



# ANGLOGOLD

SUPPLEMENTARY INFORMATION  
ORE RESERVES AND MINERAL RESOURCES

2002



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# Ore Reserves by region

as at 31 December 2002

## ORE RESERVES

		METRIC			IMPERIAL		
		Tonnes Mt	Grade g/t	Contained gold t	Tons Mt	Grade oz/t	Contained gold Moz
South Africa***	Proved	94.7	2.22	210.4	104.4	0.065	6.8
	Probable	246.3	5.14	1,267.2	271.5	0.150	40.7
	<b>Total</b>	<b>341.0</b>	<b>4.33</b>	<b>1,477.5</b>	<b>375.9</b>	<b>0.126</b>	<b>47.5</b>
East & West Africa*	Proved	21.5	3.50	75.1	23.7	0.102	2.4
	Probable	52.3	3.73	195.3	57.7	0.109	6.3
	<b>Total</b>	<b>73.8</b>	<b>3.66</b>	<b>270.4</b>	<b>81.4</b>	<b>0.107</b>	<b>8.7</b>
South America*	Proved	15.3	6.22	95.5	16.9	0.181	3.1
	Probable	12.7	4.92	62.4	14.0	0.143	2.0
	<b>Total</b>	<b>28.0</b>	<b>5.63</b>	<b>157.8</b>	<b>30.9</b>	<b>0.164</b>	<b>5.1</b>
North America*	Proved	57.8	1.34	77.7	63.7	0.039	2.5
	Probable	69.4	0.99	68.8	76.5	0.029	2.2
	<b>Total</b>	<b>127.3</b>	<b>1.15</b>	<b>146.5</b>	<b>140.3</b>	<b>0.034</b>	<b>4.7</b>
Australia*	Proved	49.0	1.42	69.7	54.0	0.042	2.2
	Probable	100.4	1.26	126.4	110.7	0.037	4.1
	<b>Total</b>	<b>149.4</b>	<b>1.31</b>	<b>196.1</b>	<b>164.7</b>	<b>0.038</b>	<b>6.3</b>
Totals*	Proved	238.3	2.22	528.3	262.7	0.065	17.0
	Probable	481.2	3.57	1,720.0	530.4	0.104	55.3
	<b>Total</b>	<b>719.5</b>	<b>3.12</b>	<b>2,248.3</b>	<b>793.1</b>	<b>0.091</b>	<b>72.3</b>

\* Reserves attributable to AngloGold.

\*\*\* Excludes the Free State mines which were sold effective from 1 January 2002.

# Mineral Resources by region

as at 31 December 2002

## MINERAL RESOURCES\*

		METRIC			IMPERIAL		
		Tonnes Mt	Grade g/t	Contained gold t	Tons Mt	Grade oz/t	Contained gold Moz
South Africa***	Measured	300.3	1.84	552.1	331.0	0.054	17.8
	Indicated	647.7	4.42	2,865.1	714.0	0.129	92.1
	Inferred	463.1	7.97	3,692.3	510.5	0.233	118.7
	<b>Total</b>	<b>1,411.0</b>	<b>5.04</b>	<b>7,109.5</b>	<b>1,555.4</b>	<b>0.147</b>	<b>228.6</b>
East & West Africa**	Measured	37.5	2.68	100.7	41.3	0.078	3.2
	Indicated	107.6	2.81	301.9	118.6	0.082	9.7
	Inferred	144.4	1.68	242.2	159.2	0.049	7.8
	<b>Total</b>	<b>289.5</b>	<b>2.23</b>	<b>644.7</b>	<b>319.1</b>	<b>0.065</b>	<b>20.7</b>
South America**	Measured	32.4	4.41	143.1	35.7	0.129	4.6
	Indicated	22.1	4.68	103.4	24.4	0.137	3.3
	Inferred	42.2	6.20	261.8	46.5	0.181	8.4
	<b>Total</b>	<b>96.7</b>	<b>5.26</b>	<b>508.4</b>	<b>106.6</b>	<b>0.153</b>	<b>16.3</b>
North America**	Measured	85.1	1.24	105.7	93.8	0.036	3.4
	Indicated	107.3	1.12	120.1	118.3	0.033	3.9
	Inferred	69.2	1.28	88.7	76.3	0.037	2.9
	<b>Total</b>	<b>261.6</b>	<b>1.20</b>	<b>314.6</b>	<b>288.4</b>	<b>0.035</b>	<b>10.1</b>
Australia**	Measured	61.2	1.41	86.4	67.5	0.041	2.8
	Indicated	143.5	1.22	175.0	158.2	0.036	5.6
	Inferred	89.7	1.18	106.3	98.9	0.035	3.4
	<b>Total</b>	<b>294.4</b>	<b>1.25</b>	<b>367.7</b>	<b>324.5</b>	<b>0.036</b>	<b>11.8</b>
Totals**	Measured	516.5	1.91	988.0	569.3	0.056	31.8
	Indicated	1,028.2	3.47	3,565.5	1,133.4	0.101	114.6
	Inferred	808.6	5.43	4,391.3	891.3	0.158	141.2
	<b>Total</b>	<b>2,353.2</b>	<b>3.80</b>	<b>8,944.8</b>	<b>2,594.0</b>	<b>0.111</b>	<b>287.6</b>

\* Inclusive of the ore reserve component.

\*\* Resources attributable to AngloGold.

\*\*\* Excludes the Free State mines which were sold effective from 1 January 2002.

NB: Rounding of figures may result in computational discrepancies.

# Ore Reserves by operation (attributable)

as at 31 December 2002

Mine	Category	METRIC			IMPERIAL		
		Tonnes Mt	Grade g/t	Contained gold t	Tons Mt	Grade oz/t	Contained gold Moz
<b>South Africa*</b>							
Great Noligwa	Proved	4.8	9.15	44.0	5.3	0.267	1.4
	Probable	15.5	11.06	171.2	17.1	0.323	5.5
	<b>Total</b>	<b>20.3</b>	<b>10.61</b>	<b>215.1</b>	<b>22.4</b>	<b>0.309</b>	<b>6.9</b>
Kopanang	Proved	4.0	7.85	31.5	4.4	0.229	1.0
	Probable	19.2	8.07	154.6	21.2	0.235	5.0
	<b>Total</b>	<b>23.2</b>	<b>8.03</b>	<b>186.1</b>	<b>25.6</b>	<b>0.234</b>	<b>6.0</b>
Moab Khotsong	Proved	–	–	–	–	–	–
	Probable	20.7	13.45	278.8	22.8	0.392	9.0
	<b>Total</b>	<b>20.7</b>	<b>13.45</b>	<b>278.8</b>	<b>22.8</b>	<b>0.392</b>	<b>9.0</b>
Mponeng	Proved	4.7	8.03	37.8	5.2	0.234	1.2
	Probable	30.9	8.37	259.0	34.1	0.244	8.3
	<b>Total</b>	<b>35.6</b>	<b>8.33</b>	<b>296.8</b>	<b>39.2</b>	<b>0.243</b>	<b>9.5</b>
Savuka	Proved	0.8	7.50	5.9	0.9	0.219	0.2
	Probable	11.9	6.55	78.0	13.1	0.191	2.5
	<b>Total</b>	<b>12.7</b>	<b>6.61</b>	<b>83.9</b>	<b>14.0</b>	<b>0.193</b>	<b>2.7</b>
Tau Lekoa	Proved	6.7	4.36	29.2	7.4	0.127	0.9
	Probable	23.7	3.89	92.1	26.1	0.113	3.0
	<b>Total</b>	<b>30.4</b>	<b>3.99</b>	<b>121.3</b>	<b>33.5</b>	<b>0.116</b>	<b>3.9</b>
Tau Tona	Proved	3.0	11.31	33.6	3.3	0.330	1.1
	Probable	15.6	10.43	162.8	17.2	0.304	5.2
	<b>Total</b>	<b>18.6</b>	<b>10.57</b>	<b>196.4</b>	<b>20.5</b>	<b>0.308</b>	<b>6.3</b>
Western Ultra Deep Levels**	Proved	–	–	–	–	–	–
	Probable	–	–	–	–	–	–
	<b>Total</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>
Ergo	Proved	65.7	0.37	24.6	72.4	0.011	0.8
	Probable	–	–	–	–	–	–
	<b>Total</b>	<b>65.7</b>	<b>0.37</b>	<b>24.6</b>	<b>72.4</b>	<b>0.011</b>	<b>0.8</b>
Vaal River Surface	Proved	5.0	0.78	3.9	5.5	0.023	0.1
	Probable	108.8	0.65	70.7	119.9	0.019	2.3
	<b>Total</b>	<b>113.8</b>	<b>0.66</b>	<b>74.6</b>	<b>125.4</b>	<b>0.019</b>	<b>2.4</b>
West Wits Surface	Proved	–	–	–	–	–	–
	Probable	–	–	–	–	–	–
	<b>Total</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>
<b>East &amp; West Africa</b>							
Geita (50%)	Proved	15.4	3.67	56.5	17.0	0.107	1.8
	Probable	19.8	4.55	90.2	21.8	0.133	2.9
	<b>Total</b>	<b>35.2</b>	<b>4.16</b>	<b>146.7</b>	<b>38.8</b>	<b>0.121</b>	<b>4.7</b>
Morila (40%)	Proved	1.9	6.23	11.6	2.1	0.182	0.4
	Probable	9.2	4.42	40.8	10.1	0.129	1.3
	<b>Total</b>	<b>11.1</b>	<b>4.72</b>	<b>52.5</b>	<b>12.2</b>	<b>0.138</b>	<b>1.7</b>
Navachab	Proved	1.2	1.40	1.7	1.3	0.041	0.1
	Probable	9.6	1.87	17.9	10.6	0.055	0.6
	<b>Total</b>	<b>10.8</b>	<b>1.81</b>	<b>19.6</b>	<b>11.9</b>	<b>0.053</b>	<b>0.6</b>
Sadiola (38%)	Proved	2.4	1.82	4.4	2.6	0.053	0.1
	Probable	9.7	3.23	31.3	10.7	0.094	1.0
	<b>Total</b>	<b>12.1</b>	<b>2.95</b>	<b>35.7</b>	<b>13.3</b>	<b>0.086</b>	<b>1.1</b>
Yatela (40%)	Proved	0.6	1.49	0.9	0.7	0.043	–
	Probable	4.0	3.77	15.1	4.4	0.110	0.5
	<b>Total</b>	<b>4.6</b>	<b>3.49</b>	<b>15.9</b>	<b>5.1</b>	<b>0.102</b>	<b>0.5</b>

# Ore Reserves by operation (attributable)

## (continued)

as at 31 December 2002

Mine	Category	METRIC			IMPERIAL		
		Tonnes Mt	Grade g/t	Contained gold t	Tons Mt	Grade oz/t	Contained gold Moz
<b>South America</b>							
Amapari***	Proved	3.3	2.15	7.2	3.6	0.063	0.2
	Probable	6.5	2.12	13.8	7.2	0.062	0.4
	<b>Total</b>	<b>9.8</b>	<b>2.13</b>	<b>21.0</b>	<b>10.8</b>	<b>0.062</b>	<b>0.7</b>
Cerro Vanguardia (92.5%)	Proved	8.1	7.48	60.8	8.9	0.218	2.0
	Probable	0.7	10.15	6.8	0.8	0.296	0.2
	<b>Total</b>	<b>8.8</b>	<b>7.68</b>	<b>67.7</b>	<b>9.7</b>	<b>0.224</b>	<b>2.2</b>
Morro Velho	Proved	2.4	6.91	16.7	2.6	0.201	0.5
	Probable	5.0	7.52	37.5	5.5	0.219	1.2
	<b>Total</b>	<b>7.4</b>	<b>7.32</b>	<b>54.2</b>	<b>8.2</b>	<b>0.213</b>	<b>1.7</b>
Serra Grande (50%)	Proved	1.4	7.46	10.7	1.5	0.218	0.3
	Probable	0.5	8.01	4.2	0.6	0.234	0.1
	<b>Total</b>	<b>2.0</b>	<b>7.61</b>	<b>15.0</b>	<b>2.2</b>	<b>0.222</b>	<b>0.5</b>
<b>North America</b>							
Cripple Creek & Victor	Proved	57.4	1.26	72.2	63.3	0.037	2.3
	Probable	68.3	0.90	61.6	75.3	0.026	2.0
	<b>Total</b>	<b>125.7</b>	<b>1.06</b>	<b>133.8</b>	<b>138.6</b>	<b>0.031</b>	<b>4.3</b>
Jerritt Canyon (70%)	Proved	0.4	12.84	5.5	0.5	0.375	0.2
	Probable	1.1	6.31	7.2	1.3	0.184	0.2
	<b>Total</b>	<b>1.6</b>	<b>8.08</b>	<b>12.6</b>	<b>1.7</b>	<b>0.236</b>	<b>0.4</b>
<b>Australia</b>							
Boddington (33.33%)†	Proved	41.5	0.94	39.0	45.7	0.027	1.3
	Probable	88.4	0.84	74.3	97.4	0.024	2.4
	<b>Total</b>	<b>129.9</b>	<b>0.87</b>	<b>113.3</b>	<b>143.2</b>	<b>0.025</b>	<b>3.6</b>
Coyote	Proved	–	–	–	–	–	–
	Probable	–	–	–	–	–	–
	<b>Total</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>
Sunrise Dam	Proved	6.9	4.31	29.8	7.6	0.126	1.0
	Probable	10.1	4.99	50.4	11.1	0.146	1.6
	<b>Total</b>	<b>17.0</b>	<b>4.71</b>	<b>80.2</b>	<b>18.7</b>	<b>0.137</b>	<b>2.6</b>
Tanami (40%)	Proved	–	–	–	–	–	–
	Probable	–	–	–	–	–	–
	<b>Total</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>–</b>
Union Reefs	Proved	0.6	1.64	0.9	0.7	0.048	–
	Probable	1.9	0.90	1.7	2.1	0.026	0.1
	<b>Total</b>	<b>2.5</b>	<b>1.07</b>	<b>2.6</b>	<b>2.8</b>	<b>0.031</b>	<b>0.1</b>

\* Excludes the Free State mines, which were sold to Harmony JV effective from 1 January 2002.

