

BHP BILLITON LTD
Form 6-K
January 31, 2003
29 January 2003
Number: 02/03

BHP BILLITON PRODUCTION REPORT FOR THE QUARTER ENDED 31 DECEMBER 2002

BHP Billiton today released its production report for the quarter ended 31 December 2002.

- **Oil and Condensate**

production for the quarter of 16.4 million barrels was 16 per cent lower than the December 2001 quarter. The decrease was mainly due to natural field decline in Bass Strait (Australia) and Laminaria (Australia), ramp up of production following scheduled shutdowns for platform maintenance works at Liverpool Bay (UK) and shutdowns and subsequent repairs at Typhoon (US) following adverse weather conditions. These decreases were partially offset by production from the Tuna and West Tuna infill programs in Bass Strait, completion of the Scindian-3 flowline repairs and Griffin-9 infill well at Griffin (Australia) and commencement of the Echo Yodel field at the North West Shelf (Australia).

- **Oil and condensate**

production was 12 per cent lower than the September 2002 quarter. This reflects natural field decline and higher downtime at Bass Strait, rapid decline in the performance of Phase 2 infill wells in Laminaria and higher downtime at Typhoon due to adverse weather conditions. This was partially offset by the timing of shutdowns at Liverpool Bay and Bruce (UK).

- **Natural Gas**

production for the quarter of 69.41 billion cubic feet was eight per cent lower than the December 2001 quarter mainly due to seasonal conditions in Bass Strait, scheduled shutdowns in Liverpool Bay and adverse weather conditions at Typhoon. Natural gas production was three per cent lower than the September 2002 quarter due to seasonal conditions in Bass Strait partially offset by scheduled shutdowns in Liverpool Bay and improved reliability at Bruce.

- **Alumina**

production for the quarter of 998,000 tonnes was three per cent higher than the December 2001 quarter, mainly reflecting a return to full production at Alumar (Brazil) following government enforced power rationing. Alumina production was three per cent lower than the September 2002 quarter, due to power disruptions at Worsley (Australia) and Paranam (Suriname) during the current quarter.

- **Aluminium**

production for the quarter of 266,000 tonnes was 13 per cent higher than the December 2001 quarter, mainly due to higher production at Hillside (South Africa) reflecting the success of the capacity creep programme, non-recurrence of the September 2001 power outage and completion of the pot relining program in June 2002. Aluminium production was in line with the September 2002 quarter.

- **Copper**

production for the quarter of 225,600 tonnes was two per cent higher than the December 2001 quarter. Copper production during the 2002 calendar year was in line with the 2001 year despite the start-up of the Escondida Phase IV expansion in September 2002 as a result of the decision to low grade copper production at Escondida and to temporarily cease production at Tintaya from November 2001. Production for the quarter was 22 per cent higher than the September 2002 quarter mainly due to the successful ramp up of the Escondida Phase IV expansion.

- **Iron Ore**

production for the quarter of 18.4 million tonnes (BHP Billiton share) was in line with the September 2002 quarter and seven per cent higher than the December 2001 quarter. Western Australian iron ore production of 16.5 million tonnes was in line with the record September 2002 quarter due to continued strong demand for all products in Asian markets. In addition, a new sales record of 18.2 million tonnes was set at Western

Australian iron ore operations during the December 2002 quarter. Samarco (Brazil) production for the December 2002 quarter of 2.0 million tonnes was in line with the September 2002 quarter and 53 per cent higher than the December 2001 quarter, reflecting strong customer demand.

• **Metallurgical Coal**

production for the quarter of 8.4 million tonnes was in line with both the December 2001 and September 2002 quarters. Queensland (Australia) coal production for the December 2002 quarter reflects the resolution of adverse roof conditions at the Crinum mine, and lower overall production at the Goonyella Riverside mine to ensure a sustainable balance in stockpile inventories. Higher shipments were recorded at Illawarra Coal (Australia) during the December 2002 period following deliveries to new customers.

• **Ekati(TM) Diamond**

(Canada) production for the quarter of 1.07 million carats was 15 per cent higher than the December 2001 quarter and 12 per cent higher than the September 2002 quarter mainly due to benefits of a processing plant de-bottlenecking program and mining of higher ore grades at the Misery pit.

• **Energy Coal**

production for the quarter of 20.6 million tonnes was in line with the December 2001 quarter. Decreases from the sale of the PT Arutmin energy coal assets (Indonesia) were offset by higher production at New Mexico Coal (US) due to a dragline outage in the December 2001 quarter and commencement of underground longwall operations in October 2002 and increased ownership interest of Cerrejon Coal (Colombia) purchased in February 2002. Production was six per cent higher than the September 2002 quarter mainly due to maintenance on two draglines in the September quarter and commencement of underground longwall operations at New Mexico Coal.

• **Nickel**

production for the quarter of 19,400 tonnes was 11 per cent higher than the December 2001 quarter, reflecting ramp-up of production at Cerro Matoso Line 2 (Colombia) and benefits from ongoing improvement programs at both Cerro Matoso and the QNI Yabulu Refinery (Australia). Production was two per cent higher than the September 2002 quarter.

• **Ferrochrome**

production for the quarter of 230,000 tonnes was 12 per cent higher than the December 2001 quarter. The increase was due to increased market demand prompting the restart of idle furnaces.

Further information on BHP Billiton can be found on our Internet site:

<http://www.bhpbilliton.com>

Australia

Andrew Nairn, Investor Relations
Tel: +61 3 9609 3952 Mobile: +61 408 313 259
email: Andrew.W.Nairn@bhpbilliton.com

Tracey Whitehead, Media Relations
Tel: +61 3 9609 4202 Mobile: +61 419 404 978
email: Tracey.Whitehead@bhpbilliton.com

United States

Francis McAllister, Investor Relations
Tel: +1 713 961 8625 Mobile: +1 713 480 3699

United Kingdom

Mark Lidiard, Investor & Media Relations
Tel: +44 20 7802 4156 Mobile: +44 7769 934 942
email: Mark.Lidiard@bhpbilliton.com

Ariane Gentil, Media Relations
Tel: +44 20 7802 4177
email: Ariane.Gentil@bhpbilliton.com

South Africa

Michael Campbell, Investor & Media Relations
Tel: +27 11 376 3360 Mobile: +27 82 458 2587

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email: Francis.R.McAllister@bhpbilliton.com

email: Michael.J.Campbell@bhpbilliton.com

| BHP BILLITON PRODUCTION SUMMARY | | | | | | | | | | |
|------------------------------------|---------------|--|---------------|--------|--------|--------------------|---------|------------|-------------|-----------|
| | | | QUARTER ENDED | | | HALF YEAR ENDED | | % CHANGE | | |
| | | | DEC | SEPT | DEC | DEC | DEC | DEC Q02 | DEC Q02 | YTD 02 |
| | | | 2001 | 2002 | 2002 | 2002 | 2001 | vs | vs | vs |
| | | | | | | | | DEC Q01 | SEPT Q02 | YTD 01 |
| PETROLEUM | | | | | | | | | | |
| Crude oil & condensate | ('000 bbl) | | 19,638 | 18,550 | 16,398 | 34,948 | 39,143 | -16% | -12% | -11% |
| Natural gas | (bcf) | | 75.47 | 71.86 | 69.41 | 141.27 | 146.52 | -8% | -3% | -4% |
| LPG | ('000 tonnes) | | 173.01 | 208.96 | 167.97 | 376.93 | 355.93 | -3% | -20% | 6% |
| Ethane | ('000 tonnes) | | 18.59 | 27.67 | 19.91 | 47.58 | 42.64 | 7% | -28% | 12% |
| ALUMINIUM | | | | | | | | | | |
| Alumina | ('000 tonnes) | | 965 | 1,031 | 998 | 2,029 | 1,929 | 3% | -3% | 5% |
| Aluminium | ('000 tonnes) | | 235 | 268 | 266 | 534 | 479 | 13% | -1% | 11% |
| BASE METALS | | | | | | | | | | |
| Copper | ('000 tonnes) | | 220.7 | 184.5 | 225.6 | 410.1 | 423.2 | 2% | 22% | -3% |
| Lead | (tonnes) | | 53,202 | 63,243 | 58,345 | 121,588 | 107,234 | 10% | -8% | 13% |
| Zinc | (tonnes) | | 46,774 | 48,542 | 44,115 | 92,657 | 76,404 | -6% | -9% | 21% |
| Gold | (ounces) | | 79,538 | 55,153 | 69,175 | 124,328 | 150,766 | -13% | 25% | -18% |
| Silver | ('000 ounces) | | 9,730 | 11,260 | 9,870 | 21,130 | 18,471 | 1% | -12% | 14% |
| Molybdenum | (tonnes) | | 153 | 220 | 250 | 470 | 305 | 63% | 14% | 54% |
| CARBON STEEL MATERIALS | | | | | | | | | | |
| Iron ore | ('000 tonnes) | | 17,283 | 18,628 | 18,447 | 37,075 | 34,363 | 7% | -1% | 8% |

