# NEWS RELEASE

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## BHP BILLITON PRODUCTION REPORT FOR THE HALF YEAR ENDED 31 DECEMBER 2009

- **Another half year production record for petroleum and iron ore, due to successful growth project delivery. Half year production records were also set for nickel and zinc.**
- **Half year production records achieved at Western Australia Iron Ore, North West Shelf, Hunter Valley Energy Coal, Poitrel and Nickel West (all Australia), Samarco and Alumar refinery (both Brazil) and Zamzama (Pakistan).**
- **Quarterly production records achieved for alumina and nickel, and at North West Shelf, Nickel West, Alumar refinery and Zamzama.**
- **During the half year first production was achieved at Western Australia Iron Ore Rapid Growth Project 4 (RGP4), Alumar refinery expansion and Klipspruit expansion (South Africa), reflecting our continued investment through the cycle. With the completion of RGP4, Western Australia Iron Ore operations would have more than doubled its installed capacity since the accelerated growth program commenced in 2002.**

During the December quarter we saw strong price recovery across the commodity suite driven by demand in China and restocking in the developed world.

Government stimulus measures appear to have supported a gradual return to normalised global trade, albeit from a low base, and most key indicators across the developed economies showed improvement.

Going forward the speed of recovery in the developed economies remains uncertain, particularly considering the eventual withdrawal of government stimulus. In China the impact of measures to control loan growth will add another future variable.

Consequently we expect some degree of volatility in the short term outlook for our commodities.

## Petroleum

| | DEC 2009 HALF | DEC 2009 QTR | DEC H09 vs DEC H08 | DEC Q09 vs DEC Q08 | DEC Q09 vs SEPT Q09 |
|---|---|---|---|---|---|
| Crude Oil, Condensate and Natural Gas Liquids ('000 bbl) | 47,561 | 22,893 | 28% | 26% | -7% |
| Natural Gas (bcf) | 192.05 | 92.81 | 4% | 3% | -6% |
| Total Petroleum Products (million boe) | 79.57 | 38.36 | 17% | 16% | -7% |

**Total Petroleum Production** – Petroleum has delivered another half year production record. Production was higher than the December 2008 half year due to ramp up of Shenzi (USA), strong reservoir performance from Atlantis and no weather related interruptions. The December 2009 quarter production decreased against the previous quarter due lower seasonal demand in eastern Australia and planned downtime at Gulf of Mexico non-operated assets – Mad Dog and Atlantis (all USA).

**Crude Oil, Condensate, and Natural Gas Liquids** – Crude and condensate production was significantly higher than the December 2008 half year due to Shenzi start-up, with the facility operating above design capacity. Strong reservoir performance from Atlantis and the lack of hurricane downtime also contributed to the significant increase in production.

Production was down against the September 2009 quarter due to natural field decline, lower seasonal associated gas demand in eastern Australia and planned maintenance in Gulf of Mexico assets.

**Natural Gas** – Production was higher than the December 2008 half year mainly due to the contribution from recently commissioned growth projects in North West Shelf (Australia) and strong natural gas production in Pakistan. Production was down against the September 2009 quarter mainly due to lower seasonal demand in eastern Australia.

## Aluminium

| | DEC 2009 HALF | DEC 2009 QTR | DEC H09 vs DEC H08 | DEC Q09 vs DEC Q08 | DEC Q09 vs SEPT Q09 |
|---|---|---|---|---|---|
| Alumina ('000 tonnes) (a) | 1,780 | 939 | 1% | 5% | 12% |
| Aluminium ('000 tonnes) | 626 | 313 | 1% | 1% | 0% |

**Alumina** – Production was higher than all comparative periods due to the continued ramp up of the Alumar refinery expansion. Alumar is currently operating at 80 per cent of the new nameplate capacity and is expected to reach full capacity by the end of June 2010. However, production during the September 2009 quarter was impacted by an unplanned calciner outage at Worsley Alumina (Australia). The Worsley stockpiled hydrate is expected to be recovered by the end of the June 2010 financial year.

