73.12%						
		n/a						
		97.60%						
		n/a						
		97.70%						
		n/a						
		95.20%						
		n/a						
		There is 50cm of dilution on each side of the quartz veins. Mine Call Factor is only applied for veins where grade control drilling is not in place.						
		n/a						
		n/a						
		Cut-off is based on a net smelter return of A\$6.44/t which approximates to 0.4 g/t Au over LOM.						
		82%						
		n/a						
		82% - 90%						
		n/a						
		Stope strike length 30m for SSZ and 25m for WSZ. Metallurgical recovery 90% for SSZ and 82% for WSZ.						
		87%						
		n/a						
		Dilution depends on the width of the orebody; 1m at each contact has been assumed.						
		92.50%						
		n/a						
		92.8% - 96.09%						
		n/a						
		60%						
		n/a						
		No cut-off grade						
		94%						

n/a
75%
n/a
81.90%
n/a
60%
n/a

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

38

Modifying Factors

Gold Price

Exchange

Cut-off

(1)

Cut-off

Stoping

Mine Call

**

used

rate per

grade

value

Width

Dilution

(2)*

Factor

Mine

US\$/oz

USD \$

g/t Au

cmg/t Au

cm

%

(MCF) %

Guinea

Siguiri

400

n/a

0.40 - 0.53

n/a

4%

96%

Mali

Morila - Pit

400

n/a

1.4

n/a

n/a

n/a

Morila - TSF

400

n/a

n/a

n/a

n/a

n/a

Sadiola - Pit

400

n/a

1.2-2.4

n/a

n/a

n/a

Yatela - Pit

400

n/a

1.38 - 1.75

n/a

n/a

87%

Namibia

Navachab - Pit

400

N\$ 6.75 = \$

1.00

n/a

n/a

n/a

Tanzania

Geita

400

n/a

1.0 - 3.1

n/a

n/a

n/a

USA

Cripple Creek and Victor

400

n/a

0.4

n/a

n/a

n/a

Notes:

(1)

A range of cut-off grades indicates variable ore types.

(2)

Where no dilution factor is indicated the dilution is inherent in the resource model estimate.

(3)

A range of plant recoveries indicates variable ore types.

* Dilution: The difference between the tonnage broken in stopes and the tonnage milled from underground sources.

For example, if 100 tonnes broken in the stopes amounts

to 132 tonnes milled, then the dilution is 32%.

** Mine Call Factor (MCF): The ratio expressed as a percentage, which the specific product accounted for in the recovery, plus residues, bears to the corresponding product called for by the mine's measuring methods.

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

39

Metallurgical

Recovery

Other

Factor

(3)

%

Factor

Comments

93.50%

n/a

89% - 91.5%

n/a

62%

n/a

75% - 93%

n/a

Recovery and cut-off grade vary with pit and ore type.

75% - 85%

n/a

Recovery and cut-off grade vary with pit and ore type.

87% - 92%

n/a

Exchange Rate N\$6.75

66% - 95%

n/a

Recovery and cut-off grade vary with pit and ore type.

62%

n/a

Cut-off grade based on 0.007 recoverable ounces per short ton, which approximates to 0.4g/t at 63% recovery.

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

40

Details of average drillhole spacing and type in relation to Mineral Resource classification

Category

Spacing

Type of drilling

Mine/project name

m (-x-)

Diamond

RC

Blasthole

Other

South Africa

South African Mines

Measured

5 x 5

x

Indicated

2 x 200

x

Inferred

1000 x 1000

x

Grade/Ore Control

5 x 5

x

Argentina

Cerro Vanguardia

Measured

12.5 x 5

x

x

Indicated

25 x 10

x

x

Inferred

50 x 15

x

Grade/Ore Control

12.5 x 5

x

Australia

Boddington

Measured

25 x 25

x

x

Indicated

50 x 50

x
x
Inferred
100 x 200
x
x
Grade/Ore Control
Sunrise Dam
Measured
25 x 25
x
x
Indicated
40 x 40
x
x
Inferred
50 x 100
x
x
Grade/Ore Control
7 x 5
x
(x)
Brazil
AGA Mineração (Corrego do Sitio)
Measured
25 x 25
x
x
Indicated
50 x 50
x
x
Inferred
150 x 150
x
x
Grade/Ore Control
5 x 5
x
x
x
AGA Mineração (Cuiaba)
Measured
5 x 5 and 20 x 60
x
Indicated
20 x 60
x
Inferred

80 x 500

x

Grade/Ore Control

5 x 5

x

AGA Mineração (Engenho D'Agua)

Measured

20 x 20

x

Indicated

40 x 40

x

Inferred

100 x 100

x

Grade/Ore Control

2.5 x 2.5

x

Serra Grande

Measured

10 x 20 and 15 x 30

x

Indicated

Inferred

Grade/Ore Control

2 x 2 and 4 x 4

x

Ghana

Bibiani

Measured

30 x 30

x

x

Indicated

60 x 60

x

x

Inferred

120 x 120

x

x

Grade/Ore Control

4 x 4 and 10 x 10

x

x

Iduapriem

Measured

50 x 50

x

x

Indicated

50 x 75

x

x

Inferred

100 x 100

x

x

Grade/Ore Control

10 x 10

x

Obuasi - Surface

Measured

20 x 20

x

x

Indicated

30 x 30

x

x

Inferred

90 x 90

x

x

Grade/Ore Control

10 x 10

x

x

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

41

Comments

Based on optimised kriging to a minimum regression slope of 0.6, supported by chip sampling in stopes.

Based on a >20% estimated error, supported by underground drillholes and chip sampling of reef development ends.

Based on a >80% estimated error, supported by surface drillholes.

Chipped channel samples.

Mineral Resources were classified using a combination of drillhole spacing, number of samples in estimate and average distance to samples.

Not applicable.

Mineral Resources were classified using a combination of drillhole spacing, number of samples in estimate, average distance to samples and confidence

in geological interpretation / estimate.

(Blastholes were historically used for grade control in Sunrise Pit by Placer.)

Diamond drill and RC Holes

Diamond drill, RC Holes and channel samples

Diamond drill, RC Holes and channel samples

Diamond drill, RC Holes and channel samples

Channel samples.

Channel samples.

Channel samples.

10m x 10m spacing for grade control RC drilling and 4m x 4m spacing for blastholes.

50m x 100m spacing in some areas.

RC drilling only. Occasionally 20m x 10m spacing.