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| | | | | | | | | | | |
|---|------------------------|---------------|---------------|--------|--------|--------|--------|-----------------|--------|-----|
| | Metallurgical coal | ('000 tonnes) | 8,148 | 8,650 | 8,390 | 17,040 | 17,184 | 3% | -3% | -1% |
| | Manganese ores | ('000 tonnes) | 888 | 1,095 | 1,059 | 2,154 | 1,860 | 19% | -3% | 16% |
| | Manganese alloys | ('000 tonnes) | 164 | 175 | 190 | 365 | 283 | 16% | 9% | 29% |
| | Hot briquetted iron | ('000 tonnes) | 384 | 333 | 414 | 747 | 770 | 8% | 24% | -3% |
| DIAMONDS AND SPECIALTY PRODUCTS | | | | | | | | | | |
| | Diamonds | ('000 carats) | 928 | 954 | 1,071 | 2,025 | 1,695 | 15% | 12% | 19% |
| ENERGY COAL | | | | | | | | | | |
| | Energy coal | ('000 tonnes) | 20,623 | 19,434 | 20,649 | 40,083 | 43,028 | 0% | 6% | -7% |
| STAINLESS STEEL MATERIALS | | | | | | | | | | |
| | Nickel | ('000 tonnes) | 17.5 | 19.1 | 19.4 | 38.5 | 33.4 | 11% | 2% | 15% |
| | Chrome ores | ('000 tonnes) | 609 | 713 | 714 | 1,427 | 1,238 | 17% | 0% | 15% |
| | Ferrocchrome | ('000 tonnes) | 206 | 238 | 230 | 468 | 413 | 12% | -3% | 13% |
| Throughout this report figures in italics indicate adjustments made since the figure was previously reported. | | | | | | | | | | |
| BHP BILLITON ATTRIBUTABLE PRODUCTION | | | | | | | | | | |
| | | | QUARTER ENDED | | | | | HALF YEAR ENDED | | |
| | | BHP Billiton | DEC | MARCH | JUNE | SEPT | DEC | DEC | DEC | |
| | | Interest | 2001 | 2002 | 2002 | 2002 | 2002 | 2002 | 2001 | |
| PETROLEUM | | | | | | | | | | |
| Production | | | | | | | | | | |
| | Crude oil & condensate | (000 bbl) | 19,638 | 19,644 | 19,732 | 18,550 | 16,398 | 34,948 | 39,143 | |

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|--|------------------------|---------------|--------|--------|--------|--------|--------|--------|--------|
| | Natural gas | (bcf) | 75.47 | 66.30 | 70.66 | 71.86 | 69.41 | 141.27 | 146.52 |
| | LPG | ('000 tonnes) | 173.01 | 161.20 | 180.43 | 208.96 | 167.97 | 376.93 | 355.93 |
| | Ethane | ('000 tonnes) | 18.59 | 18.87 | 25.62 | 27.67 | 19.91 | 47.58 | 42.64 |
| | | | | | | | | | |
| | | | | | | | | | |
| ALUMINIUM | | | | | | | | | |
| ALUMINA | | | | | | | | | |
| Production ('000 tonnes) | | | | | | | | | |
| | Worsley | 86% | 671 | 677 | 686 | 698 | 662 | 1,360 | 1,333 |
| | Suriname | 45% | 209 | 208 | 215 | 221 | 213 | 434 | 428 |
| | Alumar | 36% | 85 | 111 | 117 | 112 | 123 | 235 | 168 |
| | Total | | 965 | 996 | 1,018 | 1,031 | 998 | 2,029 | 1,929 |
| | | | | | | | | | |
| | | | | | | | | | |
| ALUMINIUM | | | | | | | | | |
| Production ('000 tonnes) | | | | | | | | | |
| | Hillside | 100% | 117 | 127 | 132 | 135 | 134 | 269 | 242 |
| | Bayside | 100% | 45 | 43 | 43 | 46 | 45 | 91 | 89 |
| | Alumar | 46.3% | 32 | 40 | 46 | 44 | 44 | 88 | 67 |
| | Valesul | 45.5% | 9 | 9 | 11 | 11 | 11 | 22 | 17 |
| | Mozal | 47% | 32 | 31 | 31 | 32 | 32 | 64 | 64 |
| | Total | | 235 | 250 | 263 | 268 | 266 | 534 | 479 |
| | | | | | | | | | |
| | | | | | | | | | |
| BASE METALS (a) | | | | | | | | | |
| COPPER | | | | | | | | | |
| Payable metal in concentrate ('000 tonnes) | | | | | | | | | |
| | Escondida (b) | 57.5% | 80.1 | 75.3 | 94.4 | 68.4 | 105.6 | 174.0 | 169.5 |
| | Tintaya (b) | 100% | 22.9 | 0.8 | 0.2 | - | - | - | 43.8 |
| | Antamina (c) | 33.8% | 26.2 | 25.1 | 30.5 | 25.7 | 26.4 | 52.1 | 26.2 |
| | Alumbraera | 25% | 11.9 | 12.3 | 12.8 | 11.1 | 13.4 | 24.5 | 23.5 |
| | Highland Valley Copper | 33.6% | 15.6 | 14.2 | 16.1 | 14.9 | 14.3 | 29.2 | 31.7 |
| | Selbaie | 100% | 2.6 | 2.5 | 2.6 | 2.8 | 2.1 | 4.9 | 5.1 |
| | Total | | 159.3 | 130.3 | 156.6 | 122.9 | 161.8 | 284.7 | 299.8 |
| | | | | | | | | | |

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| | | | | | | | | | |
|---------------------------------------|----------------------------|-------|--------|--------|--------|--------|--------|---------|---------|
| Cathode ('000 tonnes) | | | | | | | | | |
| | Escondida | 57.5% | 21.9 | 21.2 | 21.5 | 17.9 | 19.1 | 37.0 | 43.8 |
| | Cerro Colorado | 100% | 33.8 | 31.3 | 31.3 | 32.5 | 33.1 | 65.6 | 68.2 |
| | Tintaya (b) | 100% | - | - | 1.3 | 8.4 | 8.9 | 17.3 | - |
| | San Manuel | 100% | 2.2 | 1.8 | - | - | - | - | 4.5 |
| | Pinto Valley | 100% | 3.4 | 3.1 | 2.8 | 2.8 | 2.7 | 5.5 | 6.9 |
| | Total | | 61.4 | 57.4 | 56.9 | 61.6 | 63.8 | 125.4 | 123.4 |
| LEAD | | | | | | | | | |
| Payable metal in concentrate (tonnes) | | | | | | | | | |
| | Cannington | 100% | 51,914 | 63,172 | 63,799 | 61,676 | 57,651 | 119,327 | 104,793 |
| | Pering | 100% | 1,288 | 892 | 969 | 1,567 | 694 | 2,261 | 2,441 |
| | Total | | 53,202 | 64,064 | 64,768 | 63,243 | 58,345 | 121,588 | 107,234 |
| | Refer footnotes on page 5. | | | | | | | | |
| BASE METALS (continued) | | | | | | | | | |
| ZINC | | | | | | | | | |
| Payable metal in concentrate (tonnes) | | | | | | | | | |
| | Cannington | 100% | 17,285 | 15,002 | 12,511 | 15,182 | 14,721 | 29,903 | 31,343 |
| | Antamina (c) | 33.8% | 16,010 | 18,825 | 13,518 | 18,189 | 15,424 | 33,613 | 16,010 |
| | Selbaie | 100% | 7,896 | 8,495 | 8,121 | 9,840 | 6,540 | 16,380 | 17,580 |
| | Pering | 100% | 5,583 | 4,851 | 4,793 | 5,331 | 7,430 | 12,761 | 11,471 |
| | Total | | 46,774 | 47,174 | 38,942 | 48,542 | 44,115 | 92,657 | 76,404 |
| GOLD | | | | | | | | | |
| Payable metal in concentrate (ounces) | | | | | | | | | |
| | Escondida (b) | 57.5% | 12,166 | 11,837 | 17,694 | 10,074 | 15,936 | 26,010 | 22,807 |
| | Tintaya (b) | 100% | 11,500 | 503 | - | - | - | - | 21,749 |
| | Alumbraera | 25% | 49,780 | 49,064 | 51,511 | 39,279 | 46,940 | 86,219 | 92,364 |
| | Selbaie | 100% | 4,914 | 5,685 | 5,117 | 4,486 | 5,069 | 9,555 | 11,433 |
| | Highland Valley Copper | 33.6% | 1,178 | 1,126 | 1,268 | 1,314 | 1,230 | 2,544 | 2,413 |