\*\* The southerly down-dip extension of Mponeng, Elandsrand (Harmony) and Driefontein (Gold Fields Limited), with depths to reef exceeding 5,000 metres in the south.

\*\*\* An advanced exploration project within the Amazon Basin of northern Brazil.

† The reserves associated with the Boddington Expansion have been based on the Feasibility Study completed in 2000 and assume a gold price of A\$425/oz.

NB: Rounding of figures may result in computational discrepancies.

# Mineral Resources by operation (attributable)

as at 31 December 2002 (inclusive of Ore Reserve component)

Mine	Category	METRIC			IMPERIAL		
		Tonnes Mt	Grade g/t	Contained gold t	Tons Mt	Grade oz/t	Contained gold Moz
<b>South Africa*</b>							
Great Noligwa	Measured	8.6	17.28	149.2	9.5	0.504	4.8
	Indicated	18.3	18.33	334.7	20.2	0.534	10.8
	Inferred	6.7	13.14	87.4	7.4	0.383	2.8
	<b>Total</b>	<b>33.6</b>	<b>17.03</b>	<b>571.4</b>	<b>37.0</b>	<b>0.497</b>	<b>18.4</b>
Kopanang	Measured	3.7	17.15	63.8	4.1	0.500	2.1
	Indicated	16.9	19.11	323.4	18.6	0.557	10.4
	Inferred	3.9	18.61	72.9	4.3	0.543	2.3
	<b>Total</b>	<b>24.6</b>	<b>18.73</b>	<b>460.1</b>	<b>27.1</b>	<b>0.546</b>	<b>14.8</b>
Moab Khotsong	Measured	–	–	–	–	–	–
	Indicated	12.4	29.37	365.5	13.7	0.857	11.8
	Inferred	1.2	29.01	33.6	1.3	0.846	1.1
	<b>Total</b>	<b>13.6</b>	<b>29.34</b>	<b>399.1</b>	<b>15.0</b>	<b>0.856</b>	<b>12.8</b>
Mponeng	Measured	6.7	10.64	71.3	7.4	0.310	2.3
	Indicated	54.8	12.74	698.2	60.4	0.372	22.4
	Inferred	5.8	10.57	60.9	6.4	0.308	2.0
	<b>Total</b>	<b>67.3</b>	<b>12.35</b>	<b>830.4</b>	<b>74.2</b>	<b>0.360</b>	<b>26.7</b>
Savuka	Measured	3.5	16.00	56.3	3.9	0.467	1.8
	Indicated	18.7	11.69	218.1	20.6	0.341	7.0
	Inferred	–	–	–	–	–	–
	<b>Total</b>	<b>22.2</b>	<b>12.38</b>	<b>274.4</b>	<b>24.5</b>	<b>0.361</b>	<b>8.8</b>
Tau Lekoa	Measured	7.3	6.31	46.2	8.0	0.184	1.5
	Indicated	53.2	4.85	258.0	58.6	0.141	8.3
	Inferred	43.7	5.41	236.4	48.2	0.158	7.6
	<b>Total</b>	<b>104.2</b>	<b>5.19</b>	<b>540.6</b>	<b>114.9</b>	<b>0.151</b>	<b>17.4</b>
TauTona	Measured	2.6	27.79	72.0	2.9	0.810	2.3
	Indicated	17.6	23.32	411.3	19.4	0.680	13.2
	Inferred	0.9	10.98	10.0	1.0	0.320	0.3
	<b>Total</b>	<b>21.1</b>	<b>23.33</b>	<b>493.3</b>	<b>23.3</b>	<b>0.681</b>	<b>15.9</b>
Western Ultra Deep Levels**	Measured	–	–	–	–	–	–
	Indicated	15.6	8.07	125.5	17.2	0.235	4.0
	Inferred	284.1	10.96	3,112.7	313.2	0.320	100.1
	<b>Total</b>	<b>299.6</b>	<b>10.81</b>	<b>3,238.1</b>	<b>330.3</b>	<b>0.315</b>	<b>104.1</b>
Ergo	Measured	254.4	0.33	85.1	280.4	0.010	2.7
	Indicated	–	–	–	–	–	–
	Inferred	–	–	–	–	–	–
	<b>Total</b>	<b>254.4</b>	<b>0.33</b>	<b>85.1</b>	<b>280.4</b>	<b>0.010</b>	<b>2.7</b>
Vaal River Surface	Measured	13.4	0.60	8.1	14.8	0.018	0.3
	Indicated	283.1	0.32	89.7	312.1	0.009	2.9
	Inferred	102.4	0.69	70.5	112.9	0.020	2.3
	<b>Total</b>	<b>398.8</b>	<b>0.42</b>	<b>168.3</b>	<b>439.6</b>	<b>0.012</b>	<b>5.4</b>
West Wits Surface	Measured	–	–	–	–	–	–
	Indicated	157.1	0.26	40.6	173.2	0.008	1.3
	Inferred	14.5	0.55	7.9	16.0	0.016	0.3
	<b>Total</b>	<b>171.6</b>	<b>0.28</b>	<b>48.6</b>	<b>189.2</b>	<b>0.008</b>	<b>1.6</b>

# Mineral Resources by operation (attributable)

## (continued)

as at 31 December 2002 (inclusive of Ore Reserve component)

Mine	Category	METRIC			IMPERIAL		
		Tonnes Mt	Grade g/t	Contained gold t	Tons Mt	Grade oz/t	Contained gold Moz
<b>East &amp; West Africa</b>							
Geita (50%)	Measured	20.1	3.48	70.1	22.2	0.102	2.3
	Indicated	34.0	4.29	145.8	37.5	0.125	4.7
	Inferred	10.6	3.51	37.4	11.7	0.102	1.2
	<b>Total</b>	<b>64.8</b>	<b>3.91</b>	<b>253.3</b>	<b>71.4</b>	<b>0.114</b>	<b>8.1</b>
Morila (40%)	Measured	2.1	5.52	11.8	2.3	0.161	0.4
	Indicated	10.8	4.32	46.6	11.9	0.126	1.5
	Inferred	1.9	3.40	6.5	2.1	0.099	0.2
	<b>Total</b>	<b>14.8</b>	<b>4.37</b>	<b>64.9</b>	<b>16.3</b>	<b>0.128</b>	<b>2.1</b>
Navachab	Measured	8.0	0.79	6.4	8.8	0.023	0.2
	Indicated	42.8	1.33	57.0	47.2	0.039	1.8
	Inferred	76.3	1.05	79.8	84.1	0.031	2.6
	<b>Total</b>	<b>127.1</b>	<b>1.13</b>	<b>143.2</b>	<b>140.1</b>	<b>0.033</b>	<b>4.6</b>
Sadiola (38%)	Measured	6.3	1.78	11.3	6.9	0.052	0.4
	Indicated	13.4	2.59	34.6	14.8	0.076	1.1
	Inferred	52.3	2.18	114.0	57.7	0.064	3.7
	<b>Total</b>	<b>71.9</b>	<b>2.22</b>	<b>159.8</b>	<b>79.3</b>	<b>0.065</b>	<b>5.1</b>
Yatela (40%)	Measured	0.9	1.26	1.1	1.0	0.037	–
	Indicated	6.6	2.72	17.9	7.3	0.079	0.6
	Inferred	3.3	1.37	4.5	3.6	0.040	0.1
	<b>Total</b>	<b>10.8</b>	<b>2.18</b>	<b>23.6</b>	<b>11.9</b>	<b>0.064</b>	<b>0.8</b>
<b>South America</b>							
Amapari***	Measured	4.4	1.89	8.3	4.9	0.055	0.3
	Indicated	7.5	1.98	14.8	8.3	0.058	0.5
	Inferred	8.6	6.13	52.9	9.5	0.179	1.7
	<b>Total</b>	<b>20.5</b>	<b>3.71</b>	<b>76.1</b>	<b>22.6</b>	<b>0.108</b>	<b>2.4</b>
Cerro Vanguardia (92.5%)	Measured	9.8	7.77	75.7	10.8	0.227	2.4
	Indicated	2.0	7.40	14.7	2.2	0.216	0.5
	Inferred	0.2	5.60	0.9	0.2	0.163	–
	<b>Total</b>	<b>11.9</b>	<b>7.68</b>	<b>91.3</b>	<b>13.1</b>	<b>0.224</b>	<b>2.9</b>
Cerro Vanguardia (92.5%) (Heap Leach)	Measured	11.1	0.95	10.5	12.2	0.028	0.3
	Indicated	3.0	0.81	2.4	3.3	0.024	0.1
	Inferred	5.6	1.26	7.1	6.2	0.037	0.2
	<b>Total</b>	<b>19.7</b>	<b>1.02</b>	<b>20.0</b>	<b>21.7</b>	<b>0.030</b>	<b>0.6</b>
Morro Velho	Measured	5.6	6.33	35.3	6.2	0.185	1.1
	Indicated	9.0	7.35	66.4	9.9	0.214	2.1
	Inferred	26.6	7.19	191.5	29.3	0.210	6.2
	<b>Total</b>	<b>41.2</b>	<b>7.11</b>	<b>293.1</b>	<b>45.4</b>	<b>0.207</b>	<b>9.4</b>
Serra Grande (50%)	Measured	1.6	8.17	13.3	1.8	0.238	0.4
	Indicated	0.6	8.40	5.1	0.7	0.245	0.2
	Inferred	1.2	7.93	9.4	1.3	0.231	0.3
	<b>Total</b>	<b>3.4</b>	<b>8.13</b>	<b>27.9</b>	<b>3.7</b>	<b>0.237</b>	<b>0.9</b>



Mine	Category	METRIC			IMPERIAL		
		Tonnes Mt	Grade g/t	Contained gold t	Tons Mt	Grade oz/t	Contained gold Moz
<b>North America</b>							
Cripple Creek & Victor	Measured	84.4	1.15	96.7	93.0	0.033	3.1
	Indicated	103.6	0.86	89.1	114.2	0.025	2.9
	Inferred	66.7	0.99	66.2	73.5	0.029	2.1
	<b>Total</b>	<b>254.7</b>	<b>0.99</b>	<b>252.0</b>	<b>280.7</b>	<b>0.029</b>	<b>8.1</b>
Jerritt Canyon (70%)	Measured	0.7	12.84	9.0	0.8	0.374	0.3
	Indicated	3.7	8.31	31.0	4.1	0.243	1.0
	Inferred	2.5	9.17	22.5	2.7	0.268	0.7
	<b>Total</b>	<b>6.9</b>	<b>9.08</b>	<b>62.5</b>	<b>7.6</b>	<b>0.265</b>	<b>2.0</b>
<b>Australia</b>							
Boddington (33.33%)	Measured	43.0	0.93	40.1	47.4	0.027	1.3
	Indicated	123.0	0.83	102.3	135.6	0.024	3.3
	Inferred	76.2	0.81	61.3	84.0	0.023	2.0
	<b>Total</b>	<b>242.2</b>	<b>0.84</b>	<b>203.8</b>	<b>267.0</b>	<b>0.025</b>	<b>6.6</b>
Coyote	Measured	–	–	–	–	–	–
	Indicated	–	–	–	–	–	–
	Inferred	1.3	6.89	9.1	1.4	0.201	0.3
	<b>Total</b>	<b>1.3</b>	<b>6.89</b>	<b>9.1</b>	<b>1.4</b>	<b>0.201</b>	<b>0.3</b>
Sunrise Dam	Measured	16.2	2.62	42.5	17.9	0.076	1.4
	Indicated	17.4	3.85	67.2	19.2	0.112	2.2
	Inferred	10.8	3.08	33.1	11.9	0.090	1.1
	<b>Total</b>	<b>44.4</b>	<b>3.22</b>	<b>142.8</b>	<b>48.9</b>	<b>0.094</b>	<b>4.6</b>
Tanami (40%)	Measured	1.3	2.11	2.8	1.4	0.062	0.1
	Indicated	0.9	3.48	3.2	1.0	0.101	0.1
	Inferred	0.1	4.27	0.4	0.1	0.125	–
	<b>Total</b>	<b>2.3</b>	<b>2.73</b>	<b>6.4</b>	<b>2.5</b>	<b>0.080</b>	<b>0.2</b>
Union Reefs	Measured	0.6	1.65	1.0	0.7	0.048	–
	Indicated	2.1	1.06	2.2	2.3	0.031	0.1
	Inferred	1.4	1.65	2.3	1.5	0.048	0.1
	<b>Total</b>	<b>4.1</b>	<b>1.35</b>	<b>5.5</b>	<b>4.5</b>	<b>0.039</b>	<b>0.2</b>

\* Excludes the Free State mines, which were sold to Harmony JV effective from 1 January 2002.