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

42

Details of average drillhole spacing and type in relation to Mineral Resource classification

Category

Spacing

Type of drilling

Mine/project name

m (-x-)

Diamond

RC

Blasthole

Other

Obuasi - Underground

Measured

20 x 20

x

x

Indicated

60 x 60

x

x

Inferred

120 x 120

x

x

Grade/Ore Control

Guinea

Siguiri

Measured

25 x 25

x

x

AC

Indicated

25 x 25

x

x

AC

Inferred

50 x 50

x

Grade/Ore Control

5 x 8

x

Mali

Morila

Measured

10 x 10

x

x

Indicated

30 x 30

x

x

Inferred

60 x 60

x

x

Grade/Ore Control

10 x 10

x

x

Sadiola

Measured

25 x 25

x

x

Indicated

25 x 50

x

x

Inferred

>25 x 50

x

Grade/Ore Control

5 x 10

x

Yatela

Measured

10 x 10 and 25 x 25

x

Indicated

25 x 25 and 35 x 45

x

Inferred

>25 x 25 and > 35 x 45

x

Grade/Ore Control

5 x 10

x

Namibia

Navachab

Measured

5 x 10 and 20 x 20

x

Indicated

12.5 x 25 and 30 x 30

x

x

Inferred

25 x 25 and 50 x 50

x
x
Grade/Ore Control
5 x 10
x
Tanzania
Geita
Measured
20 x 20
x
x
Indicated
40 x 40
x
x
Inferred
80 x 80
x
x
Grade/Ore Control
10 x 10
x
USA
Cripple Creek & Victor
Measured
30 x 30
x
x
Indicated
30 x 30
x
x
Inferred
30 x 30
x
Grade/Ore Control
5 x 6
x

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

43

Comments

Channel samples.

Channel samples.

Channel samples.

Air Core drilling.

Also includes 25m x 50m spacing.

Blastholes were only used for sampling when there was insufficient RC coverage.

The North Pit has no Measured Resource.

Drillhole spacing is reduced to 5m x 5m in complex ore zones.

Use probability field to delineate Measured and Indicated.

Double search range.

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

44

Ore Reserves by project (attributable)

Metric

Imperial

Contained

Contained

gold

gold

Tonnes

Grade

grams

Tons

Grade

ounces

Category

(000s)

g/t

(000s)

(000s)

oz/t

(000s)

South Africa

Great Noligwa - Vaal Reef

Proved

6,032

8.65

52,200

6,649

0.252

1,678

Probable

11,090

8.23

91,241

12,225

0.240

2,933

Total

17,122

8.38

143,441

18,874

0.244

4,612

Kopanang - Crystalkop Reef

Proved

119

7.47

893

132

0.218

29

Probable

285

6.81

1,942

314

0.199

62

Total

405

7.01

2,835

446

0.204

91

Kopanang - Vaal Reef

Proved

1,012

9.92

10,034

1,115

0.289

323

Probable

19,441

8.15

158,486

21,430

0.238

5,095

Total

20,452

8.24

168,520

22,545

0.240

5,418

Moab Khotsong - Vaal Reef

Proved

642

9.39

6,028

708

0.274

194

Probable

8,541

12.46

106,449

9,415

0.364
3,422
Total
9,183
12.25
112,476
10,123
0.357
3,616
Tau Lekoa - Ventersdorp
Proved
3,857
4.17
16,093
4,252
0.122
517
Contact Reef
Probable
3,771
4.05
15,280
4,157
0.118
491
Total
7,628
4.11
31,373
8,409
0.120
1,009
Vaal River Surface - SA Met
Proved
-
-
-
-
-
-
Probable
115,126
0.61
70,268
126,905
0.018
2,259
Total
115,126
0.61
70,268

126,905

0.018

2,259

Mponeng - Ventersdorp

Proved

1,873

7.01

13,134

2,065

0.204

422

Contact Reef

Probable

16,381

7.79

127,573

18,057

0.227

4,102

Total

18,254

7.71

140,707

20,122

0.225

4,524

Savuka - Carbon Leader Reef

Proved

19

8.27

154

21

0.241

5

Probable

32

9.02

286

35

0.263

9

Total

50

8.74

440

56

0.255

14

TauTona - Carbon Leader Reef

Proved

890

11.69
10,404
981
0.341
335
Probable
12,758
11.40
145,463
14,063
0.333
4,677
Total
13,648
11.42
155,867
15,044
0.333
5,011
TauTona - Ventersdorp
Proved
10
8.62
87
11
0.252
3
Contact Reef
Probable
1,299
6.16
7,996
1,432
0.180
257
Total
1,309
6.17
8,083
1,443
0.180
260
Argentina
Cerro Vanguardia - Main Pits
Proved
1,502
8.04
12,072
1,655
0.234
388

Probable

4,478

6.53

29,236

4,936

0.190

940

Total

5,979

6.91

41,308

6,591

0.201

1,328

Cerro Vanguardia - Stockpile

Proved

70

7.01

492

77

0.205

16

Full Grade Ore

Probable

—

—

—

—

—

—

Total

70

7.01

492

77

0.205

16

Australia

Boddington - Main Pit

Proved

41,194

1.01

41,441

45,409

0.029

1,332

Probable

93,066

0.85

78,766

102,588

0.025
2,532
Total
134,260
0.90
120,207
147,996
0.026
3,865

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

45

Metric

Imperial

Contained

Contained

gold gold

Tonnes

Grade

grams

Tons

Grade

ounces

Category

(000s)

g/t

(000s)

(000s)

oz/t

(000s)

Sunrise Dam - Open Pit

Proved

1,691

3.29

5,559

1,864

0.096

179

Probable

8,607

3.92

33,702

9,488

0.114

1,084

Total

10,298

3.81

39,261

11,352

0.111

1,262

Sunrise Dam - Stockpile

Proved

4,817

1.70

8,178

5,310

0.050

263

Full Grade Ore

Probable

-
-
-
-
-
-

Total

4,817

1.70

8,178

5,310

0.050

263

Sunrise Dam - Underground

Proved

-
-
-
-
-
-

Probable

819

9.39

7,691

903

0.274

247

Total

819

9.39

7,691

903

0.274

247

Brazil

AGA Mineração - Córrego do Sítio

Proved

410

5.32

2,184

452

0.155

70

Probable

854

4.93

4,207

942

0.144
 135
 Total
 1,265
 5.05
 6,391
 1,394
 0.147
 205
 AGA Mineração - Cuiaba
 Proved
 1,616
 6.64
 10,728
 1,781
 0.194
 345
 Probable
 7,739
 7.78
 60,213
 8,531
 0.227
 1,936
 Total
 9,355
 7.58
 70,942
 10,312
 0.221
 2,281
 AGA Mineração - Stockpile
 Proved
 40
 7.76
 311
 44
 0.226
 10
 Probable
 -
 -
 -
 -
 -
 -
 Total
 40
 7.76
 311
 44