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| | | | | | | | | | |
|--|---------------------------|-------|--------|--------|--------|--------|--------|---------|---------|
| | Total | | 79,538 | 68,215 | 75,589 | 55,153 | 69,175 | 124,328 | 150,766 |
| | | | | | | | | | |
| SILVER | | | | | | | | | |
| Payable metal in concentrate ('000 ounces) | | | | | | | | | |
| | Cannington | 100% | 7,915 | 9,980 | 10,265 | 9,612 | 8,326 | 17,938 | 15,720 |
| | Escondida | 57.5% | 298 | 295 | 344 | 304 | 387 | 691 | 618 |
| | Antamina (c) | 33.8% | 617 | 508 | 461 | 536 | 557 | 1,093 | 617 |
| | Alumbraera | 25.0% | 71 | 68 | 56 | 53 | 72 | 125 | 114 |
| | Highland Valley Copper | 33.6% | 167 | 168 | 183 | 162 | 159 | 321 | 357 |
| | Selbaie | 100% | 662 | 504 | 524 | 593 | 369 | 962 | 1,045 |
| | Total | | 9,730 | 11,522 | 11,833 | 11,260 | 9,870 | 21,130 | 18,471 |
| | | | | | | | | | |
| MOLYBDENUM | | | | | | | | | |
| Payable metal in concentrate (tonnes) | | | | | | | | | |
| | Highland Valley Copper | 33.6% | 153 | 121 | 232 | 220 | 250 | 470 | 305 |
| | | | | | | | | | |
| CARBON STEEL MATERIALS | | | | | | | | | |
| IRON ORE | | | | | | | | | |
| Production ('000 tonnes) | | | | | | | | | |
| | Mt Newman Joint Venture | 85% | 6,423 | 5,565 | 5,413 | 5,486 | 5,287 | 10,773 | 12,396 |
| | Goldsworthy Joint Venture | 85% | 1,667 | 1,434 | 1,690 | 1,891 | 1,808 | 3,699 | 3,323 |
| | Yandi Joint Venture | 85% | 6,933 | 6,614 | 6,663 | 7,796 | 8,187 | 15,983 | 13,979 |
| | Jimblebar | 100% | 1,332 | 1,211 | 1,476 | 1,433 | 1,186 | 2,619 | 2,514 |
| | Samarco | 50% | 928 | 1,640 | 1,838 | 2,022 | 1,979 | 4,001 | 2,151 |
| | Total | | 17,283 | 16,464 | 17,080 | 18,628 | 18,447 | 37,075 | 34,363 |
| | | | | | | | | | |
| METALLURGICAL COAL (d) | | | | | | | | | |
| Production ('000 tonnes) | | | | | | | | | |

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|--|----------------------------|------|-------|-------|-------|-------|-------|--------|--------|
| | BMA (e) | 50% | 4,840 | 6,017 | 5,686 | 4,652 | 5,032 | 9,684 | 9,998 |
| | BHP Mitsui Coal (f) | 80% | 1,467 | 1,707 | 1,746 | 1,863 | 1,472 | 3,335 | 3,290 |
| | Illawarra | 100% | 1,841 | 1,265 | 1,927 | 2,135 | 1,886 | 4,021 | 3,896 |
| | Total | | 8,148 | 8,989 | 9,359 | 8,650 | 8,390 | 17,040 | 17,184 |
| | | | | | | | | | |
| | Refer footnotes on page 5. | | | | | | | | |
| CARBON STEEL MATERIALS (cont'd) | | | | | | | | | |
| MANGANESE ORES | | | | | | | | | |
| Saleable production ('000 tonnes) | | | | | | | | | |
| | South Africa (g) | 60% | 501 | 424 | 475 | 581 | 560 | 1,141 | 968 |
| | Australia (g) | 60% | 387 | 467 | 309 | 514 | 499 | 1,013 | 892 |
| | Total | | 888 | 891 | 784 | 1,095 | 1,059 | 2,154 | 1,860 |
| | | | | | | | | | |
| MANGANESE ALLOYS | | | | | | | | | |
| Saleable production ('000 tonnes) | | | | | | | | | |
| | South Africa (g) | 60% | 101 | 115 | 121 | 124 | 125 | 249 | 170 |
| | Australia (g) | 60% | 63 | 51 | 48 | 51 | 65 | 116 | 113 |
| | Total | | 164 | 166 | 169 | 175 | 190 | 365 | 283 |
| | | | | | | | | | |
| HOT BRIQUETTED IRON | | | | | | | | | |
| Production ('000 tonnes) | | | | | | | | | |
| | Boodarie™ Iron (h) | 100% | 384 | 277 | - | 333 | 414 | 747 | 770 |
| | | | | | | | | | |
| DIAMONDS AND SPECIALTY PRODUCTS | | | | | | | | | |
| DIAMONDS | | | | | | | | | |
| Production ('000 carats) | | | | | | | | | |
| | Ekati™ | 80% | 928 | 932 | 1,023 | 954 | 1,071 | 2,025 | 1,695 |
| | | | | | | | | | |
| | | | | | | | | | |

| ENERGY COAL | | | | | | | | | |
|--|----------------------------|-------|--------|--------|--------|--------|--------|--------|--------|
| Production ('000 tonnes) | | | | | | | | | |
| | South Africa | 100% | 13,724 | 13,633 | 13,815 | 13,838 | 13,333 | 27,171 | 28,262 |
| | USA | 100% | 3,170 | 3,266 | 3,703 | 2,905 | 4,340 | 7,245 | 6,276 |
| | Australia | 100% | 863 | 1,129 | 1,390 | 1,244 | 1,234 | 2,478 | 2,036 |
| | Indonesia (i) | 80% | 1,778 | 186 | 208 | 216 | 29 | 245 | 4,228 |
| | Colombia (j) | 33% | 1,088 | 1,022 | 1,455 | 1,231 | 1,713 | 2,944 | 2,226 |
| | Total | | 20,623 | 19,236 | 20,571 | 19,434 | 20,649 | 40,083 | 43,028 |
| STAINLESS STEEL MATERIALS | | | | | | | | | |
| NICKEL | | | | | | | | | |
| Production ('000 tonnes) | | | | | | | | | |
| | CMSA | 99.8% | 10.4 | 10.5 | 9.9 | 11.7 | 11.9 | 23.6 | 20.0 |
| | Yabulu | 100% | 7.1 | 7.3 | 7.8 | 7.4 | 7.5 | 14.9 | 13.4 |
| | Total | | 17.5 | 17.8 | 17.7 | 19.1 | 19.4 | 38.5 | 33.4 |
| CHROME ORES | | | | | | | | | |
| Saleable production ('000 tonnes) | | | | | | | | | |
| | South Africa (g) | 60% | 609 | 549 | 664 | 713 | 714 | 1,427 | 1,238 |
| FERROCHROME | | | | | | | | | |
| Saleable production ('000 tonnes) | | | | | | | | | |
| | South Africa (g) | 60% | 206 | 201 | 223 | 238 | 230 | 468 | 413 |
| | Refer footnotes on page 5. | | | | | | | | |
| (a) Metal production is reported on the basis of payable metal. | | | | | | | | | |
| (b) Sulphide production at Escondida and Tintaya was temporarily reduced in November 2001 and January 2002 respectively due to | | | | | | | | | |
| weak market conditions. Commercial production of copper cathode commenced at Tintaya in June 2002. | | | | | | | | | |
| (c) Antamina commenced commercial production in October 2001. | | | | | | | | | |