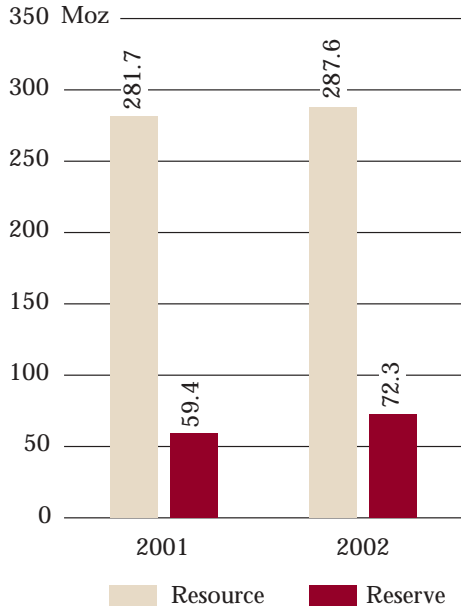
\*\* The southerly down-dip extension of Mponeng, Elandsrand (Harmony) and Driefontein (Gold Fields Limited), with resources limited to 5,000 metres in the south.

\*\*\* An advanced exploration project within the Amazon Basin of northern Brazil.

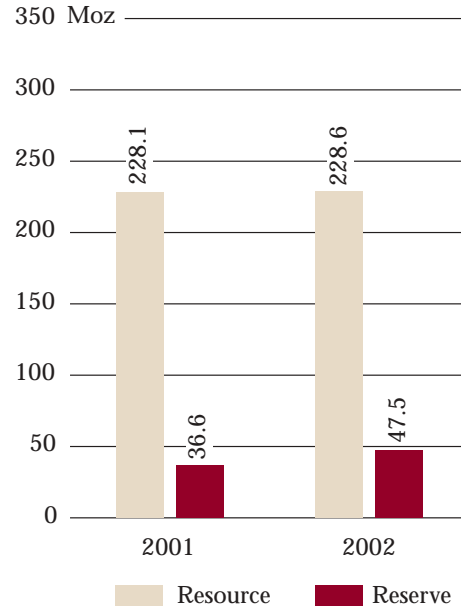
NB: Rounding of figures may result in computational discrepancies.

# Year-on-year Reserve and Resource changes as at 31 December 2002

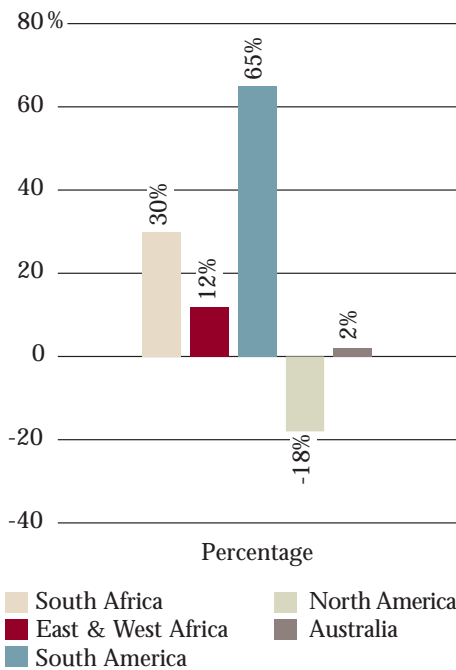
AngloGold Mineral Resources and Ore Reserves



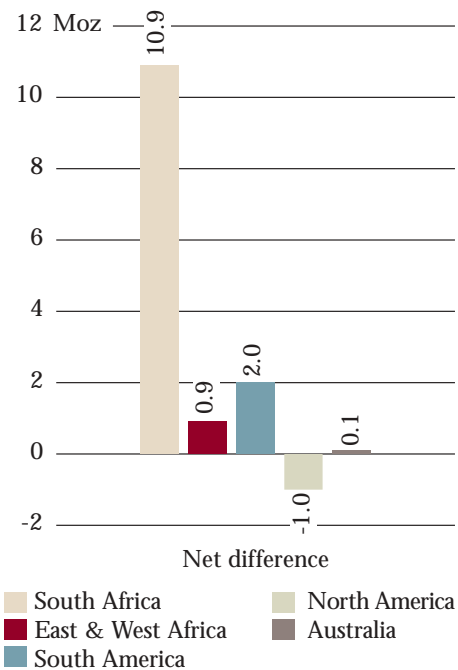
South Africa Mineral Resources and Ore Reserves



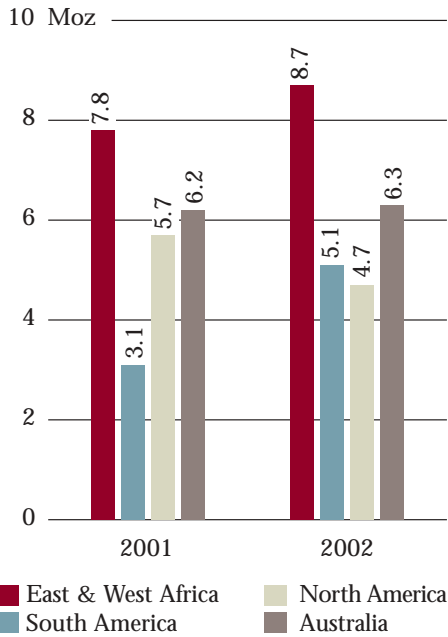
AngloGold Reserves % change



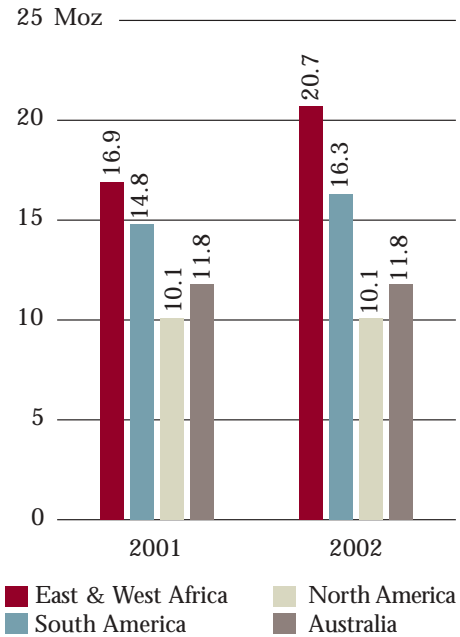
AngloGold Reserves Moz change



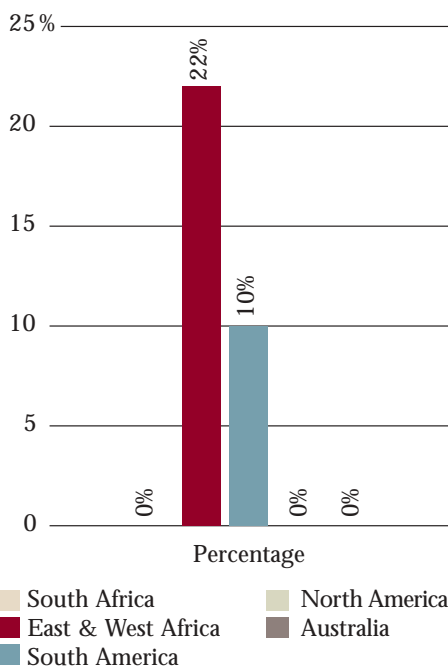
**AngloGold Reserves (excluding South Africa)**



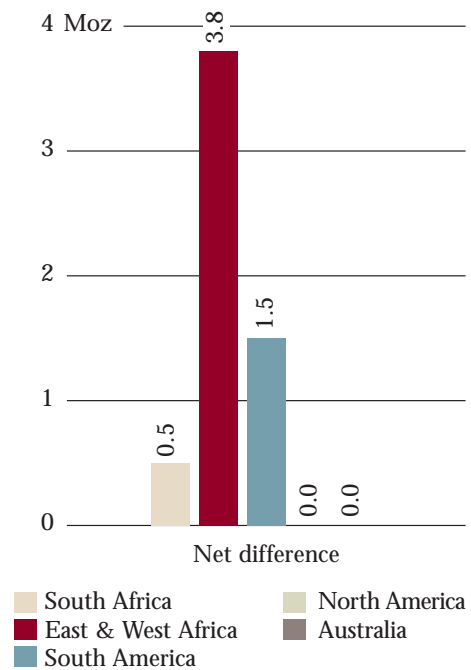
**AngloGold Resources (excluding South Africa)**



**AngloGold Resources % change**



**AngloGold Resources Moz change**



# Year-on-year Resource and Reserve comparison by operation

as at 31 December 2002

Operation	Category	2001	Depletion*	Gold content (attributable) Moz		2002	Net diff	%
				Model change**	Scope change***			
<b>South Africa</b>								
Great Noligwa	Resource	18.9	-1.3	0.7		18.4	-0.5	-3
	Reserve	8.5	-0.9		-0.6	6.9	-1.6	-19
Kopanang	Resource	14.0	-0.7	1.5		14.8	0.8	6
	Reserve	5.6	-0.5	0.9		6.0	0.4	7
Moab Khotsong	Resource	11.8	0.0	1.0		12.8	1.0	8
	Reserve	4.7	0.0	-0.3	4.6	9.0	4.3	91
Mponeng	Resource	29.3	-0.5	-0.9	-1.2	26.7	-2.6	-9
	Reserve	4.9	-0.5	0.7	4.4	9.5	4.6	94
Savuka	Resource	8.5	-0.3	0.6		8.8	0.3	4
	Reserve	1.5	-0.2	1.4		2.7	1.2	80
Tau Lekoa	Resource	13.7	-0.4	-0.2	4.2	17.4	3.7	27
	Reserve	3.2	-0.3	1.0		3.9	0.7	22
TauTona	Resource	17.3	-0.8	-1.8	1.2	15.9	-1.4	-8
	Reserve	5.5	-0.6	1.9	-0.5	6.3	0.8	15
WUDL	Resource	104.4	0.0	-0.3		104.1	-0.3	0
	Reserve	0.0	0.0			0.0	0.0	0
Surface	Resource	10.2	-0.6	0.1		9.7	-0.5	-5
	Reserve	2.7	-0.5	1.8	-0.7	3.2	0.5	19
<b>Totals</b>	<b>Resource</b>	<b>228.1</b>	<b>-4.6</b>	<b>0.7</b>	<b>4.2</b>	<b>228.6</b>	<b>0.5</b>	<b>0</b>
	<b>Reserve</b>	<b>36.6</b>	<b>-3.5</b>	<b>7.4</b>	<b>7.2</b>	<b>47.5</b>	<b>10.9</b>	<b>30</b>
<b>East &amp; West Africa</b>								
Geita	Resource	7.3	-0.3	1.4	-0.2	8.1	0.8	11
	Reserve	3.9	-0.3	0.9	0.2	4.7	0.8	21
Morila	Resource	2.4	-0.4	0.1		2.1	-0.3	-13
	Reserve	1.7	-0.5	0.2	0.3	1.7	0.0	0
Navachab	Resource	2.8	-0.1	0.3	1.6	4.6	1.8	64
	Reserve	0.2	-0.1		0.4	0.6	0.4	200
Sadiola	Resource	3.6	-0.2	1.3	0.5	5.1	1.5	42
	Reserve	1.4	-0.2		-0.1	1.1	-0.3	-21
Yatela	Resource	0.8	-0.1			0.8	0.0	0
	Reserve	0.6	-0.1	0.1		0.5	-0.1	-17
<b>Totals</b>	<b>Resource</b>	<b>16.9</b>	<b>-1.1</b>	<b>3.1</b>	<b>1.9</b>	<b>20.7</b>	<b>3.8</b>	<b>22</b>
	<b>Reserve</b>	<b>7.8</b>	<b>-1.2</b>	<b>1.2</b>	<b>0.8</b>	<b>8.7</b>	<b>0.9</b>	<b>12</b>

## Comments

Exclusion of old safety pillars from the Mineral Resource and structural gain.  
The shaft pillar and other pillars planned in the 2002 Business Plan were excluded from the 2003 Business Plan. This, coupled with a lower Mine Call Factor, resulted in the loss.

Increase due to reduced structural discounts and facies/value change.  
Increase due to higher gold values, a reduction in geological discounts and two years longer life.

Structural gains and facies/palimpsestic reconstruction change.  
A slight drop in value resulted in the reduction of reserves for the Upper Mine (Phase 1). Higher gold prices allowed for the inclusion of the Lower Mine (Phase 2) which explains the net increase.

Reduction in area due to transfers to TauTona and exclusion from the Mineral Resource of low grade material (VCR).  
The increase in the volume and gold values as well as the inclusion of Carbon Leader Reef and VCR below 120 has resulted in the higher reserve figure for 2003.

Increase in value due to facies change.  
Increase due to higher gold values as well as a longer life due to improvements in mine design.

New borehole information, facies change and the inclusion of Goedgenoeg resources.  
A significant increase in area (four years additional life) was offset by a reduced grade.