**Aluminium** – Production across all operations was in line with comparative periods.

## Base Metals

| | DEC 2009 HALF | DEC 2009 QTR | DEC H09 vs DEC H08 | DEC Q09 vs DEC Q08 | DEC Q09 vs SEPT Q09 |
|---|---|---|---|---|---|
| Copper ('000 tonnes) | 555.0 | 271.1 | -10% | -12% | -5% |
| Lead (tonnes) | 124,433 | 63,073 | 0% | -4% | 3% |
| Zinc (tonnes) | 106,260 | 59,835 | 33% | 58% | 29% |
| Silver ('000 ounces) | 22,458 | 11,689 | 3% | 2% | 9% |
| Uranium Oxide Concentrate (Uranium) (tonnes) | 1,478 | 348 | -25% | -60% | -69% |

**Copper** – Production was lower than comparative periods mainly due to the Clark Shaft outage at Olympic Dam (Australia), reducing production by approximately 20 thousand tonnes, and industrial action at Spence (Chile), which led to decreased production of approximately 28 thousand tonnes. This was partially offset by stronger production at Escondida (Chile) due to higher grade and the return of the Laguna Seca SAG mill to full operation, following the successful repairs completed in the September 2009 quarter.

The cessation of Pinto Valley (USA) sulphide mining in February 2009 also impacted production when compared to the December 2008 half year and quarter.

Olympic Dam ore hoisting continued to operate at approximately 25 per cent of capacity. Mining of higher grade ore zones has been prioritised following the Clark Shaft incident. Repairs to the Clark Shaft haulage system are progressing well. Currently, Clark Shaft production is expected to resume in the March 2010 quarter, however, we will regularly review the repairs development.

At 31 December 2009 the Group had 260,240 tonnes of outstanding copper sales that were revalued at a weighted average price of US$7,297 per tonne. The final price of these sales will be determined in 2010. In addition, 234,871 tonnes of copper sales from the 2009 financial year were subject to a finalisation adjustment in the current period. The finalisation adjustment and provisional pricing impact as at 31 December 2009 will increase earnings[(b)] by US$467 million for the period.

**Lead –** Production was in line with all comparative periods.

**Zinc –** Production was higher than all comparative periods due to increased zinc grade at Antamina and Cannington (Australia).

**Silver** – Production was higher than all comparative periods due to increased production at Antamina and Escondida, and higher ore milled at Cannington.

**Uranium** – Production during the December 2009 quarter was impacted by the Olympic Dam incident noted above.

## Diamonds & Specialty Products

| | DEC 2009 HALF | DEC 2009 QTR | DEC H09 vs DEC H08 | DEC Q09 vs DEC Q08 | DEC Q09 vs SEPT Q09 |
|---|---|---|---|---|---|
| Diamonds ('000 carats) | 1,540 | 760 | 13% | 28% | -3% |

**Diamonds** – Production was higher than the December 2008 half year and quarter due to an increase in ore processed and the full ramp up of the Koala Underground (Canada) mine which contains a larger proportion of higher value carats. Production continues to be influenced by variability of ore sources due to the mix of open pit and underground mining.

## Stainless Steel Materials

| | DEC 2009 HALF | DEC 2009 QTR | DEC H09 vs DEC H08 | DEC Q09 vs DEC Q08 | DEC Q09 vs SEPT Q09 |
|---|---|---|---|---|---|
| Nickel ('000 tonnes) (c) | 84.4 | 49.0 | 45% | 20% | 38% |

**Nickel** – Production was higher than all comparative periods due to record performance at Nickel West (Australia). The September 2009 quarter was impacted by planned maintenance at Cerro Matoso (Colombia) and a restriction in hydrogen supply at the Kwinana Nickel Refinery (Australia). The December 2008 half year also included the major furnace rebuild at the Kalgoorlie Nickel Smelter (Australia). In the December 2009 quarter, the Kalgoorlie Nickel Smelter achieved record quarterly production.

## Iron Ore

| | DEC 2009 HALF | DEC 2009 QTR | DEC H09 vs DEC H08 | DEC Q09 vs DEC Q08 | DEC Q09 vs SEPT Q09 |
|---|---|---|---|---|---|
| Iron Ore ('000 tonnes) | 62,555 | 32,449 | 6% | 11% | 8% |

**Iron Ore** – Record production and shipments were achieved for the half year and quarter ended December 2009 through the utilisation of rail and port infrastructure improvements as part of RGP4. Ramp up of RGP4 is continuing with full capacity expected to be achieved by the end of calendar year 2011. Including RGP4, the full installed capacity across the Western Australia Iron Ore operations is 155 million tonnes per annum (100 per cent basis).

For the half year ended December 2009, 54 per cent of Western Australia Iron Ore shipments on a wet metric tonne basis were based on annually agreed pricing, with the remainder sold on shorter term reference pricing.