| | | | | | | | | | | |
|--|---|--|---------------|-------|-------|-------|-----------------|--------|--------|--|
| | (d) Coal production is reported on the basis of saleable product. Production figures include some thermal coal. | | | | | | | | | |
| | (e) BHP Billiton acquired its share of South Blackwater in July 2001. South Blackwater is equally owned by BHP Billiton and | | | | | | | | | |
| | Mitsubishi Development Pty Ltd. Effective January 2002, South Blackwater production is reported in BMA. | | | | | | | | | |
| | (f) Shown on 100% basis before 20% outside equity interest. | | | | | | | | | |
| | (g) Shown on 100% basis. BHP Billiton interest in saleable production is 60%. | | | | | | | | | |
| | (h) Boodarie Iron recommenced production in July 2002 following the suspension of operations due to a tube failure in a gas | | | | | | | | | |
| | re-heating furnace. | | | | | | | | | |
| | (i) Production shown on 86.5% basis after allowing for Indonesian state owned corporation's 13.5% share of production. | | | | | | | | | |
| | BHP Billiton sold its interest in the Senakin and Satui mines effective 30 November 2001. | | | | | | | | | |
| | (j) BHP Billiton increased its interest in Cerrejon Zona Norte to 33.3% from 16.7% effective February 2002. | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| PRODUCTION AND SHIPMENT REPORT | | | | | | | | | | |
| | | | QUARTER ENDED | | | | HALF YEAR ENDED | | | |
| | | | DEC | MARCH | JUNE | SEPT | DEC | DEC | DEC | |
| | | | 2001 | 2002 | 2002 | 2002 | 2002 | 2002 | 2001 | |
| PETROLEUM | | | | | | | | | | |
| | BHP Billiton attributable production unless otherwise stated. | | | | | | | | | |
| | | | | | | | | | | |
| CRUDE OIL & CONDENSATE ('000 barrels) | | | | | | | | | | |
| | Bass Strait | | 7,197 | 6,593 | 6,786 | 6,799 | 5,799 | 12,598 | 14,597 | |
| | North West Shelf - condensate | | 1,310 | 1,525 | 1,466 | 1,602 | 1,510 | 3,112 | 2,641 | |
| | North West Shelf - Wanaea/Cossack | | 1,919 | 1,851 | 1,892 | 1,876 | 1,655 | 3,531 | 3,571 | |
| | Laminaria | | 2,569 | 1,958 | 2,200 | 2,914 | 1,869 | 4,783 | 5,570 | |
| | Griffin | | 863 | 1,971 | 1,587 | 1,281 | 1,089 | 2,370 | 1,900 | |
| | Pakistan | | 19 | 20 | 18 | 18 | 17 | 35 | 36 | |

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|--|-----------------------------|--|---------------|--------|--------|--------|-----------------|--------|--------|
| | Typhoon (a) | | 1,443 | 1,507 | 1,754 | 1,233 | 654 | 1,887 | 2,278 |
| | Americas | | 810 | 917 | 861 | 718 | 652 | 1,370 | 1,728 |
| | Liverpool Bay | | 2,868 | 2,770 | 2,574 | 1,838 | 2,463 | 4,301 | 5,698 |
| | Bruce/Keith | | 640 | 532 | 594 | 271 | 690 | 961 | 1,123 |
| | Total | | 19,638 | 19,644 | 19,732 | 18,550 | 16,398 | 34,948 | 39,143 |
| NATURAL GAS (billion cubic feet) | | | | | | | | | |
| | Bass Strait | | 23.14 | 17.18 | 26.77 | 33.07 | 21.07 | 54.14 | 52.90 |
| | North West Shelf - Domestic | | 3.73 | 3.45 | 2.86 | 3.62 | 3.82 | 7.44 | 7.41 |
| | North West Shelf - LNG | | 15.56 | 15.22 | 13.01 | 16.55 | 14.93 | 31.48 | 31.32 |
| | Griffin | | 1.25 | 0.92 | 0.34 | 0.95 | 1.03 | 1.98 | 2.70 |
| | Pakistan | | 2.83 | 2.94 | 3.02 | 2.83 | 2.76 | 5.59 | 5.49 |
| | Typhoon (a) | | 1.48 | 2.01 | 1.93 | 1.38 | 0.71 | 2.09 | 2.15 |
| | Americas | | 4.69 | 4.40 | 4.63 | 3.91 | 3.80 | 7.71 | 10.10 |
| | Bruce | | 10.65 | 8.44 | 7.92 | 4.59 | 10.55 | 15.14 | 13.93 |
| | Keith | | 0.27 | 0.11 | 0.16 | 0.07 | 0.15 | 0.22 | 0.46 |
| | Liverpool Bay | | 11.87 | 11.63 | 10.01 | 4.89 | 10.59 | 15.48 | 20.06 |
| | Total | | 75.47 | 66.30 | 70.66 | 71.86 | 69.41 | 141.27 | 146.52 |
| LPG ('000 tonnes) | | | | | | | | | |
| | Bass Strait | | 107.80 | 108.47 | 126.70 | 149.66 | 115.23 | 264.89 | 236.53 |
| | North West Shelf | | 35.53 | 33.33 | 35.08 | 36.32 | 31.04 | 67.36 | 71.85 |
| | Bruce | | 28.50 | 18.73 | 17.49 | 22.45 | 20.47 | 42.92 | 45.01 |
| | Keith | | 1.18 | 0.67 | 1.17 | 0.53 | 1.23 | 1.76 | 2.54 |
| | Total | | 173.01 | 161.20 | 180.43 | 208.96 | 167.97 | 376.93 | 355.93 |
| ETHANE ('000 tonnes) | | | 18.59 | 18.87 | 25.62 | 27.67 | 19.91 | 47.58 | 42.64 |
| (a) Typhoon commenced production in July 2001. | | | | | | | | | |
| PRODUCTION AND SHIPMENT REPORT | | | | | | | | | |
| | | | QUARTER ENDED | | | | HALF YEAR ENDED | | |

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| | | DEC | MARCH | JUNE | SEPT | DEC | DEC | DEC |
|---|------------------------|------|-------|-------|-------|------|-------|-------|
| | | 2001 | 2002 | 2002 | 2002 | 2002 | 2002 | 2001 |
| ALUMINIUM | | | | | | | | |
| BHP Billiton attributable production and sales unless otherwise stated. | | | | | | | | |
| ('000 tonnes) | | | | | | | | |
| ALUMINA | | | | | | | | |
| Production | | | | | | | | |
| | Worsley, Australia | 671 | 677 | 686 | 698 | 662 | 1,360 | 1,333 |
| | Paranam, Suriname | 209 | 208 | 215 | 221 | 213 | 434 | 428 |
| | Alumar, Brazil | 85 | 111 | 117 | 112 | 123 | 235 | 168 |
| | Total | 965 | 996 | 1,018 | 1,031 | 998 | 2,029 | 1,929 |
| Sales | | | | | | | | |
| | Worsley, Australia | 638 | 656 | 690 | 758 | 606 | 1,364 | 1,330 |
| | Paranam, Suriname | 221 | 205 | 197 | 253 | 201 | 454 | 445 |
| | Alumar, Brazil | 88 | 101 | 106 | 130 | 125 | 255 | 167 |
| | Total | 947 | 962 | 993 | 1,141 | 932 | 2,073 | 1,942 |
| ALUMINIUM | | | | | | | | |
| Production | | | | | | | | |
| | Hillside, South Africa | 117 | 127 | 132 | 135 | 134 | 269 | 242 |
| | Bayside, South Africa | 45 | 43 | 43 | 46 | 45 | 91 | 89 |
| | Alumar, Brazil | 32 | 40 | 46 | 44 | 44 | 88 | 67 |
| | Valesul, Brazil | 9 | 9 | 11 | 11 | 11 | 22 | 17 |
| | Mozal, Mozambique | 32 | 31 | 31 | 32 | 32 | 64 | 64 |
| | Total | 235 | 250 | 263 | 268 | 266 | 534 | 479 |
| Sales | | | | | | | | |
| | Hillside, South Africa | 117 | 128 | 131 | 124 | 135 | 259 | 240 |