0.226

10

Serra Grande

Proved

590

4.56

2,688

650

0.133

86

Probable

1,232

7.14

8,796

1,358

0.208

283

Total

1,822

6.30

11,485

2,008

0.184

369

Serra Grande - Stockpile

Proved

43

6.97

296

47

0.203

10

Probable

—

—

—

—

—

—

Total

43

6.97

296

47

0.203

10

Ghana

Bibiani - Tailings

Proved

3,975

1.03

4,095

4,382

0.030

132

Probable

364

0.93

339

401

0.027

11

Total

4,339

1.02

4,433

4,783

0.030

143

Iduapriem - Surface

Proved

24,359

1.78

43,340

26,851

0.052

1,393

Probable

7,344

1.81

13,269

8,095

0.053

427

Total

31,703

1.79

56,609

34,947

0.052

1,820

Iduapriem - Stockpile

Proved

486

1.66

807

536

0.048

26

Full Grade Ore

Probable

—

-
 -
 -
 -
 -
 Total
 486
 1.66
 807
 536
 0.048
 26
 Obuasi - Surface
 Proved
 109
 5.49
 601
 121
 0.160
 19
 Probable
 -
 -
 -
 -
 -
 -
 Total
 109
 5.49
 601
 121
 0.160
 19
 Obuasi - Tailings
 Proved
 9,505
 1.92
 18,224
 10,477
 0.056
 586
 Probable
 4,395
 1.55
 6,796
 4,845
 0.045
 219
 Total
 13,900

1.80
25,020
15,322
0.053
804

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

46

Ore Reserves by project (attributable)

Metric

Imperial

Contained

Contained

gold gold

Tonnes

Grade

grams

Tons

Grade

ounces

Category

(000s)

g/t

(000s)

(000s)

oz/t

(000s)

Obuasi - Underground

Proved

1,050

9.20

9,661

1,157

0.268

311

Probable

31,557

7.34

231,781

34,786

0.214

7,452

Total

32,607

7.40

241,442

35,943

0.216

7,763

Obuasi - Stockpile

Proved

—

—

—

—

—

—
Probable
3,000
0.60
1,800
3,307
0.018
58
Total
3,000
0.60
1,800
3,307
0.018
58
Guinea
Siguiiri - Oxides
Proved
1,834
1.52
2,788
2,022
0.044
90
Probable
36,734
1.00
36,598
40,492
0.029
1,177
Total
38,568
1.02
39,386
42,514
0.030
1,266
Siguiiri - Stockpile
Proved
2,550
0.86
2,193
2,811
0.025
71
Full Grade Ore
Probable
—
—
—

—
—
—
Total
2,550
0.86
2,193
2,811
0.025
71
Siguiri - Stockpile Marginal
Proved
19,206
0.50
9,551
21,171
0.015
307
Probable
—
—
—
—
—
—
Total
19,206
0.50
9,551
21,171
0.015
307
Mali
Morila - Main Pit
Proved
3,171
4.07
12,916
3,495
0.119
415
Probable
2,423
3.62
8,764
2,671
0.106
282
Total
5,594
3.88

21,680

6,166

0.113

697

Morila - Stockpile FGO

Proved

3,208

2.36

7,555

3,536

0.069

243

Probable

—

—

—

—

—

—

Total

3,208

2.36

7,555

3,536

0.069

243

Morila - TSF

Proved

—

—

—

—

—

Probable

54

4.33

234

59

0.126

8

Total

54

4.33

234

59

0.126

8

Sadiola - FE3

Proved

—

—
—
—
—
—
Probable
711
3.72
2,644
783
0.109
85
Total
711
3.72
2,644
783
0.109
85
Sadiola - FE4
Proved

—
—
—
—
—
—
Probable

809
3.33
2,698
892
0.097
87
Total
809
3.33
2,698
892
0.097
87
Sadiola - Main Pit
Proved

—
—
—
—
—
—
Probable
3,734

4.32
16,148
4,117
0.126
519
Total
3,734
4.32
16,148
4,117
0.126
519
Sadiola - Stockpile
Proved
1,951
2.37
4,624
2,150
0.069
149
Full Grade Ore
Probable
—
—
—
—
—
—
Total
1,951
2.37
4,624
2,150
0.069
149
Sadiola - Stockpile Marginal
Proved
807
0.93
749
889
0.027
24
Probable
—
—
—
—
—
—
Total

807
0.93
749
889
0.027
24
Yatela - Alamatoula Pit
Proved
—
—
—
—
—
—
Probable
54
2.28
124
60
0.067
4
Total
54
2.28
124
60
0.067
4

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

47

Metric

Imperial

Contained

Contained

gold gold

Tonnes

Grade

grams

Tons

Grade

ounces

Category

(000s)

g/t

(000s)

(000s)

oz/t

(000s)

Yatela - KW18

Proved

—

—

—

—

—

—

Probable

87

2.85

248

96

0.083

8

Total

87

2.85

248

96

0.083

8

Yatela - Main Pit

Proved

—

—

—

—

—

—

Probable

1,385

4.11

5,686

1,526

0.120

183

Total

1,385

4.11

5,686

1,526

0.120

183

Yatela - Stockpile

Proved

222

1.95

433

245

0.057

14

Full Grade Ore

Probable

—

—

—

—

—

—

Total

222

1.95

433

245

0.057

14

Yatela - Stockpile Marginal

Proved

294

0.87

255

324

0.025

8

Probable

—

—

—

—

—

–
 Total
 294
 0.87
 255
 324
 0.025
 8
 Namibia
 Navachab - Main Pit
 Proved
 –
 –
 –
 –
 –
 –
 Probable
 8,927
 1.65
 14,710
 9,840
 0.048
 473
 Total
 8,927
 1.65
 14,710
 9,840
 0.048
 473
 Navachab - Stockpile Full
 Proved
 1,167
 1.85
 2,160
 1,286
 0.054
 69
 Grade Ore
 Probable
 –
 –
 –
 –
 –
 –
 Total
 1,167
 1.85
 2,160

1,286

0.054

69

Tanzania

Geita - Area 3 West

Proved

—

—

—

—

—

—

Probable

73

3.88

284

81

0.113

9

Total

73

3.88

284

81

0.113

9

Geita - Chipaka

Proved

—

—

—

—

—

—

Probable

2,166

2.58

5,579

2,388

0.075

179

Total

2,166

2.58

5,579

2,388

0.075

179

Geita - Geita Hill Surface

Proved

13,517

2.51
33,877
14,900
0.073
1,089
Probable
5,335
3.65
19,471
5,880
0.106
626
Total
18,852
2.83
53,347
20,781
0.083
1,715
Geita - Kukuluma
Proved
756
4.17
3,151
834
0.121
101
Probable
152
4.31
657
168
0.126
21
Total
909
4.19
3,808
1,002
0.122
122
Geita - Lone Cone
Proved
490
3.35
1,641
540
0.098
53
Probable
144

3.00
 433
 159
 0.088
 14
 Total
 634
 3.27
 2,074
 699
 0.095
 67
 Geita - Matandani
 Proved
 3,095
 6.37
 19,717
 3,412
 0.186
 634
 Probable
 -
 -
 -
 -
 -
 -
 Total
 3,095
 6.37
 19,717
 3,412
 0.186
 634
 Geita - Nyankanga Surface
 Proved
 3,471
 4.18
 14,524
 3,826
 0.122
 467
 Probable
 25,151
 5.35
 134,523
 27,724
 0.156
 4,325
 Total
 28,622