## Manganese

| | DEC 2009 HALF | DEC 2009 QTR | DEC H09 vs DEC H08 | DEC Q09 vs DEC Q08 | DEC Q09 vs SEPT Q09 |
|---|---|---|---|---|---|
| Manganese Ore ('000 tonnes) | 2,693 | 1,537 | -17% | 9% | 33% |
| Manganese Alloy ('000 tonnes) | 194 | 131 | -49% | -28% | 108% |

**Manganese Ore** – As expected, production for the December 2009 quarter was higher in line with improved demand. Production is expected to return to normal levels in the March 2010 quarter.

**Manganese Alloy** – As highlighted in the previous report, December 2009 quarter production was approximately 65 per cent of capacity. Furnaces restarted since the September 2009 quarter are progressively ramping up as the demand environment improves. Production is expected to be at full capacity towards the end of the March 2010 quarter.

## Metallurgical Coal

| | DEC 2009 HALF | DEC 2009 QTR | DEC H09 vs DEC H08 | DEC Q09 vs DEC Q08 | DEC Q09 vs SEPT Q09 |
|---|---|---|---|---|---|
| Metallurgical Coal ('000 tonnes) | 18,297 | 8,893 | -5% | -12% | -5% |

**Metallurgical Coal** – The December 2009 quarterly production was impacted by planned maintenance at Queensland Coal and planned longwall moves at Illawarra Coal (both Australia). The Illawarra Coal longwall moves will continue to impact production in the March 2010 quarter. Despite lower production, record quantities of coking coal were shipped during the half year in response to stronger demand conditions.

## Energy Coal

| | DEC 2009 HALF | DEC 2009 QTR | DEC H09 vs DEC H08 | DEC Q09 vs DEC Q08 | DEC Q09 vs SEPT Q09 |
|---|---|---|---|---|---|
| Energy Coal ('000 tonnes) | 35,519 | 15,460 | -1% | -3% | -14% |

**Energy Coal** – Production in the December 2009 quarter was impacted by planned and unplanned interruptions across various operations. Production at Cerrejon (Colombia) was constrained by lower demand. New Mexico (USA) was impacted by planned outages and South African mines were impacted by unplanned maintenance and weather interruptions.

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(a) Excluding Suriname which was sold effective 31 July 2009.

(b) Earnings before interest and tax.

(c) Excluding Yabulu which was sold effective 31 July 2009.

Throughout this report, unless otherwise stated, production volumes refer to BHP Billiton share and exclude suspended and sold operations.