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| | | | | | | | | |
|-----------------------|--|-----|-----|-----|-----|-----|-----|-----|
| Bayside, South Africa | | 43 | 42 | 53 | 47 | 45 | 92 | 86 |
| Alumar, Brazil | | 33 | 38 | 45 | 38 | 52 | 90 | 67 |
| Valesul, Brazil | | 8 | 10 | 11 | 9 | 12 | 21 | 16 |
| Mozal, Mozambique | | 32 | 31 | 34 | 27 | 35 | 62 | 64 |
| Total | | 233 | 249 | 274 | 245 | 279 | 524 | 473 |

PRODUCTION AND SHIPMENT REPORT

| | | QUARTER ENDED | | | | | HALF YEAR ENDED | |
|--------------------|--|---------------|-------|------|------|------|-----------------|------|
| | | DEC | MARCH | JUNE | SEPT | DEC | DEC | DEC |
| | | 2001 | 2002 | 2002 | 2002 | 2002 | 2002 | 2001 |
| BASE METALS | | | | | | | | |

BHP Billiton attributable production and sales unless otherwise stated. Metals production is payable metal unless otherwise stated.

| | | | | | | | | |
|-----------------------------|---------------|--------|--------|--------|--------|--------|---------|---------|
| <u>Escondida, Chile (a)</u> | | | | | | | | |
| Material mined (100%) | ('000 tonnes) | 84,821 | 80,401 | 77,244 | 74,671 | 74,303 | 148,974 | 170,164 |
| Sulphide ore milled (100%) | ('000 tonnes) | 10,060 | 10,452 | 11,311 | 10,142 | 14,632 | 24,774 | 21,265 |
| Average copper grade | (%) | 1.72% | 1.53% | 1.74% | 1.45% | 1.59% | 1.53% | 1.74% |
| Production ex Mill (100%) | ('000 tonnes) | 144.4 | 134.9 | 170.3 | 125.6 | 191.8 | 317 | 306 |
| Production | | | | | | | | |
| Payable copper | ('000 tonnes) | 80.1 | 75.3 | 94.4 | 68.4 | 105.6 | 174.0 | 169.5 |
| Payable gold concentrate | (fine ounces) | 12,166 | 11,837 | 17,694 | 10,074 | 15,936 | 26,010 | 22,807 |
| Copper cathode (SXEW) | ('000 tonnes) | 21.9 | 21.2 | 21.5 | 17.9 | 19.1 | 37.0 | 43.8 |
| Payable silver concentrate | ('000 ounces) | 298 | 295 | 344 | 304 | 387 | 691 | 618 |
| Sales | | | | | | | | |
| Payable copper | ('000 tonnes) | 87.0 | 77.0 | 85.3 | 77.0 | 104.8 | 181.8 | 170.7 |
| | | 12,386 | 10,806 | 17,004 | 11,689 | 16,709 | 28,398 | 21,115 |

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| | | | | | | | | | |
|--|----------------------------|---------------|--------|--------|--------|--------|--------|--------|--------|
| | Payable gold concentrate | (fine ounces) | | | | | | | |
| | Copper cathode (SXEW) | ('000 tonnes) | 18.0 | 24.6 | 22.7 | 19.5 | 21.7 | 41.2 | 40.8 |
| | Payable silver concentrate | ('000 ounces) | 334 | 313 | 248 | 269 | 400 | 669 | 646 |
| (a) Sulphide production at Escondida was temporarily reduced in November 2001 due to weak market conditions. | | | | | | | | | |
| <u>Tintaya, Peru (a) (b)</u> | | | | | | | | | |
| | Material mined | ('000 tonnes) | 14,115 | 396 | - | - | - | - | 31,715 |
| | Ore milled | ('000 tonnes) | 1,569 | 71 | - | - | - | - | 3,209 |
| | Average copper grade | (%) | 1.72% | 1.64% | 0.00% | 0.00% | 0.00% | 0.00% | 1.65% |
| Production | | | | | | | | | |
| | Payable copper | ('000 tonnes) | 22.9 | 0.8 | 0.2 | - | - | - | 43.8 |
| | Payable gold concentrate | (fine ounces) | 11,500 | 503 | - | - | - | - | 21,749 |
| | Copper cathode (SXEW) | ('000 tonnes) | | | 1.3 | 8.4 | 8.9 | 17.3 | - |
| Sales | | | | | | | | | |
| | Payable copper | ('000 tonnes) | 17.8 | 8.8 | - | - | - | - | 37.0 |
| | Payable gold concentrate | (fine ounces) | 9,546 | 5,452 | 212 | - | - | - | 19,291 |
| | Copper cathode (SXEW) | ('000 tonnes) | | | 1.9 | 8.0 | 7.7 | 15.7 | - |
| (a) Sulphide production at Tintaya was temporarily suspended in January 2002 due to weak market conditions. | | | | | | | | | |
| (b) Commercial production of copper cathode commenced in June 2002. | | | | | | | | | |
| <u>Cerro Colorado, Chile</u> | | | | | | | | | |
| | Material mined | ('000 tonnes) | 16,677 | 15,348 | 18,628 | 17,963 | 15,027 | 32,990 | 30,272 |
| | Ore milled | | 3,864 | 3,698 | 3,581 | 3,759 | 3,942 | 7,701 | 7,380 |

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| | | | | | | | | | |
|--|--|---------------|--------|--------|--------|--------|--------|--------|--------|
| | | ('000 tonnes) | | | | | | | |
| | Average copper grade | (%) | 1.13% | 1.03% | 1.00% | 0.97% | 1.03% | 1.00% | 1.10% |
| | Production | | | | | | | | |
| | Copper cathode | ('000 tonnes) | 33.8 | 31.3 | 31.3 | 32.5 | 33.1 | 65.6 | 68.2 |
| | Sales | | | | | | | | |
| | Copper cathode | ('000 tonnes) | 31.7 | 33.9 | 34.5 | 23.2 | 36.1 | 59.3 | 65.4 |
| | | | | | | | | | |
| | | | | | | | | | |
| | <u>Antamina, Peru (a)</u> | | | | | | | | |
| | Material mined (100%) | ('000 tonnes) | 19,970 | 20,548 | 28,990 | 30,235 | 25,797 | 56,032 | 19,970 |
| | Ore milled (100%) | ('000 tonnes) | 6,318 | 6,309 | 7,250 | 6,794 | 6,395 | 13,189 | 6,318 |
| | Average head grades | | | | | | | | |
| | - Copper | (%) | 1.42% | 1.31% | 1.43% | 1.33% | 1.41% | 1.37% | 1.42% |
| | - Zinc | (%) | 1.35% | 1.44% | 0.93% | 1.28% | 1.15% | 1.22% | 1.35% |
| | Production | | | | | | | | |
| | Payable copper | ('000 tonnes) | 26.2 | 25.1 | 30.5 | 25.7 | 26.4 | 52.1 | 26.2 |
| | Payable zinc | (tonnes) | 16,010 | 18,825 | 13,518 | 18,189 | 15,424 | 33,613 | 16,010 |
| | Payable silver | ('000 ounces) | 617 | 508 | 461 | 536 | 557 | 1,093 | 617 |
| | Sales | | | | | | | | |
| | Payable copper | ('000 tonnes) | 28.7 | 28.8 | 28.6 | 30.6 | 25.8 | 56.4 | 28.7 |
| | Payable zinc | (tonnes) | 8,983 | 23,028 | 15,009 | 19,184 | 14,407 | 33,591 | 8,983 |
| | Payable silver | ('000 ounces) | 596 | 595 | 489 | 590 | 530 | 1,120 | 596 |
| | | | | | | | | | |
| | (a) Commercial production commenced in October 2001. | | | | | | | | |
| | | | | | | | | | |
| | <u>Alumbraera, Argentina</u> | | | | | | | | |