5.21
149,047
31,550
0.152
4,792
Geita - Ridge 8 Surface
Proved
—
—
—
—
—
—
Probable
1,412
2.81
3,969
1,557
0.082
128
Total
1,412
2.81
3,969
1,557
0.082
128

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

48

Ore Reserves by project (attributable)

Metric

Imperial

Contained

Contained

gold gold

Tonnes

Grade

grams

Tons

Grade

ounces

Category

(000s)

g/t

(000s)

(000s)

oz/t

(000s)

Geita - Roberts

Proved

—

—

—

—

—

—

Probable

3,045

2.86

8,709

3,357

0.083

280

Total

3,045

2.86

8,709

3,357

0.083

280

Geita - Star and Comet

Proved

—

—

—

—

—

—
Probable
2,873
5.43
15,589
3,166
0.158
501
Total
2,873
5.43
15,589
3,166
0.158
501
Geita - Stockpile
Proved
750
2.88
2,159
826
0.084
69
Full Grade Ore
Probable
—
—
—
—
—
—
Total
750
2.88
2,159
826
0.084
69
USA
Cripple Creek and Victor
Proved
87,373
0.86
75,365
96,313
0.025
2,423
Probable
31,753
0.86
27,383

35,001

0.025

880

Total

119,126

0.86

102,748

131,314

0.025

3,303

Total AngloGold Ashanti

Proved

249,775

1.86

463,363

275,330

0.054

14,897

Probable

479,201

3.14

1,506,032

528,229

0.092

48,420

Total

728,976

2.70

1,969,395

803,558

0.079

63,318

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

49

Mineral Resources by project (attributable)

Metric

Imperial

Contained

Contained

gold gold

Tonnes

Grade

grams

Tons

Grade

ounces

Category

(000s)

g/t

(000s)

(000s)

oz/t

(000s)

South Africa

Great Noligwa - Crystalkop Reef

Measured

679

17.37

11,797

749

0.507

379

Indicated

880

14.77

12,987

970

0.431

418

Inferred

51

14.30

729

56

0.417

23

Total

1,610

15.85

25,514

1,774

0.462

820
Great Noligwa - Vaal Reef
Measured
9,030
18.79
169,696
9,954
0.548
5,456
Indicated
7,823
17.30
135,296
8,623
0.504
4,350
Inferred
739
15.44
11,415
815
0.450
367
Total
17,592
17.99
316,407
19,392
0.525
10,173
Kopanang - Crystalkop Reef
Measured
133
14.54
1,936
147
0.424
62
Indicated
332
14.69
4,884
367
0.428
157
Inferred
834
14.69
12,248
919
0.428

394
 Total
 1,299
 14.67
 19,068
 1,432
 0.428
 613
 Kopanang - Vaal Reef
 Measured
 1,965
 17.98
 35,325
 2,166
 0.524
 1,136
 Indicated
 17,495
 16.48
 288,336
 19,284
 0.481
 9,270
 Inferred
 608
 16.19
 9,848
 670
 0.472
 317
 Total
 20,068
 16.62
 333,509
 22,121
 0.485
 10,723
 Moab Khotsong - Vaal Reef
 Measured
 315
 16.28
 5,129
 347
 0.475
 165
 Indicated
 11,116
 23.53
 261,601
 12,253
 0.686

8,411

Inferred

6,267

21.78

136,511

6,908

0.635

4,389

Total

17,698

22.79

403,241

19,508

0.665

12,965

Mponeng - Carbon Leader Reef

Measured

—

—

—

—

—

—

Indicated

15,001

18.78

281,765

16,535

0.548

9,059

Inferred

153

10.53

1,607

168

0.307

52

Total

15,153

18.70

283,371

16,704

0.545

9,111

Mponeng - Ventersdorp

Measured

9,510

10.70

101,777

10,483

0.312

3,272
Contact Reef
Indicated
28,123
13.28
373,390
31,001
0.387
12,005
Inferred

—
—
—
—
—
—

Total
37,633
12.63
475,167
41,483
0.368
15,277
Tau Lekoa - Ventersdorp

Measured
7,050
5.72
40,350
7,771
0.167
1,297

Contact Reef
Indicated
40,018
4.99
199,881
44,112
0.146
6,426
Inferred

—
—
—
—
—
—

Total
47,067
5.10
240,231
51,883

0.149

7,724

Vaal River Surface - SA Met

Measured

—

—

—

—

—

—

Indicated

298,941

0.42

126,284

329,525

0.012

4,060

Inferred

12,368

0.63

7,802

13,634

0.018

251

Total

311,309

0.43

134,085

343,159

0.013

4,311

Savuka - Carbon Leader Reef

Measured

392

15.52

6,083

432

0.453

196

Indicated

1,584

13.01

20,614

1,746

0.380

663

Inferred

—

—

—

—

—
—
Total
1,976
13.51
26,698
2,178
0.394
858
Savuka - Ventersdorp
Measured
468
10.99
5,142
516
0.321
165
Contact Reef
Indicated
483
10.47
5,059
533
0.305
163
Inferred
—
—
—
—
—
—
Total
951
10.73
10,201
1,048
0.313
328

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

50

Mineral Resources by project (attributable)

Metric

Imperial

Contained

Contained

gold gold

Tonnes

Grade

grams

Tons

Grade

ounces

Category

(000s)

g/t

(000s)

(000s)

oz/t

(000s)

TauTona – Carbon Leader Reef

Measured

1,397

33.04

46,152

1,540

0.964

1,484

Indicated

10,166

32.02

325,546

11,206

0.934

10,467

Inferred

1,583

8.42

13,330

1,745

0.246

429

Total

13,147

29.29

385,027

14,492

0.854

12,379

TauTona – Ventersdorp

Measured

495

12.21

6,041

545

0.356

194

Contact Reef

Indicated

3,028

12.57

38,078

3,338

0.367

1,224

Inferred

–

–

–

–

–

–

Total

3,523

12.52

44,118

3,883

0.365

1,418

West Wits Surface – WWGO

Measured

–

–

–

–

–

–

Indicated

271

0.52

142

299

0.015

5

Inferred

7,103

0.68

4,839

7,829

0.020

156
Total
7,374
0.68
4,981
8,128
0.020
160
Argentina
Cerro Vanguardia – Heap Leach
Measured
9,265
1.19
11,004
10,213
0.035
354
Indicated
8,786
0.75
6,629
9,685
0.022
213
Inferred
3,616
0.81
2,927
3,986
0.024
94
Total
21,667
0.95
20,560
23,884
0.028
661
Cerro Vanguardia – Vein
Measured
1,488
9.56
14,225
1,640
0.279
457
Mineral Resources
Indicated
6,528
7.29
47,594

7,196
 0.213
 1,530
 Inferred
 2,896
 6.84
 19,796
 3,192
 0.199
 636
 Total
 10,911
 7.48
 81,614
 12,027
 0.218
 2,624
 Australia
 Boddington – Main Pit
 Measured
 46,246
 0.95
 44,082
 50,978
 0.028
 1,417
 Indicated
 149,249
 0.77
 115,384
 164,519
 0.023
 3,710
 Inferred
 134,296
 0.70
 94,611
 148,036
 0.021
 3,042
 Total
 329,791
 0.77
 254,077
 363,532
 0.022
 8,169
 Sunrise Dam – Golden Delicious
 Measured
 –
 –