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## BHP BILLITON PRODUCTION SUMMARY - CONTINUING OPERATIONS

| | | QUARTER ENDED | | | HALF YEAR ENDED | | % CHANGE | | |
|---|---|---|---|---|---|---|---|---|---|
| | | DEC 2008 | SEPT 2009 | **DEC 2009** | **DEC 2009** | DEC 2008 | DEC H09 vs DEC H08 | DEC Q09 vs DEC Q08 | DEC Q09 vs SEPT Q09 |
| **PETROLEUM** | | | | | | | | | |
| Crude oil & condensate | ('000 bbl) | 16,012 | 21,648 | **20,506** | **42,154** | 32,192 | 31% | 28% | -5% |
| Natural gas | (bcf) | 90.23 | 99.24 | **92.81** | **192.05** | 185.50 | 4% | 3% | -6% |
| Natural gas liquid | ('000 bbl) | 2,107 | *3,020* | **2,387** | **5,407** | 4,847 | 12% | 13% | -21% |
| Total Petroleum Products | (million boe) | 33.16 | 41.21 | **38.36** | **79.57** | 67.96 | 17% | 16% | -7% |
| **ALUMINIUM** | | | | | | | | | |
| Alumina (a) | ('000 tonnes) | 897 | 841 | **939** | **1,780** | 1,754 | 1% | 5% | 12% |
| Aluminium | ('000 tonnes) | 310 | 313 | **313** | **626** | 619 | 1% | 1% | 0% |
| **BASE METALS** | | | | | | | | | |
| Copper | ('000 tonnes) | 308.2 | 283.9 | **271.1** | **555.0** | 617.1 | -10% | -12% | -5% |
| Lead | (tonnes) | 66,022 | 61,370 | **63,073** | **124,443** | 124,274 | 0% | -4% | 3% |
| Zinc | (tonnes) | 37,870 | 46,425 | **59,835** | **106,260** | 79,631 | 33% | 58% | 29% |
| Gold | (ounces) | 45,790 | 39,911 | **45,041** | **84,952** | 87,541 | -3% | -2% | 13% |
| Silver | ('000 ounces) | 11,515 | 10,769 | **11,689** | **22,458** | 21,815 | 3% | 2% | 9% |
| Uranium oxide concentrate | (tonnes) | 860 | 1,130 | **348** | **1,478** | 1,970 | -25% | -60% | -69% |
| Molybdenum | (tonnes) | 411 | 241 | **113** | **354** | 1,019 | -65% | -73% | -53% |
| **DIAMONDS AND SPECIALTY PRODUCTS** | | | | | | | | | |
| Diamonds | ('000 carats) | 594 | 780 | **760** | **1,540** | 1,367 | 13% | 28% | -3% |
| **STAINLESS STEEL MATERIALS** | | | | | | | | | |
| Nickel (b) | ('000 tonnes) | 40.7 | 35.4 | **49.0** | **84.4** | 58.4 | 45% | 20% | 38% |
| **IRON ORE** | | | | | | | | | |
| Iron ore | ('000 tonnes) | 29,355 | 30,106 | **32,449** | **62,555** | 59,179 | 6% | 11% | 8% |
| **MANGANESE** | | | | | | | | | |
| Manganese ore | ('000 tonnes) | 1,412 | 1,156 | **1,537** | **2,693** | 3,242 | -17% | 9% | 33% |
| Manganese alloy | ('000 tonnes) | 181 | 63 | **131** | **194** | 384 | -49% | -28% | 108% |
| **METALLURGICAL COAL** | | | | | | | | | |
| Metallurgical coal | ('000 tonnes) | 10,150 | 9,404 | **8,893** | **18,297** | 19,360 | -5% | -12% | -5% |
| **ENERGY COAL** | | | | | | | | | |
| Energy coal | ('000 tonnes) | 15,929 | 18,059 | **15,460** | **33,519** | 33,993 | -1% | -3% | -14% |

(a) Excluding Suriname which was sold effective 31 July 2009.
(b) Excluding Yabulu which was sold effective 31 July 2009.

Throughout this report figures in italics indicate that this figure has been adjusted since it was previously reported.