Increase in area (transfer from Mponeng) offset by a write off of low grade VCR from the Mineral Resource.  
Lower gold values were off-set by the inclusion of additional reserves below 120 level (significantly extending the life).

Increased geological discount factor used.

Depletion and re-estimation of some dumps.  
Increase due to the re-estimation showing higher grades as well as an extension of life.

Exploration success more than replaced depletion.  
Increased drilling at Nyankanga & Geita Hill; redesign Lone Cone; additional pits.

Exploration information and remodelling.  
Depletions offset gains in higher grade areas (0.15Moz).

Scope change due to effect of exchange rate.  
Additions due to approval of Eastern Pushback expansion.

Deep sulphide exploration success.  
108% minecall factor no longer included.

Increased resource at Alamoutala.  
Depletions offset by inclusion of Alamoutala.

# Year-on-year Resource and Reserve comparison by operation (continued)

as at 31 December 2002

Operation	Category	2001	Depletion*	Gold content (attributable) Moz		2002	Net diff	%
				Model change**	Scope change***			
<b>South America</b>								
Amapari	Resource	2.6	0.0	-0.2		2.4	-0.2	-8
	Reserve	0.0	0.0		0.7	0.7	0.7	0
Cerro Vanguardia	Resource	1.6	-0.3	0.2	2.1	3.5	1.9	119
	Reserve	1.1	-0.2	0.1	1.1	2.2	1.1	100
Morro Velho	Resource	9.6	-0.2	-0.2	0.2	9.4	-0.2	-2
	Reserve	1.5	-0.2	0.5		1.7	0.2	13
Serra Grande	Resource	1.0	-0.2	0.1		0.9	-0.1	-10
	Reserve	0.5	-0.1	0.1		0.5	0.0	0
<b>Totals</b>	<b>Resource</b>	<b>14.8</b>	<b>-0.7</b>	<b>-0.1</b>	<b>2.3</b>	<b>16.3</b>	<b>1.5</b>	<b>10</b>
	<b>Reserve</b>	<b>3.1</b>	<b>-0.5</b>	<b>0.7</b>	<b>1.8</b>	<b>5.1</b>	<b>2.0</b>	<b>65</b>
<b>North America</b>								
Cripple Creek & Victor	Resource	8.0	-0.9	1.0		8.1	0.1	1
	Reserve	5.0	-0.5	-0.2		4.3	-0.7	-14
Jerritt Canyon	Resource	2.1	-0.2	0.1		2.0	-0.1	-5
	Reserve	0.7	-0.3			0.4	-0.3	-43
<b>Totals</b>	<b>Resource</b>	<b>10.1</b>	<b>-1.1</b>	<b>1.1</b>	<b>0.0</b>	<b>10.1</b>	<b>0.0</b>	<b>0</b>
	<b>Reserve</b>	<b>5.7</b>	<b>-0.8</b>	<b>-0.2</b>	<b>0.0</b>	<b>4.7</b>	<b>-1.0</b>	<b>-18</b>
<b>Australia</b>								
Boddington	Resource	6.8	0.0		-0.3	6.6	-0.2	-3
	Reserve	3.6	0.0			3.6	0.0	0
Coyote	Resource	0.0	0.0	0.3		0.3	0.3	n/a
	Reserve	0.0	0.0			0.0	0.0	n/a
Sunrise Dam	Resource	4.5	-0.5	0.4	0.2	4.6	0.1	2
	Reserve	2.4	-0.4	0.1	0.5	2.6	0.2	8
Tanami	Resource	0.2	0.0			0.2	0.0	0
	Reserve	0.0	0.0			0.0	0.0	n/a
Union Reefs	Resource	0.3	-0.1			0.2	-0.1	-33
	Reserve	0.1	-0.1		0.1	0.1	0.0	0
<b>Totals</b>	<b>Resource</b>	<b>11.8</b>	<b>-0.6</b>	<b>0.7</b>	<b>-0.1</b>	<b>11.8</b>	<b>0.0</b>	<b>0</b>
	<b>Reserve</b>	<b>6.2</b>	<b>-0.5</b>	<b>0.1</b>	<b>0.6</b>	<b>6.3</b>	<b>0.1</b>	<b>2%</b>
<b>AngloGold</b>	<b>Resource</b>	<b>281.7</b>	<b>-2.5</b>	<b>3.7</b>	<b>6.0</b>	<b>287.6</b>	<b>5.9</b>	<b>2</b>
<b>Totals</b>	<b>Reserve</b>	<b>59.4</b>	<b>-2.5</b>	<b>2.5</b>	<b>1.7</b>	<b>72.3</b>	<b>12.9</b>	<b>22</b>

\* Depletion: reduction in reserves based on ore delivered to the plant and corresponding reduction in resource.

\*\* 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.

\*\*\* 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.

### Comments

Revised model.  
Completion of Feasibility Study.

Exploration gains + Equity increased from 46.25 to 92.5%.  
Equity increased from 46.25 to 92.5%.

Inclusion of additional reserves above/below Level 11 at Cuiaba.

Upgrade of inferred resources offsets depletion.

Exploration replaced depletion.  
Normal depletion.

Normal depletion.

Depletion and write off of oxide Mineral Resources.  
Operations ceased; 2001 Wandoo Feasibility Study figures.

Exploration success.

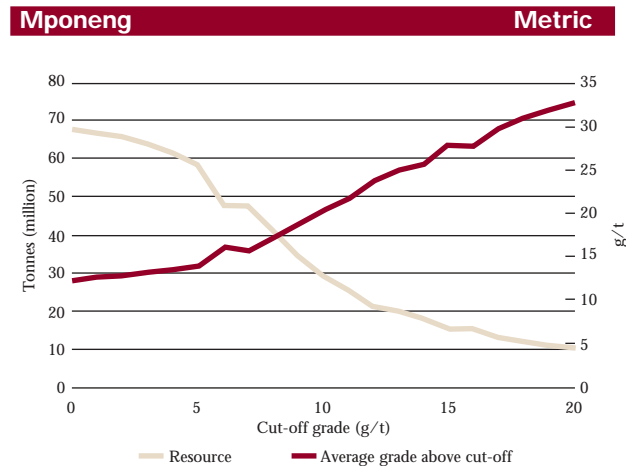
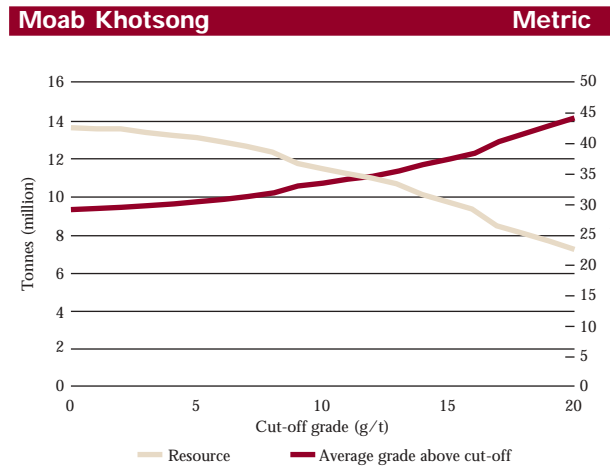
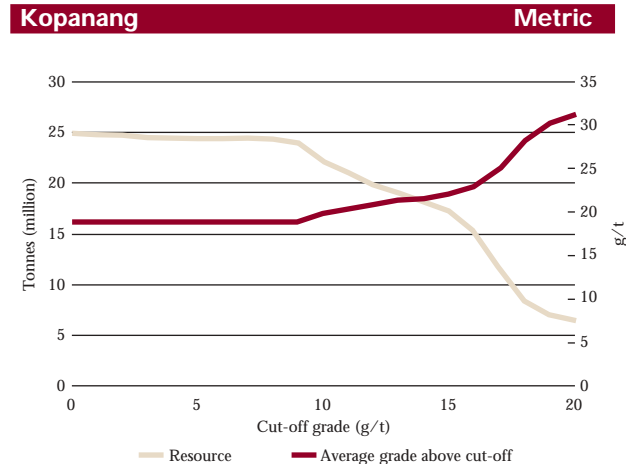
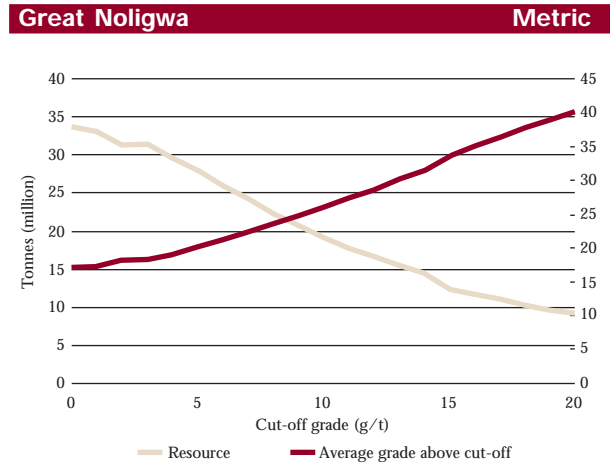
Revised Mineral Resource modelling, purchase of Sunrise Lease.  
Inclusion of underground, Sunrise Lease and reconciliation factors.

No change.

Depletion.  
Additional incremental pits and stockpiles offsets depletion.

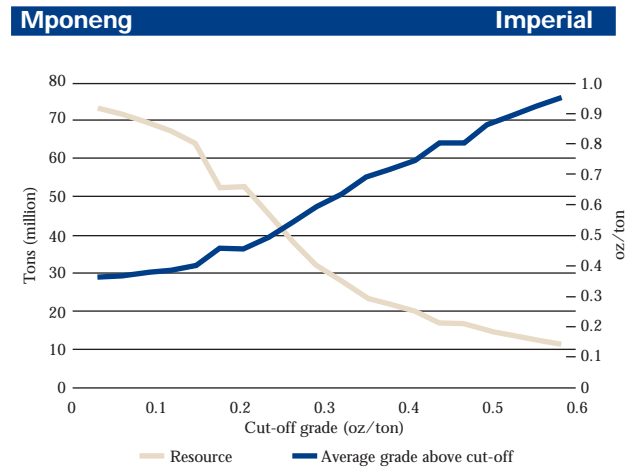
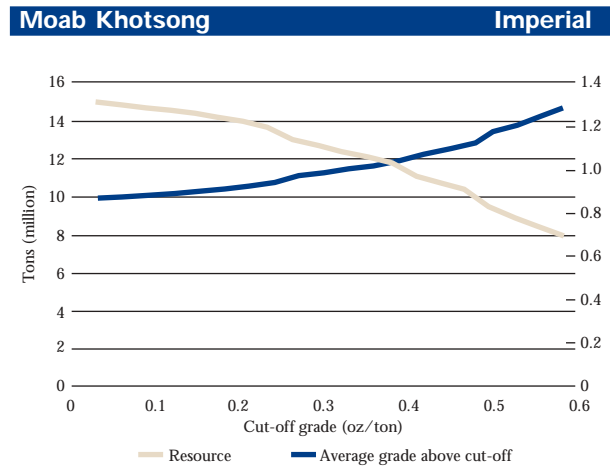
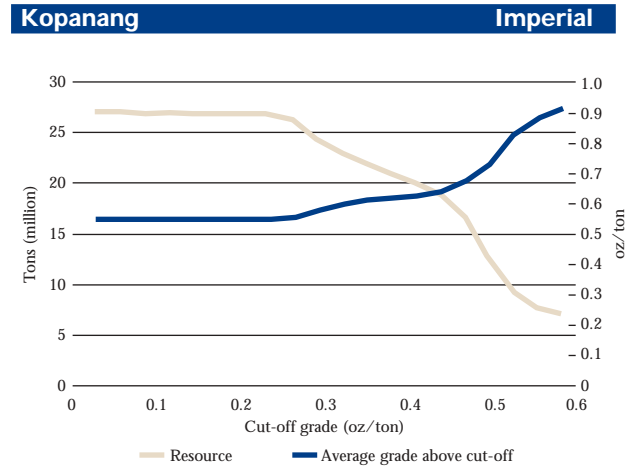
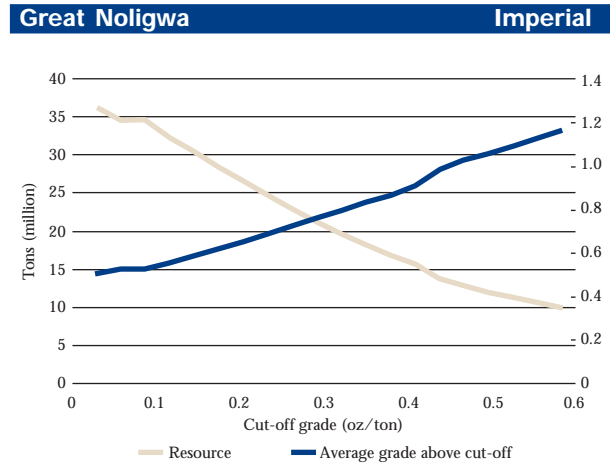
# Grade tonnage curves of the Mineral Resource