—
—
—
—

Indicated

1,038
1.84
1,910
1,144
0.054
61

Inferred

2,643
1.64
4,335
2,913
0.048
139

Total

3,681
1.70
6,244
4,058
0.049
201

Sunrise Dam – North Wall Cutback Measured

2,433
3.11
7,567
2,682
0.091
243

Indicated

1,305
2.59
3,383
1,438
0.076
109

Inferred

2
0.90
2
2
0.026
0

Total

3,740
2.93
10,952
4,123

0.085
352
Sunrise Dam – Open Pit
Measured
13,692
1.47
20,074
15,093
0.043
645
Indicated
11,461
3.21
36,846
12,634
0.094
1,185
Inferred
136
4.94
674
150
0.144
22
Total
25,289
2.28
57,594
27,877
0.066
1,852
Sunrise Dam – Underground
Measured
34
5.91
202
38
0.172
7
Indicated
1,420
9.86
14,002
1,566
0.288
450
Inferred
5,961
7.56
45,039
6,571

0.220
1,448
Total
7,416
7.99
59,243
8,175
0.233
1,905

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

51

Metric

Imperial

Contained

Contained

gold gold

Tonnes

Grade

grams

Tons

Grade

ounces

Category

(000s)

g/t

(000s)

(000s)

oz/t

(000s)

Brazil

AGA Mineração – Corrego do Sitio

Measured

1,772

7.85

13,909

1,954

0.229

447

Indicated

1,486

7.00

10,405

1,638

0.204

335

Inferred

7,707

6.94

53,457

8,495

0.202

1,719

Total

10,965

7.09

77,770

12,087

0.207

2,500

AGA Mineração – Cuiaba

Measured

2,642

7.13

18,851

2,913

0.208

606

Indicated

9,174

8.65

79,321

10,113

0.252

2,550

Inferred

12,923

7.77

100,472

14,245

0.227

3,230

Total

24,739

8.03

198,644

27,270

0.234

6,387

AGA Mineração – Engenho d'Agua Measured

–

–

–

–

–

–

Indicated

468

4.13

1,936

516

0.121

62

Inferred

1,224

4.34

5,312

1,349

0.127

171

Total

1,692

4.28

7,248

1,865

0.125

233

AGA Mineração – Lamego

Measured

1,487

5.84

8,684

1,639

0.170

279

Indicated

2,043

6.72

13,730

2,252

0.196

441

Inferred

2,309

6.33

14,613

2,545

0.185

470

Total

5,839

6.34

37,027

6,436

0.185

1,190

AGA Mineração – MMV

Measured

1,434

5.32

7,621

1,580

0.155

245

Other Resources

Indicated

1,642

5.68

9,317

1,809

0.166

300

Inferred

2,738

6.21

16,990

3,018

0.181

546

Total

5,813

5.84

33,928

6,408

0.170

1,091

Serra Grande

Measured

854

5.82

4,969

941

0.170

160

Indicated

1,403

7.37

10,339

1,546

0.215

332

Inferred

1,612

6.11

9,847

1,777

0.178

317

Total

3,868

6.50

25,156

4,264

0.190

809

Ghana

Bibiani – Underground

Measured

1,451

4.09

5,933

1,599

0.119

191
 Indicated
 1,217
 4.63
 5,632
 1,341
 0.135
 181
 Inferred
 3,434
 3.09
 10,626
 3,785
 0.090
 342
 Total
 6,101
 3.64
 22,191
 6,726
 0.106
 713
 Bibiani – Tailings
 Measured
 3,975
 1.03
 4,095
 4,382
 0.030
 132
 Indicated
 364
 0.93
 339
 401
 0.027
 11
 Inferred
 –
 –
 –
 –
 –
 –
 Total
 4,339
 1.02
 4,433
 4,783
 0.030
 143

Iduapriem – Surface

Measured

35,286

1.67

59,024

38,896

0.049

1,898

Indicated

14,512

1.74

25,198

15,997

0.051

810

Inferred

6,799

1.45

9,873

7,494

0.042

317

Total

56,597

1.66

94,095

62,387

0.048

3,025

Obuasi – Surface

Measured

18,503

2.83

52,409

20,397

0.083

1,685

Indicated

–

–

–

–

–

–

Inferred

–

–

–

–

–

–

Total
18,503
2.83
52,409
20,397
0.083
1,685

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

52

Mineral Resources by project (attributable)

Metric

Imperial

Contained

Contained

gold gold

Tonnes

Grade

grams

Tons

Grade

ounces

Category

(000s)

g/t

(000s)

(000s)

oz/t

(000s)

Obuasi – Tailings

Measured

9,538

1.89

18,035

10,514

0.055

580

Indicated

3,427

1.86

6,379

3,777

0.054

205

Inferred

–

–

–

–

–

–

Total

12,964

1.88

24,415

14,291

0.055

785

Obuasi – Underground

Measured

32,460

6.07

197,104

35,781

0.177

6,337

Indicated

45,398

6.08

276,193

50,043

0.177

8,880

Inferred

31,685

7.05

223,515

34,927

0.206

7,186

Total

109,543

6.36

696,812

120,750

0.186

22,403

Guinea

Siguiri – Oxides

Measured

4,834

0.85

4,099

5,329

0.025

132

Indicated

58,671

1.03

60,307

64,674

0.030

1,939

Inferred

42,897

0.96

41,108

47,286

0.028

1,322

Total

106,403

0.99

105,514

117,289

0.029

3,392

Siguiri – Stockpile

Measured

18,785

0.57

10,635

20,707

0.017

342

Indicated

–

–

–

–

–

–

Inferred

47,542

0.34

16,119

52,406

0.010

518

Total

66,327

0.40

26,754

73,113

0.012

860

Mali

Morila – Domba

Measured

–

–

–

–

–

–

Indicated

–

–

–

–

–
 –
 Inferred
 350
 2.57
 900
 386
 0.075
 29
 Total
 350
 2.57
 900
 386
 0.075
 29
 Morila – Main Pit
 Measured
 3,616
 3.54
 12,803
 3,986
 0.103
 412
 Indicated
 5,605
 3.00
 16,793
 6,178
 0.087
 540
 Inferred
 1,163
 3.38
 3,926
 1,282
 0.098
 126
 Total
 10,384
 3.23
 33,522
 11,446
 0.094
 1,078
 Morila – Stockpiles
 Measured
 4,353
 2.03
 8,853
 4,798