## BHP BILLITON ATTRIBUTABLE PRODUCTION

| | BHP Billiton Interest | QUARTER ENDED DEC 2008 | MAR 2009 | JUNE 2009 | SEPT 2009 | **DEC 2009** | HALF YEAR ENDED **DEC 2009** | DEC 2008 |
|---|---|---|---|---|---|---|---|---|
| **PETROLEUM** | | | | | | | | |
| **Production** | | | | | | | | |
| Crude oil & condensate ('000 bbl) | | 16,012 | 15,613 | 18,523 | 21,648 | **20,506** | **42,154** | 32,192 |
| Natural gas (bcf) | | 90.23 | 82.19 | 97.17 | 99.24 | **92.81** | **192.05** | 185.50 |
| NGL ('000 bbl) (a) | | 2,107 | 2,361 | 2,840 | *3,020* | **2,387** | **5,407** | 4,847 |
| Total Petroleum Products (million boe) | | 33.16 | 31.67 | 37.56 | 41.21 | **38.36** | **79.57** | 67.96 |
| **ALUMINIUM** | | | | | | | | |
| **ALUMINA** | | | | | | | | |
| **Production ('000 tonnes)** | | | | | | | | |
| Worsley | 86% | 756 | 688 | 747 | 709 | **755** | **1,464** | 1,489 |
| Suriname (b) | 45% | 242 | 226 | 226 | 78 | **-** | **78** | 483 |
| Alumar | 36% | 141 | 137 | 135 | 132 | **184** | **316** | 265 |
| Total | | 1,139 | 1,051 | 1,108 | 919 | **939** | **1,858** | 2,237 |
| **ALUMINIUM** | | | | | | | | |
| **Production ('000 tonnes)** | | | | | | | | |
| Hillside | 100% | 176 | 174 | 177 | 179 | **180** | **359** | 351 |
| Bayside | 100% | 25 | 24 | 25 | 25 | **25** | **50** | 50 |
| Alumar | 40% | 44 | 44 | 44 | 44 | **43** | **87** | 89 |
| Mozal | 47% | 65 | 62 | 64 | 65 | **65** | **130** | 129 |
| Total | | 310 | 304 | 310 | 313 | **313** | **626** | 619 |
| **BASE METALS (c)** | | | | | | | | |
| **COPPER** | | | | | | | | |
| **Payable metal in concentrate ('000 tonnes)** | | | | | | | | |
| Escondida | 57.5% | 102.7 | 86.6 | 111.5 | 102.8 | **130.6** | **233.4** | 219.5 |
| Antamina | 33.8% | 28.6 | 25.7 | 26.3 | 24.3 | **26.6** | **50.9** | 57.0 |
| Pinto Valley (d) | 100% | 14.7 | 4.4 | - | - | **-** | **-** | 28.9 |
| Total | | 146.0 | 116.7 | 137.8 | 127.1 | **157.2** | **284.3** | 305.4 |
| **Cathode ('000 tonnes)** | | | | | | | | |
| Escondida | 57.5% | 42.1 | 45.0 | 49.4 | 47.9 | **45.9** | **93.8** | 77.7 |
| Cerro Colorado | 100% | 26.3 | 26.5 | 27.5 | 18.6 | **21.6** | **40.2** | 48.1 |
| Spence | 100% | 44.5 | 47.7 | 44.8 | 51.0 | **18.8** | **69.8** | 80.2 |
| Pinto Valley (d) | 100% | 1.7 | 1.5 | 1.4 | 1.6 | **1.5** | **3.1** | 3.3 |
| Olympic Dam | 100% | 47.6 | 45.4 | 46.3 | 37.7 | **26.1** | **63.8** | 102.4 |
| Total | | 162.2 | 166.1 | 169.4 | 156.8 | **113.9** | **270.7** | 311.7 |
| **LEAD** | | | | | | | | |
| **Payable metal in concentrate (tonnes)** | | | | | | | | |
| Cannington | 100% | 65,622 | 46,259 | 57,145 | 60,879 | **61,701** | **122,580** | 123,390 |
| Antamina | 33.8% | 400 | 976 | 1,397 | 491 | **1,372** | **1,863** | 884 |
| Total | | 66,022 | 47,235 | 58,542 | 61,370 | **63,073** | **124,443** | 124,274 |
| **ZINC** | | | | | | | | |
| **Payable metal in concentrate (tonnes)** | | | | | | | | |
| Cannington | 100% | 14,199 | 12,943 | 13,258 | 15,190 | **18,324** | **33,514** | 28,648 |
| Antamina | 33.8% | 23,671 | 26,454 | 30,929 | 31,235 | **41,511** | **72,746** | 50,983 |
| Total | | 37,870 | 39,397 | 44,187 | 46,425 | **59,835** | **106,260** | 79,631 |

Refer footnotes on page 4.