## South Africa operations



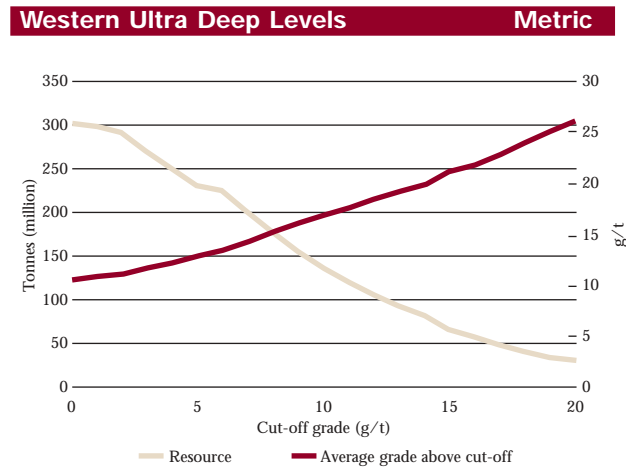
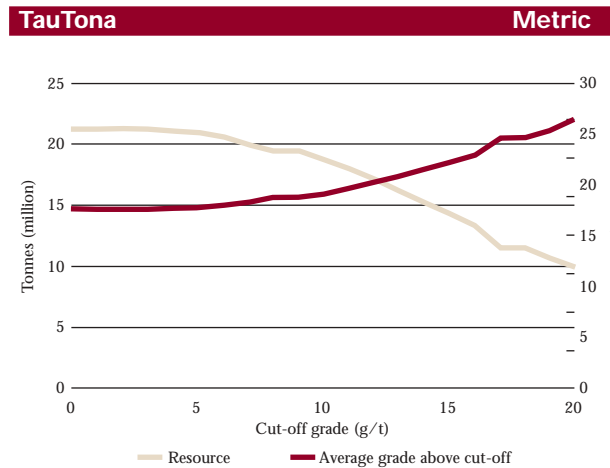
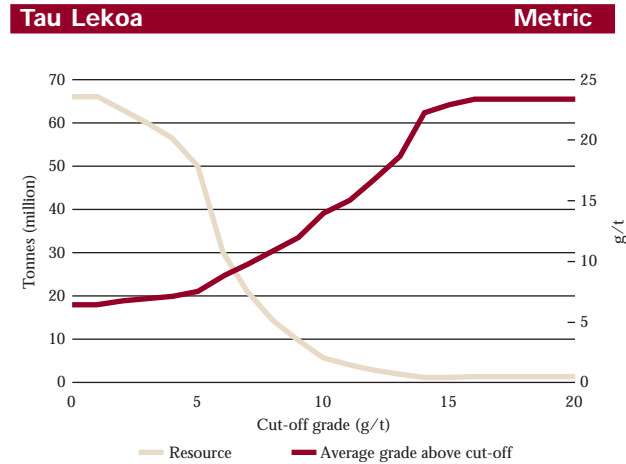
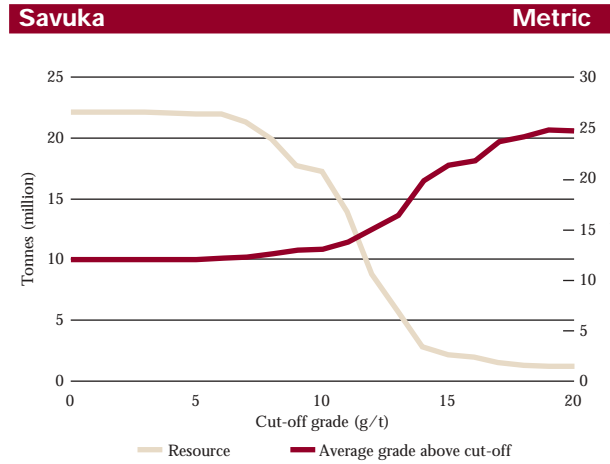


South Africa operations

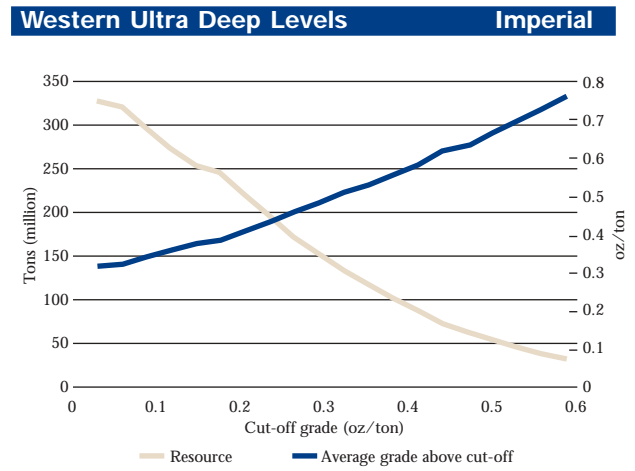
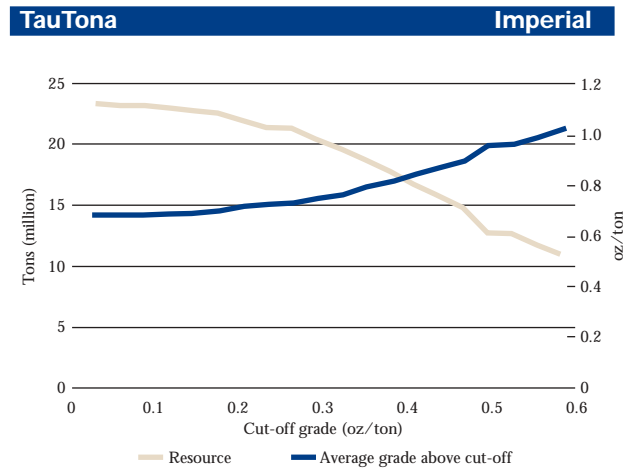
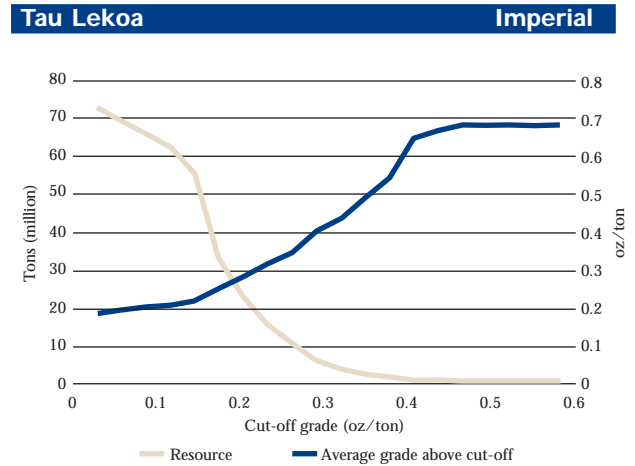
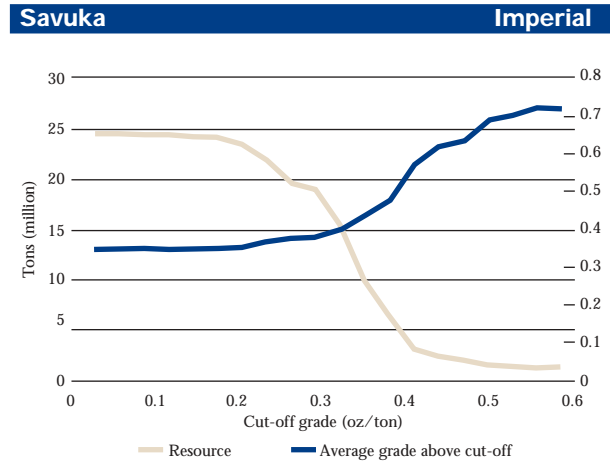


# Grade tonnage curves of the Mineral Resource (continued)

## South Africa operations

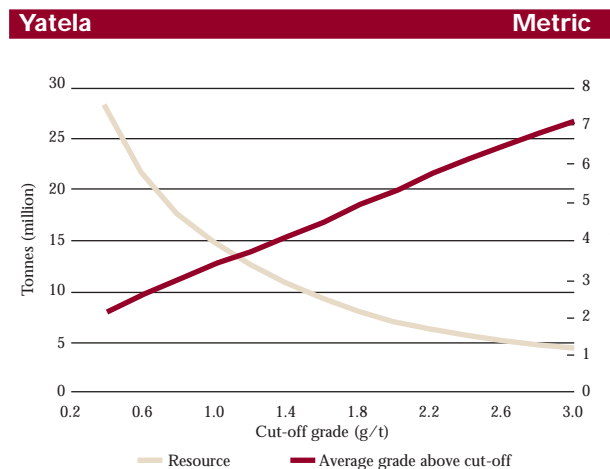
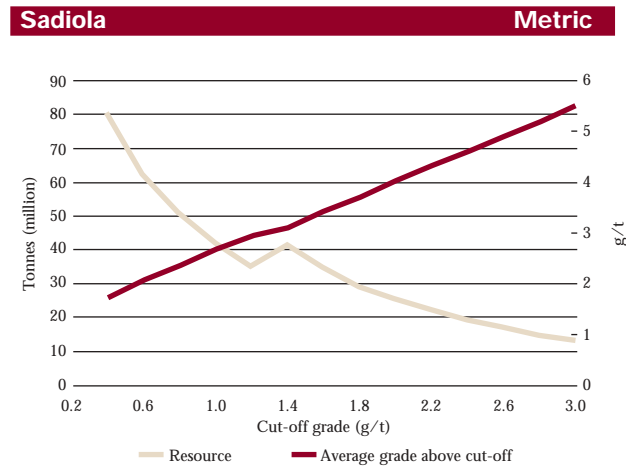
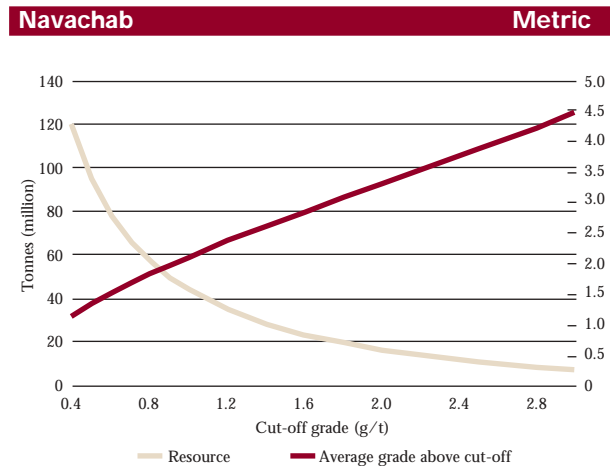
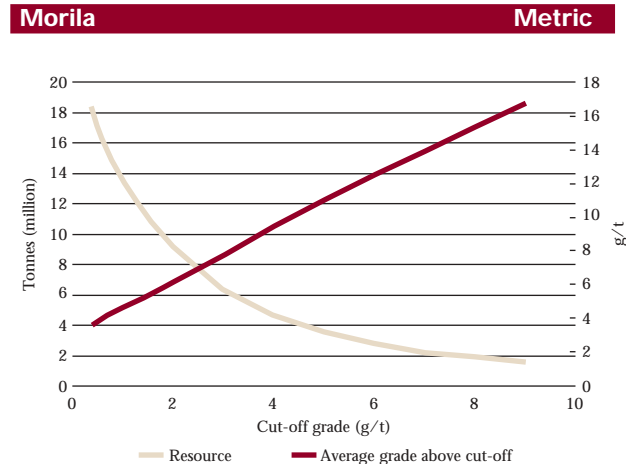
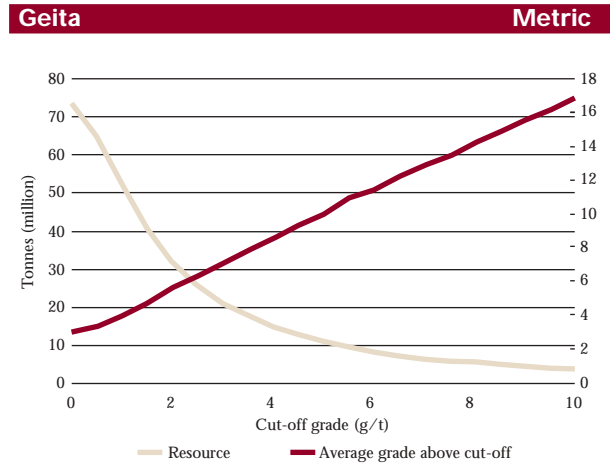