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| | | | | | | | | | |
|--|--------------------------------|---------------|--------|--------|--------|--------|--------|--------|--------|
| | Material mined (100%) | ('000 tonnes) | 28,635 | 25,430 | 26,524 | 29,356 | 28,730 | 58,086 | 58,180 |
| | Ore milled (100%) | ('000 tonnes) | 7,142 | 7,146 | 7,575 | 8,034 | 8,703 | 16,737 | 14,658 |
| | Average head grades | | | | | | | | |
| | - Copper | (%) | 0.74% | 0.76% | 0.73% | 0.62% | 0.69% | 0.66% | 0.72% |
| | - Gold | (g/t) | 1.1 | 1.1 | 1.0 | 0.8 | 0.9 | 0.9 | 1.0 |
| | Production | | | | | | | | |
| | Payable copper | ('000 tonnes) | 11.9 | 12.3 | 12.8 | 11.1 | 13.4 | 24.5 | 23.5 |
| | Payable gold | (fine ounces) | 46,987 | 45,421 | 46,537 | 35,935 | 42,594 | 78,529 | 87,357 |
| | Payable gold - dore | (fine ounces) | 2,793 | 3,644 | 4,973 | 3,344 | 4,346 | 7,690 | 5,007 |
| | Payable silver | ('000 ounces) | 71 | 68 | 56 | 53 | 72 | 125 | 114 |
| | Sales | | | | | | | | |
| | Payable copper | ('000 tonnes) | 13.1 | 12.7 | 11.6 | 10.3 | 13.3 | 23.6 | 22.9 |
| | Payable gold | (fine ounces) | 48,223 | 47,261 | 36,874 | 33,957 | 42,381 | 76,338 | 82,684 |
| | Payable gold - dore | (fine ounces) | 1,829 | 3,710 | 4,466 | 3,082 | 4,409 | 7,491 | 3,839 |
| | Payable silver | ('000 ounces) | 71 | 67 | 67 | 53 | 72 | 125 | 113 |
| | <u>Highland Valley, Canada</u> | | | | | | | | |
| | Material mined (100%) | ('000 tonnes) | 20,883 | 18,322 | 18,522 | 20,455 | 18,682 | 39,137 | 40,793 |
| | Ore milled (100%) | ('000 tonnes) | 12,912 | 11,778 | 12,224 | 12,941 | 12,924 | 25,865 | 25,753 |
| | Average copper grade | (%) | 0.42% | 0.42% | 0.43% | 0.40% | 0.39% | 0.40% | 0.42% |
| | Production | | | | | | | | |
| | Payable copper | ('000 tonnes) | 15.6 | 14.2 | 16.1 | 14.9 | 14.3 | 29.2 | 31.7 |
| | Payable molybdenum | ('000 tonnes) | 0.15 | 0.12 | 0.23 | 0.22 | 0.25 | 0.47 | 0.30 |

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| | | | | | | | | | |
|--|------------------------------|---------------|--------|--------|--------|--------|--------|---------|---------|
| | Payable silver | ('000 ounces) | 167 | 168 | 183 | 162 | 159 | 321 | 357 |
| | Payable gold concentrate | (fine ounces) | 1,178 | 1,126 | 1,268 | 1,314 | 1,230 | 2,544 | 2,413 |
| | Sales | | | | | | | | |
| | Payable copper | ('000 tonnes) | 18.8 | 11.6 | 14.9 | 14.4 | 17.5 | 31.9 | 36.2 |
| | Payable molybdenum | ('000 tonnes) | 0.14 | 0.17 | 0.22 | 0.19 | 0.22 | 0.41 | 0.28 |
| | Payable silver | ('000 ounces) | 219 | 133 | 173 | 153 | 189 | 342 | 423 |
| | Payable gold concentrate | (fine ounces) | 2,062 | 1,096 | 1,467 | 1,240 | 1,644 | 2,884 | 3,902 |
| | | | | | | | | | |
| | | | | | | | | | |
| | <u>Cannington, Australia</u> | | | | | | | | |
| | Material mined | ('000 tonnes) | 555 | 569 | 574 | 631 | 573 | 1,204 | 1,098 |
| | Ore milled | ('000 tonnes) | 538 | 567 | 575 | 599 | 564 | 1,163 | 1,034 |
| | Average head grades | | | | | | | | |
| | - Silver | (g/t) | 567 | 619 | 675 | 564 | 535 | 550 | 582 |
| | - Lead | (%) | 12.1% | 12.7% | 13.6% | 11.7% | 11.9% | 11.8% | 12.6% |
| | - Zinc | (%) | 5.3% | 4.6% | 3.9% | 4.3% | 4.3% | 4.3% | 5.0% |
| | | | | | | | | | |
| | <u>Production</u> | | | | | | | | |
| | Payable silver | ('000 ounces) | 7,915 | 9,980 | 10,265 | 9,612 | 8,326 | 17,938 | 15,720 |
| | Payable lead | (tonnes) | 51,914 | 63,172 | 63,799 | 61,676 | 57,651 | 119,327 | 104,793 |
| | Payable zinc | (tonnes) | 17,285 | 15,002 | 12,511 | 15,182 | 14,721 | 29,903 | 31,343 |
| | Sales | | | | | | | | |
| | Payable silver | ('000 ounces) | 8,045 | 9,383 | 10,788 | 9,401 | 9,027 | 18,428 | 15,276 |
| | Payable lead | (tonnes) | 52,577 | 59,712 | 67,650 | 59,876 | 62,735 | 122,611 | 102,000 |
| | Payable zinc | (tonnes) | 17,850 | 19,105 | 14,761 | 12,077 | 14,849 | 26,926 | 31,069 |
| | | | | | | | | | |
| | <u>Selbaie, Canada</u> | | | | | | | | |
| | Ore milled | ('000 | 1,029 | 1,012 | 1,016 | 1,049 | 999 | 2,048 | 2,035 |

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| | | | | | | | | | |
|--|-----------------------------|---------------|-------|-------|-------|-------|-------|--------|--------|
| | | tonnes) | | | | | | | |
| | Average head grades | | | | | | | | |
| | - Zinc | (%) | 1.29% | 1.32% | 1.26% | 1.37% | 1.09% | 1.23% | 1.40% |
| | - Copper | (%) | 0.34% | 0.33% | 0.34% | 0.33% | 0.28% | 0.31% | 0.34% |
| | - Gold | (g/t) | 0.24 | 0.26 | 0.25 | 0.23 | 0.25 | 0.24 | 0.29 |
| | - Silver | (g/t) | 37.23 | 29.10 | 28.99 | 35.10 | 22.75 | 29.08 | 31.18 |
| | | | | | | | | | |
| | Production | | | | | | | | |
| | Payable zinc | (tonnes) | 7,896 | 8,495 | 8,121 | 9,840 | 6,540 | 16,380 | 17,580 |
| | Payable copper | (tonnes) | 2,616 | 2,452 | 2,642 | 2,789 | 2,111 | 4,900 | 5,092 |
| | Payable gold concentrate | (ounces) | 4,914 | 5,685 | 5,117 | 4,486 | 5,069 | 9,555 | 11,433 |
| | Payable silver | ('000 ounces) | 662 | 504 | 524 | 593 | 369 | 962 | 1,045 |
| | | | | | | | | | |
| | Sales | | | | | | | | |
| | Payable zinc | (tonnes) | 7,932 | 8,400 | 7,877 | 9,861 | 7,245 | 17,106 | 17,891 |
| | Payable copper | (tonnes) | 2,615 | 2,605 | 2,459 | 2,823 | 2,107 | 4,930 | 5,811 |
| | Payable gold concentrate | (ounces) | 8,002 | 5,048 | 5,142 | 5,932 | 3,082 | 9,014 | 16,114 |
| | Payable silver | ('000 ounces) | 321 | 605 | 573 | 527 | 478 | 1,005 | 605 |
| | | | | | | | | | |
| | Pering, South Africa | | | | | | | | |
| | Ore milled | ('000 tonnes) | 342 | 330 | 338 | 320 | 288 | 608 | 681 |
| | | | | | | | | | |
| | Average head grades | | | | | | | | |
| | - Zinc | (%) | 1.90% | 1.73% | 1.85% | 2.21% | 3.34% | 2.75% | 1.96% |
| | - Lead | (%) | 0.54% | 0.42% | 0.52% | 0.66% | 0.40% | 0.54% | 0.52% |
| | | | | | | | | | |
| | Production | | | | | | | | |
| | Payable zinc | (tonnes) | 5,583 | 4,851 | 4,793 | 5,331 | 7,430 | 12,761 | 11,471 |
| | Payable lead | (tonnes) | 1,288 | 892 | 969 | 1,567 | 694 | 2,261 | 2,441 |
| | | | | | | | | | |
| | Sales | | | | | | | | |
| | Payable zinc | (tonnes) | 4,859 | 4,745 | 3,667 | 3,701 | 6,179 | 9,880 | 9,791 |
| | Payable lead | (tonnes) | 1,217 | 1,298 | 729 | 1,367 | 1,327 | 2,694 | 2,583 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| | | | | | | | | | |
|---|---------------|--------|--------|--------|--------|--------|--------|--------|-----|
| <u>San Manuel, USA (a)</u> | | | | | | | | | |
| Production | | | | | | | | | |
| Copper cathode (SXEW) | ('000 tonnes) | 2.2 | 1.8 | - | - | - | - | - | 4.5 |
| (a) San Manuel SXEW operations closed in March 2002. | | | | | | | | | |
| <u>Pinto Valley, USA</u> | | | | | | | | | |
| Production | | | | | | | | | |
| Copper cathode (SXEW) | ('000 tonnes) | 3.4 | 3.1 | 2.8 | 2.8 | 2.7 | 5.5 | 6.9 | |
| Sales | | | | | | | | | |
| Copper cathode (SXEW) | ('000 tonnes) | 2.3 | 4.4 | 2.9 | 2.7 | 2.6 | 5.3 | 5.4 | |
| PRODUCTION AND SHIPMENT REPORT | | | | | | | | | |
| QUARTER ENDED | | | | | | | | | |
| HALF YEAR ENDED | | | | | | | | | |
| DEC MARCH JUNE SEPT DEC DEC DEC | | | | | | | | | |
| 2001 2002 2002 2002 2002 2002 2001 | | | | | | | | | |
| CARBON STEEL MATERIALS | | | | | | | | | |
| BHP Billiton attributable production and sales unless otherwise stated. | | | | | | | | | |
| ('000 tonnes) | | | | | | | | | |
| <u>IRON ORE (a)</u> | | | | | | | | | |
| <u>Pilbara, Australia</u> | | | | | | | | | |
| Production | | | | | | | | | |
| Mt Newman Joint Venture | | 6,423 | 5,565 | 5,413 | 5,486 | 5,287 | 10,773 | 12,396 | |
| Goldsworthy Joint Venture (b) | | 1,667 | 1,434 | 1,690 | 1,891 | 1,808 | 3,699 | 3,323 | |
| Yandi Joint Venture | | 6,933 | 6,614 | 6,663 | 7,796 | 8,187 | 15,983 | 13,979 | |
| Jimblebar | | 1,332 | 1,211 | 1,476 | 1,433 | 1,186 | 2,619 | 2,514 | |
| Total (BHP Billiton share) | | 16,355 | 14,824 | 15,242 | 16,606 | 16,468 | 33,074 | 32,213 | |

