

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:

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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%						

23

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						

3.6 -0.1 0.2 0.4 4.2 0.5