South Africa operations

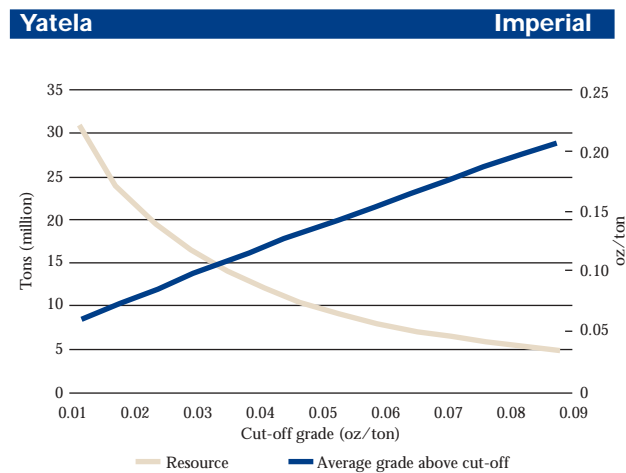
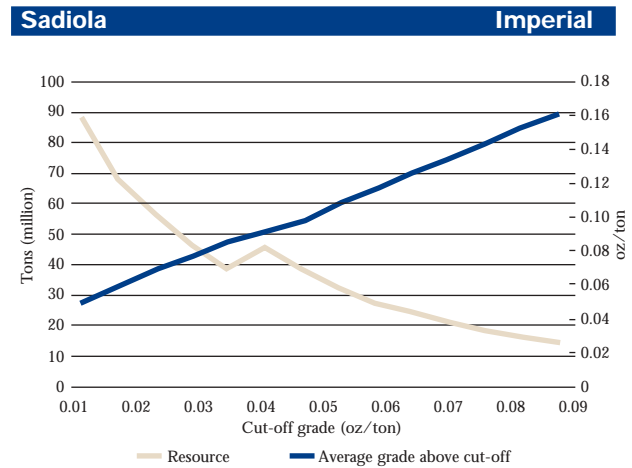
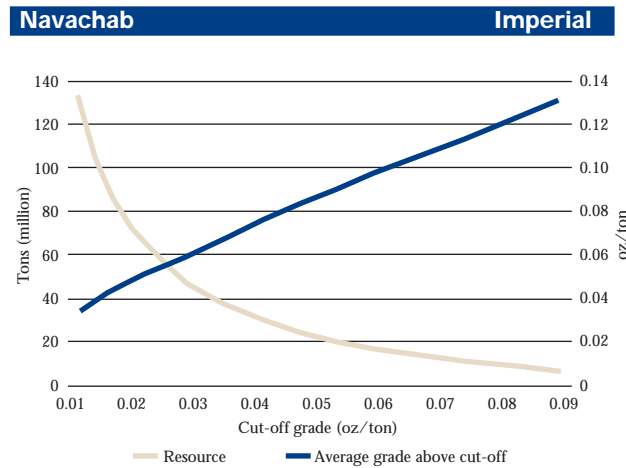
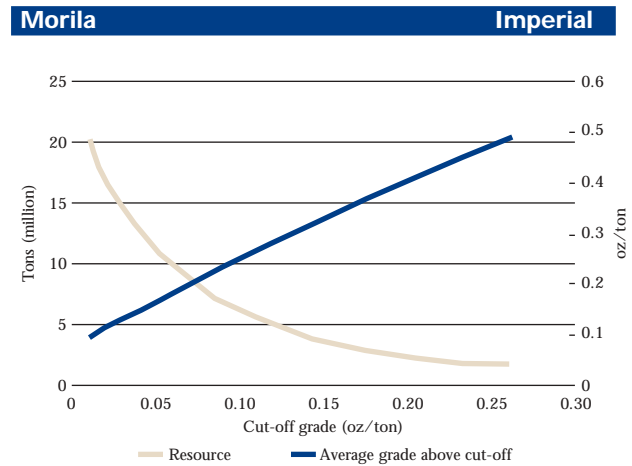
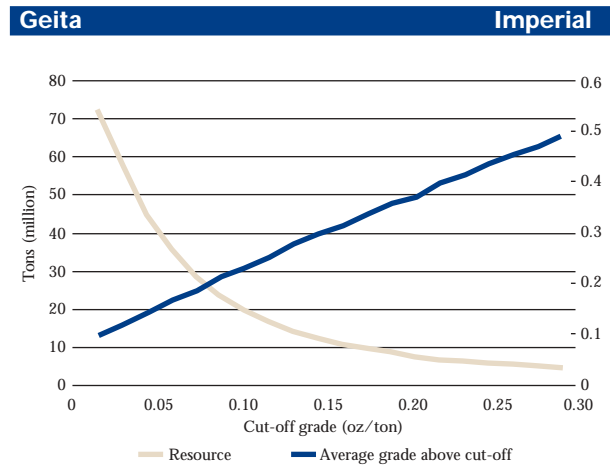


# Grade tonnage curves of the Mineral Resource (continued)

## East & West Africa operations

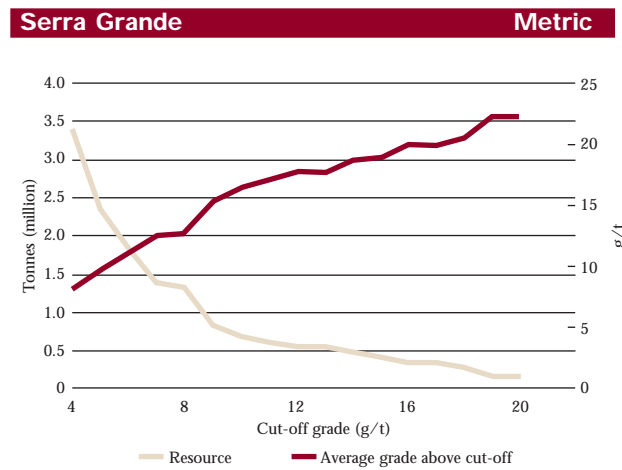
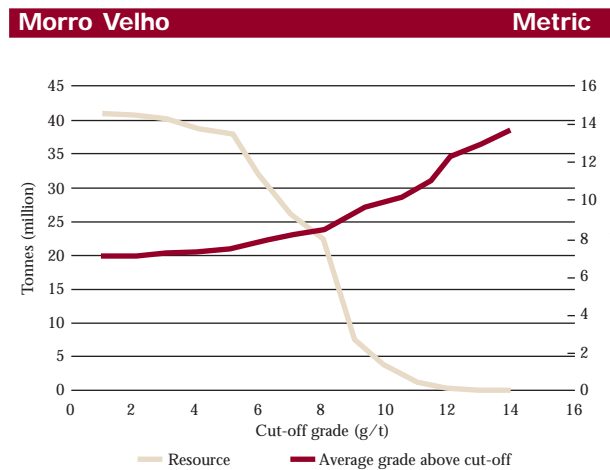
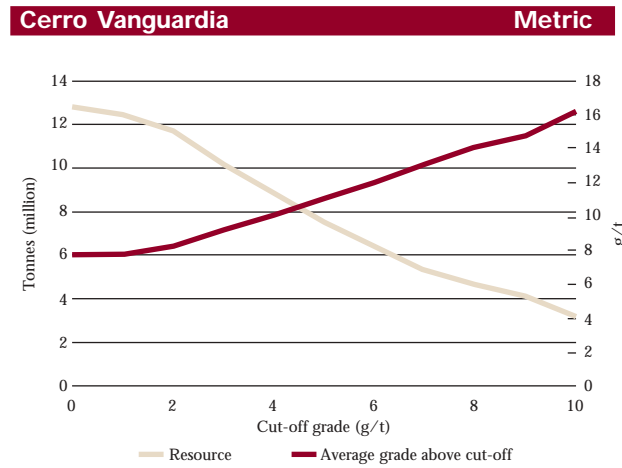
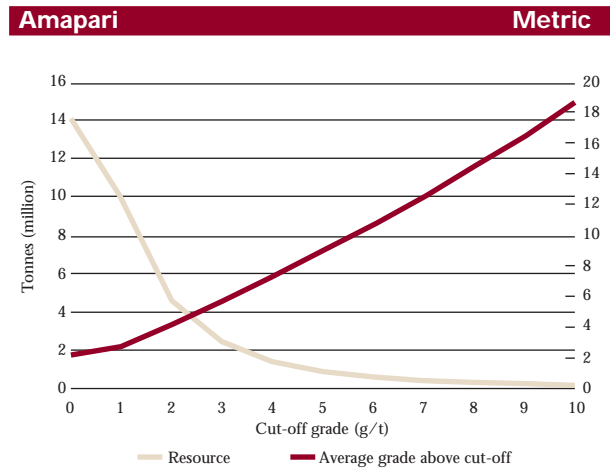


East & West Africa operations

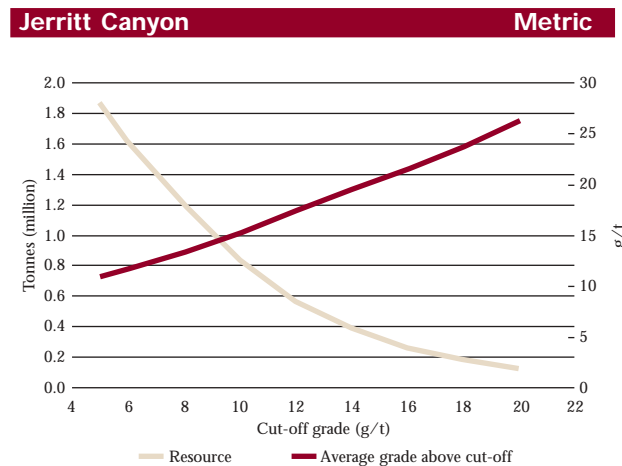
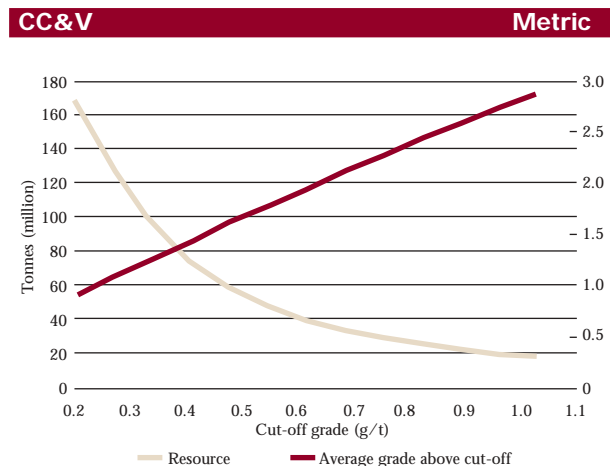


# Grade tonnage curves of the Mineral Resource (continued)

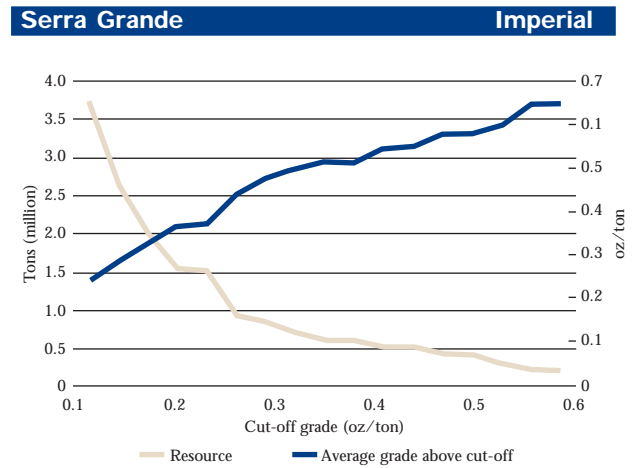
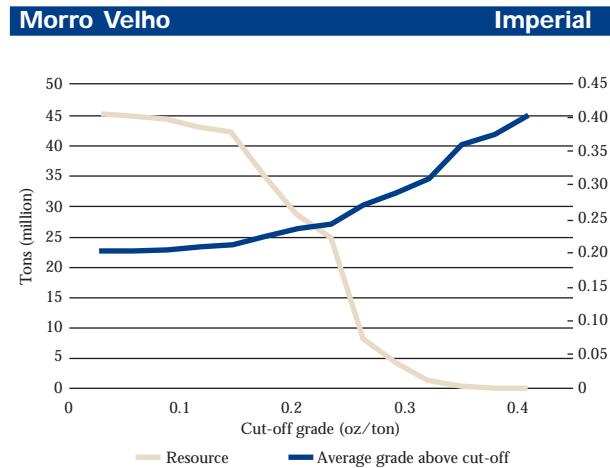
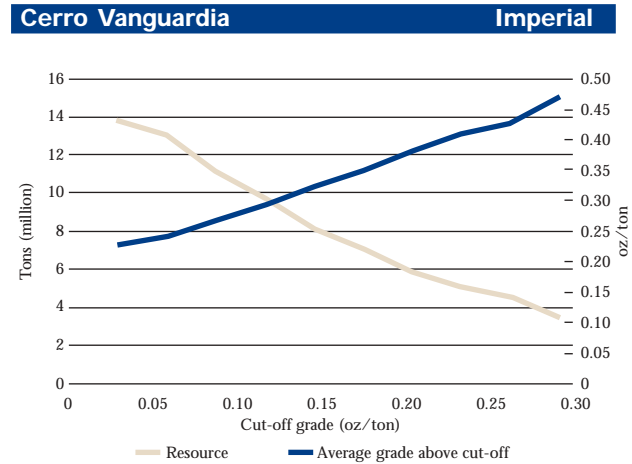
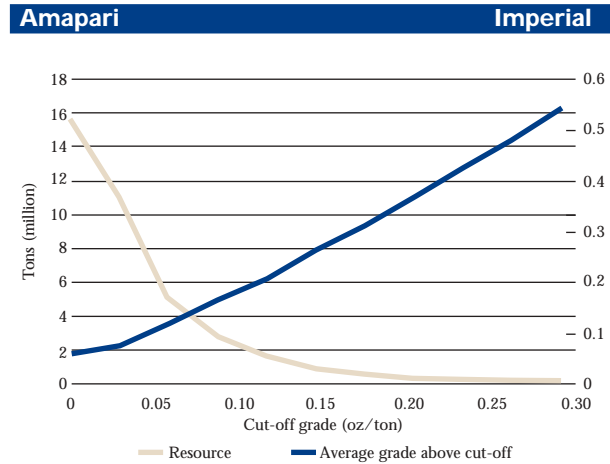
## South America operations