0.059

285

Indicated

—

—

—

—

—

—

Inferred

—

—

—

—

—

Total

4,353

2.03

8,853

4,798

0.059

285

Morila – TSF

Measured

54

4.33

234

59

0.126

8

Indicated

—

—

—

—

—

—

Inferred

—

—

—

—

—

Total

54

4.33

234

59

0.126

8
Sadiola – Deep Sulphides
Measured
553
2.84
1,572
609
0.083
51
Indicated
11,342
2.41
27,278
12,502
0.070
877
Inferred
31,007
1.86
57,582
34,180
0.054
1,851
Total
42,902
2.01
86,432
47,291
0.059
2,779
Sadiola – FE2
Measured
–
–
–
–
–
–
–
Indicated
–
–
–
–
–
–
Inferred
251
1.60
401
276
0.047

13
Total
251
1.60
401
276
0.047
13
Sadiola – FE3
Measured
45
0.75
33
49
0.022
1
Indicated
600
2.23
1,337
662
0.065
43
Inferred
271
2.13
576
299
0.062
19
Total
916
2.13
1,947
1,010
0.062
63

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

53

Metric

Imperial

Contained

Contained

gold gold

Tonnes

Grade

grams

Tons

Grade

ounces

Category

(000s)

g/t

(000s)

(000s)

oz/t

(000s)

Sadiola – FE3S

Measured

–

–

–

–

–

–

Indicated

884

2.62

2,313

975

0.076

74

Inferred

968

2.40

2,320

1,067

0.070

75

Total

1,852

2.50

4,633

2,041

0.073

149

Sadiola – FE4

Measured

61
2.74
167
67
0.080
5

Indicated

1,136
2.61
2,959
1,252
0.076
95

Inferred

36
1.99
71
39
0.058
2

Total

1,232
2.59
3,197
1,358
0.076
103

Sadiola – FN3

Measured

–
–
–
–
–
–

Indicated

–
–
–
–
–
–

Inferred

10
2.19
21
11
0.064
1

Total

10
2.19
21
11
0.064
1
Sadiola – Main Pit
Measured
6,334
1.37
8,706
6,982
0.040
280
Indicated
9,813
2.36
23,112
10,817
0.069
743
Inferred
953
1.47
1,405
1,051
0.043
45
Total
17,101
1.94
33,224
18,850
0.057
1,068
Sadiola – Sekokoto
Measured
–
–
–
–
–
–
Indicated
–
–
–
–
–
Inferred

155
1.76
271
170
0.051
9
Total
155
1.76
271
170
0.051
9
Sadiola – Tambali South
Measured
–
–
–
–
–
–
Indicated
–
–
–
–
–
Inferred
123
1.52
187
135
0.044
6
Total
123
1.52
187
135
0.044
6
Yatela – Alamatoula Pit
Measured
325
1.14
370
358
0.033
12
Indicated

286
2.18
623
315
0.064
20
Inferred
40
2.17
86
44
0.063
3
Total
650
1.66
1,079
717
0.048
35
Yatela – KW18
Measured
–
–
–
–
–
Indicated
154
2.42
372
169
0.071
12
Inferred
4
1.97
9
5
0.057
0
Total
158
2.41
381
174
0.070
12
Yatela – Main Pit
Measured

2,005

1.17

2,338

2,210

0.034

75

Indicated

2,668

3.33

8,884

2,941

0.097

286

Inferred

650

2.79

1,816

717

0.081

58

Total

5,323

2.45

13,038

5,867

0.071

419

Namibia

Navachab – Anomaly 16

Measured

–

–

–

–

–

–

Indicated

–

–

–

–

–

–

Inferred

703

1.25

876

775

0.036

28

Total

703
1.25
876
775
0.036
28
Navachab – Grid A
Measured
282
3.26
920
311
0.095
30
Indicated
293
2.65
777
323
0.077
25
Inferred
94
1.85
175
104
0.054
6
Total
670
2.79
1,872
739
0.081
60

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

54

Mineral Resources by project (attributable)

Metric

Imperial

Contained

Contained

gold gold

Tonnes

Grade

grams

Tons

Grade

ounces

Category

(000s)

g/t

(000s)

(000s)

oz/t

(000s)

Navachab – Main Pit

Measured

898

1.35

1,214

990

0.039

39

Indicated

27,617

1.40

38,751

30,442

0.041

1,246

Inferred

5,158

1.18

6,086

5,685

0.034

196

Total

33,673

1.37

46,052

37,118

0.040

1,481

Navachab – Stockpile

Measured

9,120

0.77

6,978

10,053

0.022

224

Indicated

–

–

–

–

–

–

Inferred

–

–

–

–

–

Total

9,120

0.77

6,978

10,053

0.022

224

Tanzania

Geita – Area 3 West

Measured

–

–

–

–

–

Indicated

409

2.65

1,085

451

0.077

35

Inferred

–

–

–

–

–

—
Total
409
2.65
1,085
451
0.077
35
Geita – Chipaka
Measured
—
—
—
—
—
—
Indicated
3,603
2.15
7,759
3,972
0.063
249
Inferred
—
—
—
—
—
—
Total
3,603
2.15
7,759
3,972
0.063
249
Geita – Geita Hill Surface
Measured
15,721
2.66
41,806
17,329
0.078
1,344
Indicated
8,088
3.56
28,781
8,916
0.104

925
Inferred
32
5.61
178
35
0.164
6
Total
23,841
2.97
70,765
26,280
0.087
2,275
Geita – Geita Hill Underground
Measured
76
4.62
352
84
0.135
11
Indicated
5,457
4.87
26,585
6,015
0.142
855
Inferred
4,503
5.09
22,922
4,964
0.148
737
Total
10,036
4.97
49,859
11,063
0.145
1,603
Geita – Kukuluma
Measured
938
4.00
3,753
1,034
0.117

121
 Indicated
 216
 4.29
 928
 238
 0.125
 30
 Inferred
 -
 -
 -
 -
 -
 -
 Total
 1,154
 4.06
 4,681
 1,272
 0.118
 151
 Geita - Lone Cone
 Measured
 654
 3.76
 2,462
 721
 0.110
 79
 Indicated
 550
 3.09
 1,700
 607
 0.090
 55
 Inferred
 22
 1.18
 26
 25
 0.035
 1
 Total
 1,227
 3.41
 4,189
 1,352
 0.100
 135

Geita – Matandani

Measured

3,976

5.46

21,722

4,383

0.159

698

Indicated

0

68.75

6

0

2.005

0

Inferred

–

–

–

–

–

–

Total

3,976

5.46

21,728

4,383

0.159

698

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

55

Metric

Imperial

Contained

Contained

gold gold

Tonnes

Grade

grams

Tons

Grade

ounces

Category

(000s)

g/t

(000s)

(000s)

oz/t

(000s)