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| | | | | | | | | | |
|--|---|--|--------|--------|--------|--------|--------|--------|--------|
| | Total production (100%) | | 19,006 | 17,226 | 17,671 | 19,284 | 19,165 | 38,449 | 37,453 |
| | Shipments | | | | | | | | |
| | Lump | | 3,483 | 3,316 | 4,151 | 4,335 | 4,290 | 8,625 | 7,212 |
| | Fines | | 12,025 | 11,083 | 10,517 | 11,842 | 13,896 | 25,738 | 24,359 |
| | Total (BHP Billiton share) | | 15,508 | 14,399 | 14,668 | 16,177 | 18,186 | 34,363 | 31,571 |
| | Total shipments (100%) | | 18,245 | 16,940 | 17,256 | 19,033 | 21,396 | 40,429 | 37,142 |
| | (a) Iron ore production and shipments are reported on a wet tonnes basis. | | | | | | | | |
| | (b) Includes bulk sample production from Mining Area C. | | | | | | | | |
| | <u>Samarco, Brazil</u> | | | | | | | | |
| | Production | | 928 | 1,640 | 1,838 | 2,022 | 1,979 | 4,001 | 2,151 |
| | Shipments | | 1,440 | 1,705 | 1,768 | 2,034 | 2,004 | 4,038 | 2,596 |
| | METALLURGICAL COAL (a) | | | | | | | | |
| | <u>Queensland, Australia</u> | | | | | | | | |
| | Production | | | | | | | | |
| | <u>BMA</u> | | | | | | | | |
| | Blackwater | | 1,305 | 1,892 | 1,669 | 1,633 | 1,603 | 3,236 | 2,282 |
| | Goonyella | | 850 | 1,036 | 904 | 734 | 812 | 1,546 | 1,836 |
| | Peak Downs | | 730 | 1,028 | 1,185 | 789 | 757 | 1,546 | 1,615 |
| | Saraji | | 528 | 676 | 716 | 427 | 629 | 1,056 | 1,155 |
| | Norwich Park | | 495 | 524 | 527 | 573 | 451 | 1,024 | 1,022 |
| | South Blackwater (b) | | 524 | - | - | - | - | - | 1,194 |
| | Gregory | | 408 | 861 | 685 | 496 | 780 | 1,276 | 894 |
| | BMA total | | 4,840 | 6,017 | 5,686 | 4,652 | 5,032 | 9,684 | 9,998 |
| | <u>BHP Mitsui Coal (c)</u> | | | | | | | | |
| | Riverside | | 649 | 907 | 928 | 927 | 400 | 1,327 | 1,567 |
| | | | 817 | 800 | 818 | 936 | 1,072 | 2,008 | 1,723 |

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| | | | | | | | | | |
|--|-------------------------|-------|-------|-------|-------|-------|--------|--------|--|
| | South Walker Creek | | | | | | | | |
| | BHP Mitsui Coal total | 1,467 | 1,707 | 1,746 | 1,863 | 1,472 | 3,335 | 3,290 | |
| | <u>Queensland total</u> | 6,307 | 7,724 | 7,432 | 6,515 | 6,504 | 13,019 | 13,288 | |
| | Shipments | | | | | | | | |
| | Coking coal | 4,011 | 4,799 | 5,252 | 4,165 | 4,034 | 8,199 | 8,815 | |
| | Weak coking coal | 1,674 | 1,604 | 1,124 | 1,739 | 1,503 | 3,242 | 3,267 | |
| | Thermal coal | 704 | 764 | 734 | 1,022 | 800 | 1,822 | 1,335 | |
| | Total | 6,390 | 7,167 | 7,110 | 6,926 | 6,337 | 13,263 | 13,417 | |
| (a) Coal production is reported on the basis of saleable product. Production figures include some thermal coal. | | | | | | | | | |
| (b) BHP Billiton acquired its share of South Blackwater in July 2001. South Blackwater is equally owned by BHP Billiton and Mitsubishi Development Pty Ltd. Effective January 2002, South Blackwater production is included in Blackwater. | | | | | | | | | |
| (c) BHP Mitsui Coal production shown on 100% basis before 20% outside equity interest. | | | | | | | | | |
| <u>Illawarra, Australia</u> | | | | | | | | | |
| | Production | 1,841 | 1,265 | 1,927 | 2,135 | 1,886 | 4,021 | 3,896 | |
| | Shipments | | | | | | | | |
| | Coking coal | 1,655 | 1,555 | 1,543 | 1,515 | 1,900 | 3,415 | 3,112 | |
| | Thermal coal | 94 | 49 | 268 | 134 | 95 | 229 | 230 | |
| | Total | 1,749 | 1,604 | 1,811 | 1,649 | 1,995 | 3,644 | 3,342 | |
| MANGANESE ORES | | | | | | | | | |
| <u>South Africa</u> | | | | | | | | | |
| | Saleable production (a) | 501 | 424 | 475 | 581 | 560 | 1,141 | 968 | |
| (a) Shown on 100% basis, BHP Billiton interest in saleable production is 60%. | | | | | | | | | |
| <u>Australia</u> | | | | | | | | | |
| | Saleable production (a) | 387 | 467 | 309 | 514 | 499 | 1,013 | 892 | |

| | | | | | | | | | |
|---|---|--|---------------|-------|------|------|------|-----------------|------|
| | | | | | | | | | |
| | (a) Shown on 100% basis, BHP Billiton interest in saleable production is 60%. | | | | | | | | |
| | | | | | | | | | |
| MANGANESE ALLOYS | | | | | | | | | |
| <u>South Africa</u> | | | | | | | | | |
| | Saleable production (a) | | 101 | 115 | 121 | 124 | 125 | 249 | 170 |
| | | | | | | | | | |
| | (a) Shown on 100% basis, BHP Billiton interest in saleable production is 60%. | | | | | | | | |
| | | | | | | | | | |
| <u>Australia</u> | | | | | | | | | |
| | Saleable production (a) | | 63 | 51 | 48 | 51 | 65 | 116 | 113 |
| | | | | | | | | | |
| | (a) Shown on 100% basis, BHP Billiton interest in saleable production is 60%. | | | | | | | | |
| | | | | | | | | | |
| HOT BRIQUETTED IRON | | | | | | | | | |
| <u>Boodarie™ Iron, Australia (a)</u> | | | | | | | | | |
| | Production | | 384 | 277 | - | 333 | 414 | 747 | 770 |
| | | | | | | | | | |
| | Shipments | | 302 | 391 | 93 | 202 | 464 | 666 | 660 |
| | | | | | | | | | |
| | (a) Boodarie Iron recommenced production in July 2002 following the suspension of operations due to a tube failure in a gas re-heating furnace. | | | | | | | | |
| | | | | | | | | | |
| PRODUCTION AND SHIPMENT REPORT | | | | | | | | | |
| | | | QUARTER ENDED | | | | | HALF YEAR ENDED | |
| | | | DEC | MARCH | JUNE | SEPT | DEC | DEC | DEC |
| | | | 2001 | 2002 | 2002 | 2002 | 2002 | 2002 | 2001 |
| DIAMONDS AND SPECIALTY PRODUCTS | | | | | | | | | |
| BHP Billiton attributable production and sales unless otherwise stated. | | | | | | | | | |
| | | | | | | | | | |
| DIAMONDS | | | | | | | | | |