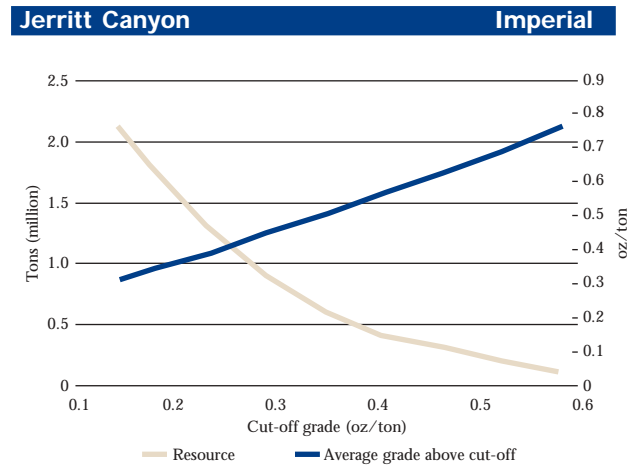
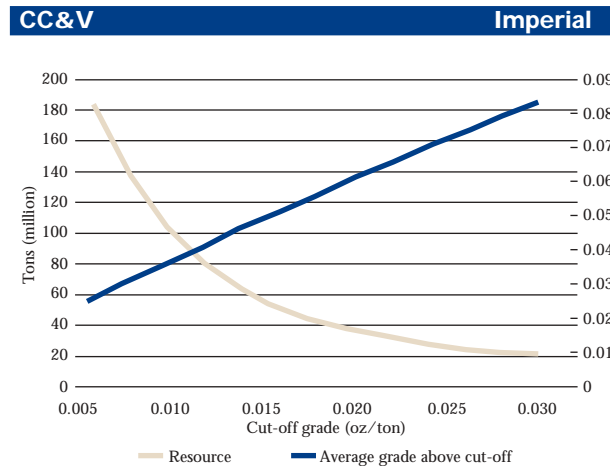
## North American operations



South America operations

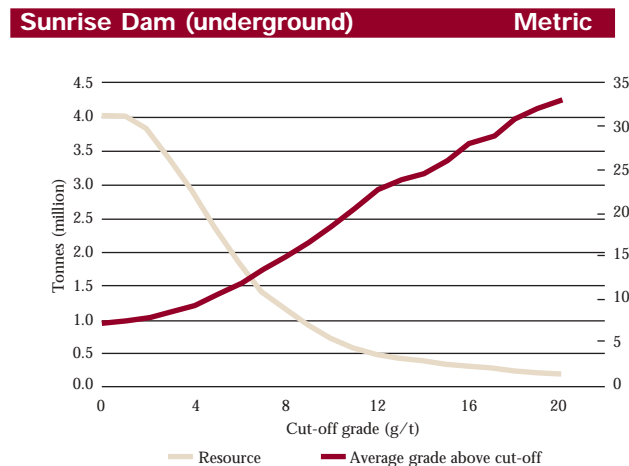
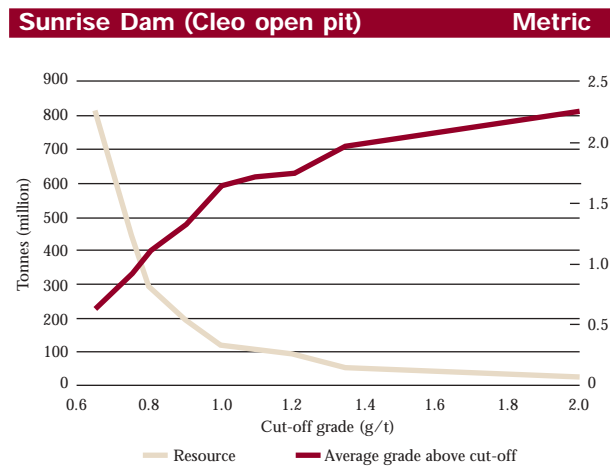
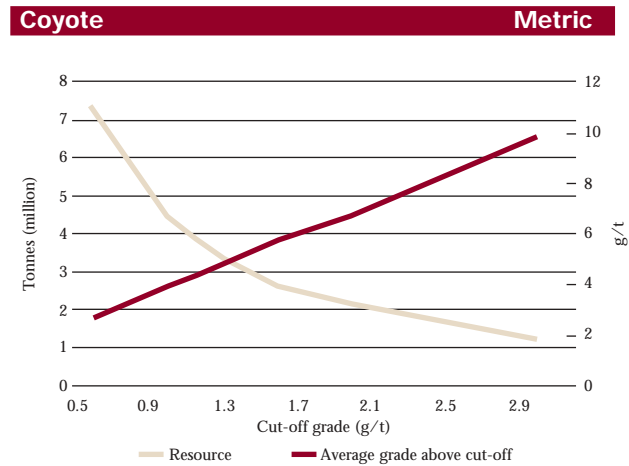
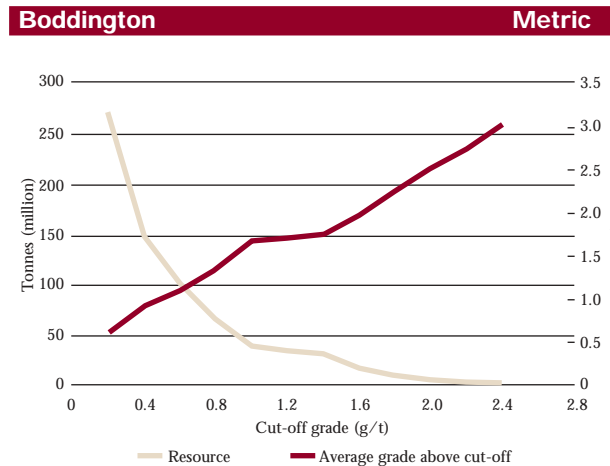


North American operations



# Grade tonnage curves of the Mineral Resource (continued)

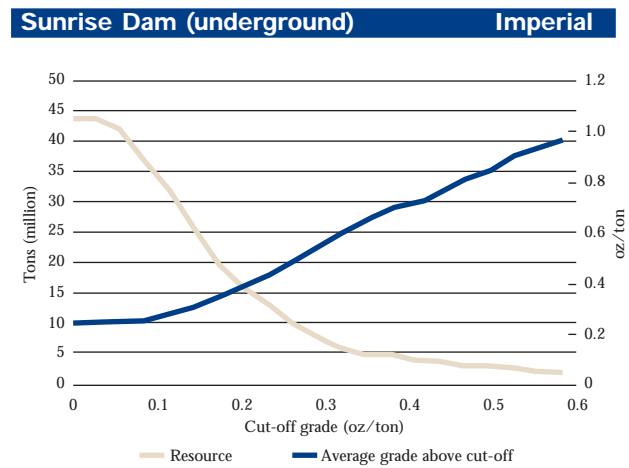
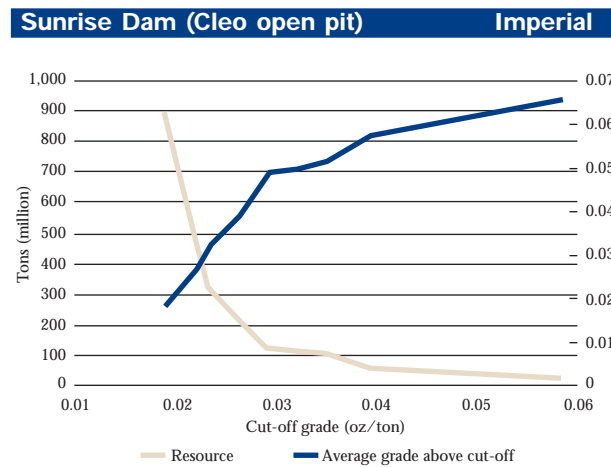
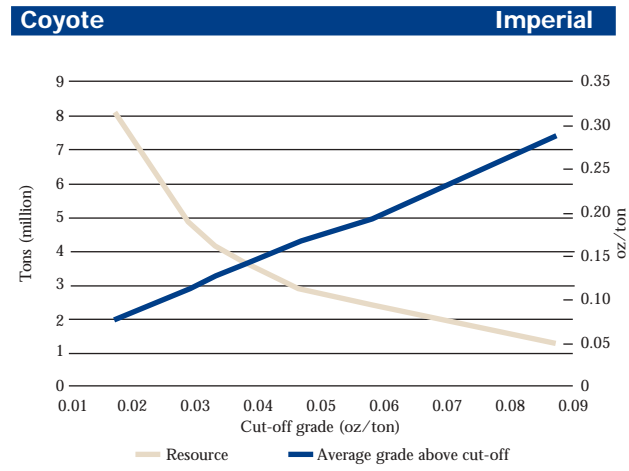
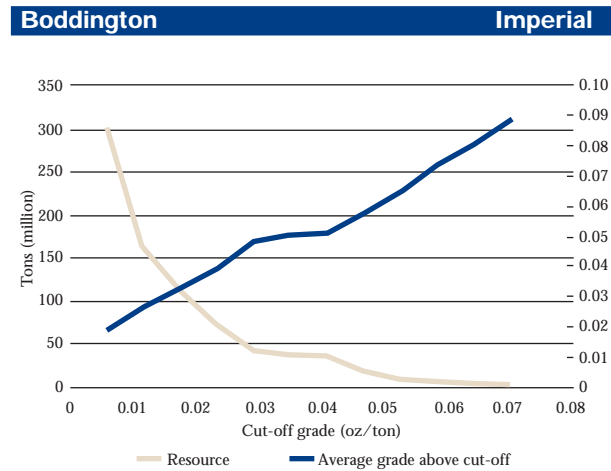
## Australia operations



*Grade Tonnage models for various operations are graphed above. Caution should be exercised when interpreting these graphs as an indication of the ability to 'high grade' (selectively mine) the deposits. The combination of deposit geometry and mining method can often reduce or preclude the option of selective mining. Graph axis limits vary according to the tenor of the gold mineralisation and the type of mining and treatment route followed at any particular operation.*



Australia operations



# Modifying factors

as at 31 December 2002

Mine	Gold Price used US\$/oz	Cut-off grade g/t	Stoping Width cm	Dilution* %	Mine Call Factor** (MCF) %
<b>South Africa</b>					
Great Noligwa	325	10.88	151.7	47	76
Kopanang	325	9.00	100.0	70	69
Moab Khotsong	325	8.46	160.0	30	82
Mponeng	325	4.08	130.0	51	97
Savuka	325	4.39	113.9	49	90
Tau Leko	325	4.00	162.5	23	83
TauTona	325	11.38	95.0	19	90
Western Ultra Deep Levels	n/a				
Ergo	325	n/a	n/a	n/a	n/a
Surface (excl Ergo)	325	n/a	n/a	n/a	n/a
<b>East &amp; West Africa</b>					
Geita	300	1.00-1.53	n/a	13	100
Morila	325	1.40	n/a	10	95
Navachab	325	0.70-0.80	n/a	13	100
Sadiola	325	0.85-1.76	n/a	n/a	100
Yatela	325	0.98-1.86	n/a	n/a	100
<b>South America</b>					
Amapari	325	0.54	n/a	12	90
Cerro Vanguardia	300	2.20	n/a	23	96
Morro Velho	325	1.00 <sup>1</sup> -3.01 <sup>2</sup>	n/a	6	95
Serra Grande	320	3.68-4.70	n/a	5	95
<b>North America</b>					
Cripple Creek & Victor	325	0.35	n/a	n/a	100
Jerritt Canyon	325	6.9-8.6	n/a	0-12	100
<b>Australia</b>					
Boddington <sup>3</sup>	234	0.4	n/a	n/a	n/a
Sunrise Dam	325	0.8-3.0	n/a	n/a	n/a
Union Reefs	308	0.6	n/a	n/a	n/a

\* **Dilution:** The difference between the tonnage broken in stopes and the tonnage milled from underground sources. For example, if for every 100 tonnes broken in stopes the tonnes milled amounts to 132 tonnes, the dilution is 32%.

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

Metallurgical recovery factor %	Comments
96.7	
96.2	
96.0	
97.4	
97.5	
95.5	
97.6	
52.5	No reserves
73.1	
81-95	Cut off grade & recovery vary by ore type and ore source; dilution is modelled.
91	
87-92	Cutoff grade & recovery vary by ore type.
76-95	Cutoff grade & recovery vary by ore type; dilution inherent in resource model estimate
75-85	Cutoff grade & recovery vary by ore type; dilution inherent in resource model estimate
90	
95.6	
92-95.5	<sup>1</sup> Open pit; <sup>2</sup> Underground Cut-off grade of developed orebody
64	Cutoff grade and recovery vary by ore source; average values shown
87.7	Cutoff grade and recovery vary by ore source; average values shown
83-92	<sup>3</sup> The reserves associated with the Boddington Expansion have been based on the feasibility study completed in 2000 and assume a gold price of A\$425/oz
82-95	Cutoff grades and recovery vary by ore type and ore source
93.6	

# Competent persons

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

- H Eybers – BSc (Hons), GDE (Mineral Economics), Pr.Sci.Nat., 16 years experience.
- F J G Putter – BSc (Hons), BCom, Pr.Sci.Nat., 21 years experience.