Geita – Nyankanga Surface

Measured

3,670

4.21

15,467

4,046

0.123

497

Indicated

28,968

5.21

150,907

31,932

0.152

4,852

Inferred

275

3.64

1,003

304

0.106

32

Total

32,914

5.09

167,377

36,281

0.148

5,381

Geita – Nyankanga Underground

Measured

—
—
—
—
—
—

Indicated

3,019
8.07
24,362
3,328
0.235
783

Inferred

480
8.71
4,186
530
0.254
135

Total

3,500
8.16
28,547
3,858
0.238
918

Geita – Ridge 8 Surface

Measured

—
—
—
—
—
—

Indicated

2,686
2.70
7,242
2,961
0.079
233

Inferred

39
1.91
74
43
0.056
2

Total

2,725

2.68

7,317

3,004

0.078

235

Geita – Ridge 8 Underground

Measured

–

–

–

–

–

–

Indicated

1,261

5.53

6,976

1,390

0.161

224

Inferred

2,025

5.13

10,388

2,233

0.150

334

Total

3,286

5.28

17,364

3,623

0.154

558

Geita – Roberts

Measured

–

–

–

–

–

–

Indicated

5,317

2.34

12,443

5,861

0.068

400

Inferred

—
—
—
—
—
—
Total
5,317
2.34
12,443
5,861
0.068
400
Geita – Star and Comet
Measured
—
—
—
—
—
—
Indicated
3,382
5.41
18,299
3,728
0.158
588
Inferred
104
3.11
324
115
0.091
10
Total
3,486
5.34
18,623
3,843
0.156
599
Geita – Stockpile
Measured
750
2.88
2,159
826
0.084
69
Indicated

-
 -
 -
 -
 -
 -
 Inferred
 -
 -
 -
 -
 -
 -
 Total
 750
 2.88
 2,159
 826
 0.084
 69
 USA
 Cripple Creek and Victor
 Measured
 146,045
 0.95
 138,176
 160,987
 0.028
 4,442
 Indicated
 72,931
 0.91
 66,098
 80,392
 0.026
 2,125
 Inferred
 8,237
 0.73
 6,010
 9,080
 0.021
 193
 Total
 227,213
 0.93
 210,284
 250,460
 0.027
 6,761
 Total AngloGold Ashanti

Measured
437,088
2.75
1,202,036
481,807
0.080
38,646
Indicated
951,137
3.44
3,275,080
1,048,449
0.100
105,296
Inferred
397,779
2.49
989,463
438,476
0.073
31,812
Total
1,786,004
3.06
5,466,578
1,968,733
0.089
175,755

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

56

Development sampling results

Development values represent actual results of sampling – no allowances have been made for adjustments necessary in estimating Ore Reserves

Metric

Advanced

metres

Sampled Ave.

channel

gold

uranium

(total)

metres

width (cm)

Ave. g/t

Ave. cm.g/t

Ave. kg/t

Ave. cm.kg/t

South Africa

Great Noligwa

Vaal Reef

13,769

1,915

113.6

27.00

3,067

0.89

100.66

Kopanang

Vaal Reef

25,872

3,368

11.3

151.15

1,708

5.67

64.07

Tau Lekoa

Ventersdorp Contact Reef

12,314

3,702

100.7

10.50

1,057

0.01

1.16

Moab Khotsong

Vaal Reef

17,378

538
 110.3
 22.26
 2,455
 1.46
 161.00
 TauTona
 Ventersdorp Contact Reef
 1,193
 -
 -
 -
 -
 -
 Carbon Leader Reef
 16,143
 68
 14.5
 103.24
 1,497
 -
 -
 Savuka
 Ventersdorp Contact Reef
 1,643
 -
 -
 -
 -
 -
 Carbon Leader Reef
 1,076
 76
 58.1
 13.87
 806
 0.00
 0.04
 Mponeng
 Ventersdorp Contact Reef
 16,353
 2,914
 76.4
 29.19
 2,230
 -
 -
 Australia
 Sunrise Dam

2,025

2,025

—

3.94

—

—

—

Brazil

AGA Mineração

Mina de Cuiabá

4,467

3,133

—

6.70

—

—

—

Córrego do Sítio

358

200

—

7.63

—

—

—

Lamego

1,419

10

—

7.50

—

—

—

Serra Grande

Mina III

3,588

720

—

6.04

—

—

—

Mina Nova

232

—

—

—

—

—

—

Ghana

Obuasi

25,980

5,824

520.0*

10.54

—

—

—

* Average orebody width

MINERAL RESOURCES AND ORE RESERVES

(as at 31 December 2005)

57

Imperial

Advanced

metres

Sampled Ave.

channel

gold

uranium

(total)

feet width (inches)

Ave. oz/t

Ave. ft.oz/t

Ave. lb/t

Ave. ft.lb/t

South Africa

Great Noligwa

Vaal Reef

45,173

6,283

44.72

0.79

2.94

1.78

6.63

Kopanang

Vaal Reef

84,881

11,050

4.45

4.41

1.64

11.34

4.21

Tau Lekoa

Ventersdorp Contact Reef

40,400

12,146

39.65

0.31

1.02

0.02

0.07

Moab Khotsong

Vaal Reef

57,015

1,765

43.43

0.65

2.35

2.92
10.57
TauTona
Ventersdorp Contact Reef
3,913
—
—
—
—
—
—
Carbon Leader Reef
52,963
223
5.71
3.01
1.43
—
—
Savuka
Ventersdorp Contact Reef
5,391
—
—
—
—
—
Carbon Leader Reef
3,530
249
22.87
0.40
0.76
—
—
Mponeng
Ventersdorp Contact Reef
53,650
9,560
30.08
0.85
2.13
—
—
Australia
Sunrise Dam
6,644
6,644
—
0.11

—
—
—
Brazil
AGA Mineração
Mina de Cuiabá
14,656
10,277
—
0.20
—
—
—
Córrego do Sitio
1,174
656
—
0.22
—
—
—
Lamego
4,655
33
—
0.22
—
—
—
Serra Grande
Mina III
11,772
2,363
—
0.18
—
—
—
Mina Nova
761
—
—
—
—
—
—
Ghana
Obuasi
85,236
19,108
204.72*

0.31

5.24

—

—

* Average orebody width

Competent Persons or “recognised mining professionals”, designated in terms of the JORC Code and responsible for the generation of the Mineral Resources and Ore Reserves on the various mines and ventures, are listed below:

South Africa

Great Noligwa

Mineral Resources

•

R J Peattie – BSc Hons (Geology),
GDE (Mineral Economics),
Pr.Sci.Nat. (400097/01),
12 years experience.

Ore Reserves

•

H A Kruger – NHD (Mine Surveying),
MSCC, GDE (Mineral Economics),
PLATO (PMS0114),
28 years experience.

Kopanang

Mineral Resources

•

S Kelly – NHD (Mine Surveying), MSCC,
GDE (Mineral Economics),
PLATO (PMS0095),
22 years experience.

Ore Reserves

•

J vZ Visser – BSc (Mineral Resource
Management), PLATO (PMS0119),
19 years experience.

Moab Khotsong

Mineral Resources

•

A C Barnard – NHD (Mineral Resource
Management), Plato (MST0077),
11 years experience.

Ore Reserves

•

J Wall – NHD (Mine Surveying),
MSCC, Plato (PMS0164),
27 years experience.