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| | | | | | | | | | |
|---|---|---------------|---------------|--------|--------|--------|--------|-----------------|--------|
| <u>Ekati™, Canada</u> | | | | | | | | | |
| | Production | ('000 carats) | 928 | 932 | 1,023 | 954 | 1,071 | 2,025 | 1,695 |
| | | | | | | | | | |
| | | | | | | | | | |
| PRODUCTION AND SHIPMENT REPORT | | | | | | | | | |
| | | | QUARTER ENDED | | | | | HALF YEAR ENDED | |
| | | | DEC | MARCH | JUNE | SEPT | DEC | DEC | DEC |
| | | | 2001 | 2002 | 2002 | 2002 | 2002 | 2002 | 2001 |
| ENERGY COAL | | | | | | | | | |
| BHP Billiton attributable production and sales unless otherwise stated. | | | | | | | | | |
| ('000 tonnes) | | | | | | | | | |
| | | | | | | | | | |
| <u>Ingwe, South Africa</u> | | | | | | | | | |
| | Production | | 13,724 | 13,633 | 13,815 | 13,838 | 13,333 | 27,171 | 28,262 |
| | Sales | | | | | | | | |
| | Export | | 6,083 | 5,605 | 5,744 | 5,648 | 6,609 | 12,257 | 12,372 |
| | Local utility | | 6,780 | 6,979 | 7,767 | 7,836 | 7,263 | 15,099 | 14,257 |
| | Inland | | 1,111 | 835 | 742 | 471 | 412 | 883 | 2,203 |
| | Total | | 13,974 | 13,418 | 14,253 | 13,955 | 14,284 | 28,239 | 28,832 |
| <u>New Mexico, USA</u> | | | | | | | | | |
| | Production | | | | | | | | |
| | Navajo Coal | | 1,682 | 1,801 | 2,030 | 1,602 | 2,154 | 3,756 | 3,376 |
| | San Juan Coal (a) | | 1,488 | 1,465 | 1,673 | 1,303 | 2,186 | 3,489 | 2,900 |
| | Total | | 3,170 | 3,266 | 3,703 | 2,905 | 4,340 | 7,245 | 6,276 |
| | Sales - local utility | | 3,489 | 2,882 | 3,469 | 3,546 | 3,348 | 6,894 | 6,896 |
| | (a) Includes production from longwall operations commenced at San Juan in October 2002. | | | | | | | | |
| <u>Hunter Valley, Australia</u> | | | | | | | | | |
| | Production | | 863 | 1,129 | 1,390 | 1,244 | 1,234 | 2,478 | 2,036 |
| | Sales | | | | | | | | |

| | | | | | | | | | | |
|---|--|--|---------------|-------|-------|-------|-------|-----------------|-------|--|
| | Export | | 571 | 904 | 1,056 | 783 | 881 | 1,664 | 1,175 | |
| | Inland | | 378 | 342 | 337 | 366 | 276 | 642 | 776 | |
| | Total | | 949 | 1,246 | 1,393 | 1,149 | 1,157 | 2,306 | 1,951 | |
| Kalimantan, Indonesia | | | | | | | | | | |
| | Production (a) | | | | | | | | | |
| | Senakin (b) | | 801 | - | - | - | - | - | 1,962 | |
| | Satui (b) | | 777 | - | - | - | - | - | 1,845 | |
| | Petangis | | 201 | 186 | 208 | 216 | 29 | 245 | 422 | |
| | Total | | 1,778 | 186 | 208 | 216 | 29 | 245 | 4,228 | |
| | Sales - export | | 1,684 | 242 | 243 | 189 | 49 | 238 | 3,996 | |
| | (a) Reported on 86.5% basis after allowing for the Indonesian state-owned corporation's 13.5% share of all production. | | | | | | | | | |
| | (b) BHP Billiton sold its interest in Senakin and Satui effective 30 November 2001. | | | | | | | | | |
| Cerrejon Coal, Colombia | | | | | | | | | | |
| | Production | | 1,088 | 1,022 | 1,455 | 1,231 | 1,713 | 2,944 | 2,226 | |
| | Sales - export | | 688 | 971 | 1,144 | 1,246 | 1,851 | 3,097 | 1,786 | |
| | (a) BHP Billiton increased its interest in CZN from 16.7% to 33.3% effective February 2002. | | | | | | | | | |
| PRODUCTION AND SHIPMENT REPORT | | | | | | | | | | |
| | | | QUARTER ENDED | | | | | HALF YEAR ENDED | | |
| | | | DEC | MARCH | JUNE | SEPT | DEC | DEC | DEC | |
| | | | 2001 | 2002 | 2002 | 2002 | 2002 | 2002 | 2001 | |
| STAINLESS STEEL MATERIALS | | | | | | | | | | |
| BHP Billiton attributable production and sales unless otherwise stated. | | | | | | | | | | |
| ('000 tonnes) | | | | | | | | | | |
| NICKEL | | | | | | | | | | |
| CMSA, Colombia | | | | | | | | | | |
| | Production | | 10.4 | 10.5 | 9.9 | 11.7 | 11.9 | 23.6 | 20.0 | |

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| | | | | | | | | | | |
|--------------------------|---|--|------|------|------|------|------|-------|-------|--|
| | | | | | | | | | | |
| | Sales | | 10.4 | 10.5 | 11.6 | 10.5 | 12.8 | 23.3 | 19.5 | |
| <u>Yabulu, Australia</u> | | | | | | | | | | |
| | Production | | | | | | | | | |
| | Nickel | | 7.1 | 7.3 | 7.8 | 7.4 | 7.5 | 14.9 | 13.4 | |
| | Cobalt | | 0.4 | 0.5 | 0.4 | 0.5 | 0.5 | 1.0 | 0.8 | |
| | | | | | | | | | | |
| | Sales | | | | | | | | | |
| | Nickel | | 6.9 | 7.3 | 7.1 | 7.1 | 8.3 | 15.4 | 14.6 | |
| | Cobalt | | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 1.0 | 0.9 | |
| CHROME ORES | | | | | | | | | | |
| <u>South Africa</u> | | | | | | | | | | |
| | Saleable production (a) | | 609 | 549 | 664 | 713 | 714 | 1,427 | 1,238 | |
| | (a) Shown on 100% basis, BHP Billiton interest in saleable production is 60%. | | | | | | | | | |
| FERROCHROME | | | | | | | | | | |
| <u>South Africa</u> | | | | | | | | | | |
| | Saleable production (a) | | 206 | 201 | 223 | 238 | 230 | 468 | 413 | |
| | (a) Shown on 100% basis, BHP Billiton interest in saleable production is 60%. | | | | | | | | | |

BHP Billiton Limited ABN 49 004 028 077

BHP Billiton Plc Registration number 3196209

Registered in Australia
Registered Office: 600 Bourke Street Melbourne Victoria 3000
Telephone +61 3 9609 3333 Facsimile +61 3 9609 3015

Registered in England and Wales
Registered Office: 1-3 Strand London WC2N 5HA United Kingdom
Telephone +44 20 7747 3800 Facsimile +44 20 7747 3900

The BHP Billiton Group is headquartered in Australia