#### Ore Reserves

- F van Berkel – BSc (Hons), MSc (Exploration Geology), GDE (Mineral Economics), Pr.Sci.Nat., 17 years experience.
- P Enslin – HND (Mineral Resource Management), MSCC, 20 years experience. (2)

### KOPANANG

#### Mineral Resources

- A J Johnston – BSc (Geology), GDE (Mineral Economics), MSc (Engineering), Pr.Sci.Nat., 15 years experience.
- A N Johnson – ND (Survey), HND (Mineral Resource Management), PLATO, 8 years experience. (2)

#### Ore Reserves

- A C De Wet – Government Certificated Mine Surveyor, PLATO, 24 years experience.
- J Oberholzer – Government Certificated Mine Surveyor, PLATO, 13 years experience.

### MOAB KHOTSONG

#### Mineral Resources

- M Biddulph – BSc (Hons), 5 years experience. (1)
- R K Lavery – BSc Eng (Mining Geology), GDE Mining, Pr.Sci.Nat., 20 years experience

#### Ore Reserves

- H A Kruger – HND (Survey), GDE Mining, PLATO, 16 years experience.

### MPONENG

#### Mineral Resources

- D J Kershaw – BSc (Hons)(Mineral Exploitation), Pr.Sci.Nat., MIMM, 23 years experience.
- H Husselman – NHD (Mineral Resource Management), 15 years experience. (2)

#### Ore Reserves

- M W Armstrong – Government Certificated Mine Surveyor, PLATO, 25 years experience.

### SAVUKA

#### Mineral Resources

- R C Booth – BSc (Hons) (Geology), GDE (Mineral Economics), Pr.Sci.Nat., 13 years experience.

#### Ore Reserves

- R C Booth – BSc (Hons) (Geology), GDE (Mineral Economics), Pr.Sci.Nat., 12 years experience.

### TAU LEKOA

#### Mineral Resources

- R Downing – BSc (Hons) (Geology), Pr.Sci.Nat., 15 years experience

#### Ore Reserves

- R Downing – BSc (Hons) (Geology), Pr.Sci.Nat., 15 years experience.
- J Wall – HND (Mine Surveying), PLATO, 12 years experience.
- A van Rhyn – NHD (Mineral Resource Management), PLATO, 8 years experience.

### TAUTONA

#### Mineral Resources

- R Brokken – NHD (Mine Surveying), Government Certificated Surveyor, PLATO, 21 years experience.

#### Ore Reserves

- R Brokken – NHD (Mine Surveying), Government Certificated Surveyor, PLATO, 21 years experience.
- D Andersen – NHD (Mine Surveying), Government Certificated Surveyor, MSc (Mining Economics), PLATO, 23 years experience.

### WESTERN ULTRA DEEP LEVELS

#### Mineral Resources

- P M Rice – NHD (Mineral Resource Management), PLATO, 20 years experience.
- H Husselman – NHD (Mineral Resource Management), 15 years experience. (2)

#### Ore Reserves

- Not applicable

### ERGO

#### Mineral Resources

- R K Lavery – BSc Eng (Mining Geology), GDE Mining, Pr.Sci.Nat., 21 years experience.

#### Ore Reserves

- J vZ Visser – BSc (Mineral Resource Management), PLATO, 16 years experience.

### VAAL RIVER SURFACE

#### Mineral Resources

- R K Lavery – BSc Eng (Mining Geology), GDE Mining, Pr.Sci.Nat., 21 years experience.

### Ore Reserves

- J vZ Visser – BSc (Mineral Resource Management), PLATO, 16 years experience.

### WEST WITS SURFACE

#### Mineral Resources

- R K Lavery – BSc Eng (Mining Geology), GDE Mining, Pr.Sci.Nat., 21 years experience.

#### Ore Reserves

- J vZ Visser – BSc (Mineral Resource Management), PLATO, 16 years experience.

### East & West Africa

#### GEITA

#### Mineral Resources

- R Adofo – BSc (Geology), MSc (Min Expl), MAusIMM, 9 years experience
- J V Hill – BSc (Hons) (Economic Geology), MAusIMM, 17 years experience

#### Ore Reserves

- J Yelland – Dip Mining Survey & R Quarry, MAusIMM, 14 years experience.
- D Purdey – BEng (Mining), MAusIMM, 7 years experience.
- G Addo Ayisi – BSc (Mining), SME, 14 years experience.

#### MORILA

#### Mineral Resources

- Dr J Verbeek – PhD, BSc (Hons) (Geology), MAusIMM, 10 years experience.

#### Ore Reserves

- L J H Fourie – BEng (Pretoria), Pr.Eng. (ECSA), 14yrs experience.

#### NAVACHAB

#### Mineral Resources

- S P Robins – BSc (Hons) (Geology), Pr.Sci.Nat., 6 years experience.
- F P Badenhorst – MSc (Geology), Pr.Sci.Nat., 11 years experience.

#### Ore Reserves

- D L Worrall – ACSM, MAusIMM, 27 years experience.

#### SADIOLA

#### Mineral Resources

- T Gell – BSc (Hons) (Geology), MAusIMM, 12 years experience.

#### Ore Reserves

- E Smuts – BSc (Engineering), MAusIMM, 7 years experience.
- M Thiel – BSc (Mining Engineering), MAusIMM, 27 years experience.

#### YATELA

#### Mineral Resources

- T Gell – BSc (Hons) (Geology), MAusIMM, 12 years experience.

*Ore Reserves*

- E Smuts – BSc (Engineering), MAusIMM, 7 years experience.
- M Thiel – BSc (Mining Engineering), MAusIMM, 27 years experience.

**South America****AMAPARI***Mineral Resources*

- A M Silva – Geologist, CREA, 4 years experience.
- R de Brito Mello – Geologist, MAusIMM, 17 years experience.

*Ore Reserves*

- R Petter – Mining Engineer, CREA, 18 years experience.
- R de Brito Mello – Geologist, MAusIMM, 17 years experience.
- R Sanhueza – Mining Engineer, Santiago of Chile, 8 years experience.

**CERRO VANGUARDIA***Mineral Resources*

- C A Riveros – Geologist, Consejo Superior de Geología, 17 years experience.
- L L Rivera – Geologist, Consejo Superior de Geología, 10 years experience.
- E R López – Geologist, Consejo Superior de Geología, 8 years experience.
- V Scavuzzo – Geologist, Consejo Superior de Geología, 4 years experience.
- R de Brito Mello – Geologist, MAusIMM, 17 years experience.

*Ore Reserves*

- M Roldán – Mining Engineer, SJNU, 6 years experience.
- E R López – Geologist, Consejo Superior de Geología, 8 years experience.
- R de Brito Mello – Geologist, MAusIMM, 17 years experience.

**MORRO VELHO***Mineral Resources*

- R de Brito Mello – Geologist, MAusIMM, 17 years experience.
- E E Biase – Geologist Engineer, CREA, 26 years experience.
- P de Tarso Ferreira – Geologist, CREA, 19 years experience.
- J W Soares – Geologist, CREA, 14 years experience.
- E A de Souza Júnior – Geologist, CREA, 16 years experience.
- Alessandro Medeiros Silva – Geologist, CREA, 4 years experience.
- C R P Ferreira Júnior – Geologist, CREA, 9 years experience.
- L H A Lisboa – Geologist Engineer, CREA, 22 years experience.

*Ore Reserves*

- A L R Evangelista – Mining Engineer, CREA, 18 years experience.
- R de Brito Mello – Geologist, CREA, MAusIMM, 17 years experience.
- S B R Pinto – Mining Engineer, CREA, 17 years experience.
- P de Tarso Ferreira – Geologist, CREA, 19 years experience.
- P M Sobrinho – Mining Engineer, CREA, 22 years experience.
- E A de Souza Jr – Geologist, CREA, 16 years experience.
- L H A Lisboa – Geologist Engineer, CREA, 22 years experience.

**SERRA GRANDE***Mineral Resources*

- R de Brito Mello – Geologist, CREA, MAusIMM, 17 years experience.
- E M de Araújo – Geologist/Geostatistician, CREA, 17 years experience.
- W N Yamaoka – Geologist, CREA, 17 years experience.

*Ore Reserves*

- W N Yamaoka – Geologist, CREA, 17 years experience.
- E M de Araújo – Geologist/Geostatistician, CREA, 17 years experience.
- M G Simoni – Mining Engineer, CREA, 5 years experience.
- R de Brito Mello – Geologist, CREA, MAusIMM, 17 years experience.

**North America****CRIPPLE CREEK AND VICTOR***Mineral Resources*

- R Largent – BSc (Mining Engineering), SME, 20 years experience.
- G Seibel – BA (Geology), MSc (Economic Geology), SME, 22 years experience.

*Ore Reserves*

- R Largent – BSc (Mining Engineering), SME, 20 years experience.
- G Seibel – BA (Geology), MSc (Economic Geology), SME, 22 years experience.
- R Johnson – BSc (Metallurgical Engineering), SME, 21 years experience.

**JERRITT CANYON***Mineral Resources*

- G Struble – BSc (Mining Engineering), SME, 25 years experience.
- C E Brechtel – BSc (Geological Engineering), MSc (Mining Engineering), SME, 27 years experience.
- D G Colli – BSc (Geology), SME, 27 years experience.
- T Rice – BSc (Mining Engineering), SME, 11 years experience.

*Ore Reserves*

- G Struble – BSc (Mining Engineering), SME, 25 years experience.
- C E Brechtel – BSc (Geological Engineering), MSc (Mining Engineering), SME, 27 years experience.
- D G Colli – BSc (Geology), SME, 27 years experience.

**Australia****BODDINGTON***Mineral Resources*

- K Gleeson – BSc (Hons) (Geology), MAusIMM, 13 years experience.

*Ore Reserves*

- S Williams – B Min Tech (Hons), MAusIMM, 15 years experience.

**SUNRISE DAM***Mineral Resources*

- M Kent – BSc (Hons)(Geology), MAusIMM, 6 years experience.
- D Gibbs – BSc Hons (Geology), MAusIMM, 14 years experience.
- S Khosrowshahi – BSc (Geology), MSc, PhD, MAusIMM, 21 years experience.

*Ore Reserves*

- Q de Klerk – HND (Mining), MAusIMM, 15 years experience.
- R Bertinshaw – BEng (Mining), MSc, MAusIMM, 26 years experience.

**TANAMI***Mineral Resources*

- W Makar – Dip Min Sc & Min Tech, MAusIMM, 26 years experience.

**UNION REEFS***Mineral Resources*

- W Makar – Dip Min Sc & Min Tech, MAusIMM, 26 years experience.

*Ore Reserves*

- G Davies – Grad Dip (Mining), MAusIMM, 7 years experience.

- (1) Pr.Sci.Nat. application being processed
- (2) PLATO application being processed
- (3) ECSA application being processed
- (4) AusIMM application being processed

# Development sampling results – South Africa region

for the year ended 31 December 2002

Development values represent actual results of sampling, no allowances having been made for adjustments necessary in estimating Ore Reserves.

South Africa region (Metric) Mine	Advanced			Sampled		Uranium	
	metres	metres	Channel width cm	Gold g/t	cm.g/t	kg/t	cm.kg/t
<b>Great Noligwa</b>							
"C" Reef	94						
Vaal Reef	20,448	2,700	104.1	28.30	2,946	1.43	148.70
<b>Kopanang</b>							
"C" Reef	537						
Vaal Reef	33,386	2,840	11.8	158.64	1,872	6.66	78.54
<b>Moab Khotsong</b>							
Vaal Reef	3,524						
<b>Mponeng</b>							
Ventersdorp Contact Reef	23,869	2,394	68.7	20.38	1,400	–	–
<b>Savuka</b>							
Carbon Leader Reef	4,284	2	112.0	10.10	1,131	–	–
Ventersdorp Contact Reef	2,627	30	56.5	13.33	753	0.02	1.00
<b>Tau Lekoa</b>							
Ventersdorp Contact Reef	14,863	2,148	108.0	8.50	918	0.12	12.61
<b>TauTona</b>							
Carbon Leader Reef	18,568	296	20.9	237.42	4,962	2.44	51.02
Ventersdorp Contact Reef	115						

South Africa region (Imperial) Mine	Advanced			Sampled		Uranium	
	feet	feet	Channel width inches	Gold oz/t	ft.oz/t	lb/t	ft.lb/t
<b>Great Noligwa</b>							
"C" Reef	307	–					
Vaal Reef	67,086	8,858	41.0	0.83	2.82	2.86	9.77
<b>Kopanang</b>							
"C" Reef	1,763	–	–	–	–	–	–
Vaal Reef	109,535	9,318	4.6	4.63	1.79	13.32	5.16
<b>Moab Khotsong</b>							
Vaal Reef	11,562	–	–	–	–	–	–
<b>Mponeng</b>							
Ventersdorp Contact Reef	78,311	7,854	27.0	0.59	1.34	–	–
<b>Savuka</b>							
Carbon Leader Reef	14,055	7	44.1	0.29	1.08	–	–
Ventersdorp Contact Reef	8,619	98	22.2	0.39	0.72	0.04	0.07
<b>Tau Lekoa</b>							
Ventersdorp Contact Reef	48,762	7,047	42.5	0.25	0.88	0.24	0.85
<b>TauTona</b>							
Carbon Leader Reef	60,918	971	8.2	6.92	4.75	4.88	3.35
Ventersdorp Contact Reef	376	–	–	–	–	–	–





ANGLOGOLD LIMITED  
(Incorporated in the Republic of South Africa)

Registration number 1944/017354/06

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