Tau Lekoa

Mineral Resources

•

R J Peattie – BSc Hons (Geology),
GDE (Mineral Economics),
Pr.Sci.Nat. (400097/01),
12 years experience.

Ore Reserves

•

J v Z Visser – BSc (Mineral Resource Management), PLATO (PMS0119),
19 years experience.

Vaal River Surface

Mineral Resources

•

V. Govindsammy – BSc (Statistics),
NHD (Economic Geology), GDE (Mineral Economics), Pr.Sci.Nat.(40086/04),
13 years experience.

Ore Reserves

•

J v Z Visser - BSc (Mineral Resource Management), PLATO (PMS0119),
19 years experience.

Mponeng

Mineral Resources

•

R K Lavery - BSc Eng (Mining Geology),
MSc Eng (Mining), Pr.Sci.Nat. (144/89),
24 years experience.

Ore Reserves

•

R Brokken - NHD (Mine Surveying), MSCC,
MSc Eng (Mining), PLATO (PMS0171),
24 years experience.

Savuka

Mineral Resources

•

R K Lavery – BSc Eng (Mining Geology),
MSc Eng (Mining), Pr.Sci.Nat. (144/89),
24 years experience.

Ore Reserves

•

R Brokken – NHD (Mine Surveying), MSCC,
MSc Eng (Mining), PLATO (PMS0171),
24 years experience.

TauTona

Mineral Resources

•

R Orton – NHD (Mineral Resource Management), MSCC, PLATO (MS0096),
21 years experience.

Ore Reserves

•

M W Armstrong – ND (Cartography),
MSCC, MSc Eng (Mining) PLATO (MS0054),
21 years experience.

Competent Persons

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West Wits Surface

Mineral Resources

•

V. Govindsammy – BSc (Statistics),
NHD (Economic Geology),
GDE (Mineral Economics),
Pr.Sci.Nat.(40086/04),
13 years experience.

Ore Reserves

•

J vZ Visser – BSc (Mineral Resource
Management),
PLATO (PMS0119),
19 years experience.

Argentina

Cerro Vanguardia

Mineral Resources

•

V Scavuzzo – BSc (Geology),
Consejo Superior de Geología
(Argentina MP2355), MAusIMM (224834),
8 years experience.

Ore Reserves

•

M Roldán – Senior Mine Planning Engineer,
SJNU – 6480 2260-Res1146-96,
9 years experience.

Australia

Boddington

Mineral Resources

•

K Gleeson – BSc (Hons) (Geology),
MAusIMM (202246),
16 years experience.

Ore Reserves

•

S Williams – BMin Tech Hons,
MAusIMM (204071),
18 years experience.

Sunrise Dam

Mineral Resources

•

M Erickson – BSc Hons
(Geology),
MAusIMM (109151),
20 years experience.

Ore Reserves (surface)

•

F Bethune – MSc Eng (Mining),
MAusIMM (211100),
19 years experience.

Ore Reserves (underground)

- S Tombs – BEng (Mining),
MAusIMM (105785),
26 years experience.
Brazil
AGA Mineração – Cuiabá

Mineral Resources

- P de Tarso Ferreira – BSc (Geology),
CREA (34645/D), MAusIMM (224828),
20 years experience.

Ore Reserves

- S R Botelho – Mining Manager,
CREA (41149/D), MAusIMM (224833),
20 years experience.
AGA Mineração – Corrego do Sitio

Mineral Resources

- J W Soares – BSc (Geology),
CREA (2741/D RN), MAusIMM (224836)
17 years experience.

Ore Reserves

- P M Sobrinho – Mine Manager,
CREA (20394/D),
25 years experience.
AGA Mineração – Engenho D'Agua

Mineral Resources

- A H M Silva – BSc (Geology),
CREA (5061028321),
7 years experience.

Ore Reserves

- P M Sobrinho – Mining Engineer,
CREA (20394/D),
25 years experience.
Serra Grande

Mineral Resources

- E M de Araújo – BSc (Geology),
CREA (3688/D), MAusIMM (224825),
19 years experience.

Ore Reserves

- E M de Araújo – BSc (Geology),
CREA (3688/D), MAusIMM (224825),
19 years experience.
Ghana

Bibiani

Mineral Resources

•

E O Acheampong – MSc (Mineral Resources), MAusIMM (220644), 16 years experience.

Ore Reserves

•

S K Ndede – MSc. (Mining Engineering), MAusIMM (201772), MIMMM, 17 years experience.

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Iduapriem

Mineral Resources

•

K Osei – BSc (Geological Engineering),
MAusIMM (112723),
11 years experience.

Ore Reserves

•

E B Boakye – PhD (Applied Science),
MAusIMM (110008),
22 years experience.

Obuasi

Mineral Resources

•

J A Amanor – MSc (Mining Geology),
MAusIMM (204572),
34 years experience.

Ore Reserves

•

M P Kelly – BSc Hons (Mining Engineering),
MAusIMM (210741), MIMM,
24 years experience.

Guinea

Siguiri

Mineral Resources

•

G Cooper – BSc Hons (Geology),
MAusIMM (211786),
22 years experience.

Ore Reserves

•

A Netherwood – BMin Tech,
MAusIMM (100463),
16 years experience.

Mali

Morila

Mineral Resources

•

P Weedon – BSc Hons (Geology),
MAusIMM (204701),
13 years experience.

Ore Reserves

•

R Sanhueza – BSc (Mining Engineering),
MAusIMM (211794),
13 years experience.

Sadiola

Mineral Resources

•

S Robins – BSc Hons (Geology),
GDE (Mineral Resource Evaluation),

MAusIMM (222533),
10 years experience.

Ore Reserves

•

R vd Westhuizen – MSc (Mining),
MAusIMM (88732), 9 years experience.
Yatela

Mineral Resources

•

S Robins – BSc Hons (Geology),
GDE (Mineral Resource Evaluation),
MAusIMM (222533),
10 years experience.

Ore Reserves

•

R vd Westhuizen – MSc (Mining),
MAusIMM (88732),
9 years experience.

Namibia

Navachab

Mineral Resources

•

F P Badenhorst – MSc (Geology),
Pr.Sci.Nat. (400031/02),
MAusIMM (211026),
15 years experience.

Ore Reserves

•

R Schommarz – BSc Hons (Geology),
MAusIMM (222570),
15 years experience.

Tanzania

Geita

Mineral Resources

•

R Adofo – MSc (Mineral Exploration),
MAusIMM (208422),
11 years experience.

Ore Reserves

•

M Saarelainen – BEng (Mining),
MAusIMM (110008),
6 years experience.

USA

Cripple Creek and Victor

Mineral Resources

•

D Vardiman – BSc (Geological Engineering),
MAusIMM (224875),
30 years experience.

Ore Reserves

- L Billingsley – BA (Geology),
MAusIMM (224930),
17 years experience.
Competent Persons
60

www.anglogoldashanti.com

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

AngloGold Ashanti Limited

Date:

MARCH 15, 2006

By: /s/ C R BULL

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Name: C R Bull

Title: Company Secretary