## BHP BILLITON ATTRIBUTABLE PRODUCTION

| | BHP Billiton Interest | QUARTER ENDED DEC 2008 | MAR 2009 | JUNE 2009 | SEPT 2009 | **DEC 2009** | HALF YEAR ENDED **DEC 2009** | DEC 2008 |
|---|---|---|---|---|---|---|---|---|
| **BASE METALS (continued)** | | | | | | | | |
| **GOLD** | | | | | | | | |
| **Payable metal in concentrate (ounces)** | | | | | | | | |
| Escondida | 57.5% | 17,840 | 17,496 | 17,595 | 13,905 | **20,924** | **34,829** | 32,231 |
| Olympic Dam (refined gold) | 100% | 27,950 | 23,331 | 29,398 | 26,006 | **24,117** | **50,123** | 55,310 |
| Pinto Valley (d) | 100% | - | 920 | - | - | **-** | **-** | - |
| Total | | 45,790 | 41,747 | 46,993 | 39,911 | **45,041** | **84,952** | 87,541 |
| **SILVER** | | | | | | | | |
| **Payable metal in concentrate ('000 ounces)** | | | | | | | | |
| Escondida | 57.5% | 738 | 673 | 686 | 512 | **825** | **1,337** | 1,406 |
| Antamina | 33.8% | 915 | 1,003 | 1,240 | 1,039 | **1,360** | **2,399** | 1,847 |
| Cannington | 100% | 9,565 | 6,802 | 8,609 | 9,013 | **9,334** | **18,347** | 17,956 |
| Olympic Dam (refined silver) | 100% | 234 | 200 | 259 | 205 | **170** | **375** | 478 |
| Pinto Valley (d) | 100% | 63 | 52 | 2 | - | **-** | **-** | 128 |
| Total | | 11,515 | 8,730 | 10,796 | 10,769 | **11,689** | **22,458** | 21,815 |
| **URANIUM OXIDE CONCENTRATE** | | | | | | | | |
| **Payable metal in concentrate (tonnes)** | | | | | | | | |
| Olympic Dam | 100% | 860 | 883 | 1,154 | 1,130 | **348** | **1,478** | 1,970 |
| Total | | 860 | 883 | 1,154 | 1,130 | **348** | **1,478** | 1,970 |
| **MOLYBDENUM** | | | | | | | | |
| **Payable metal in concentrate (tonnes)** | | | | | | | | |
| Antamina | 33.8% | 365 | 318 | 166 | 241 | **113** | **354** | 879 |
| Pinto Valley (d) | 100% | 46 | 19 | - | - | **-** | **-** | 140 |
| Total | | 411 | 337 | 166 | 241 | **113** | **354** | 1,019 |
| **DIAMONDS AND SPECIALTY PRODUCTS** | | | | | | | | |
| **DIAMONDS** | | | | | | | | |
| **Production ('000 carats)** | | | | | | | | |
| Ekati™ | 80% | 594 | 951 | 903 | 780 | **760** | **1,540** | 1,367 |
| **STAINLESS STEEL MATERIALS** | | | | | | | | |
| **NICKEL** | | | | | | | | |
| **Production ('000 tonnes)** | | | | | | | | |
| CMSA | 99.9% | 13.0 | 13.1 | 13.7 | 12.0 | **13.0** | **25.0** | 23.7 |
| Yabulu (e) | 100% | 9.5 | 7.5 | 7.8 | 2.8 | **-** | **2.8** | 18.6 |
| Nickel West | 100% | 27.7 | 26.9 | 27.1 | 23.4 | **36.0** | **59.4** | 34.7 |
| Total | | 50.2 | 47.5 | 48.6 | 38.2 | **49.0** | **87.2** | 77.0 |

Refer footnotes on page 4.

## BHP BILLITON ATTRIBUTABLE PRODUCTION

| | BHP Billiton Interest | QUARTER ENDED DEC 2008 | MAR 2009 | JUNE 2009 | SEPT 2009 | **DEC 2009** | HALF YEAR ENDED **DEC 2009** | DEC 2008 |
|---|---|---|---|---|---|---|---|---|
| **IRON ORE** | | | | | | | | |
| **Production ('000 tonnes) (f)** | | | | | | | | |
| Newman (g) | 85% | 8,046 | 7,510 | 7,123 | 7,549 | **8,174** | **15,723** | 16,717 |
| Goldsworthy Joint Venture | 85% | 346 | 558 | 280 | 428 | **417** | **845** | 578 |
| Area C Joint Venture | 85% | 8,716 | 9,181 | 8,407 | 9,189 | **10,207** | **19,396** | 17,925 |
| Yandi Joint Venture | 85% | 10,026 | 9,370 | 9,461 | 10,194 | **10,885** | **21,079** | 18,987 |
| Samarco | 50% | 2,221 | 1,569 | 1,777 | 2,746 | **2,766** | **5,512** | 4,972 |
| Total | | 29,355 | 28,188 | 27,048 | 30,106 | **32,449** | **62,555** | 59,179 |
| **MANGANESE** | | | | | | | | |
| **MANGANESE ORES** | | | | | | | | |
| **Saleable production ('000 tonnes)** | | | | | | | | |
| South Africa (h) | 60% | 755 | 351 | 156 | 428 | **664** | **1,092** | 1,684 |
| Australia (h) | 60% | 657 | 382 | 344 | 728 | **873** | **1,601** | 1,558 |
| Total | | 1,412 | 733 | 500 | 1,156 | **1,537** | **2,693** | 3,242 |
| **MANGANESE ALLOYS** | | | | | | | | |
| **Saleable production ('000 tonnes)** | | | | | | | | |
| South Africa (h) (i) | 60% | 112 | 51 | 5 | 30 | **76** | **106** | 245 |
| Australia (h) | 60% | 69 | 53 | 20 | 33 | **55** | **88** | 139 |
| Total | | 181 | 104 | 25 | 63 | **131** | **194** | 384 |
| **METALLURGICAL COAL** | | | | | | | | |
| **Production ('000 tonnes) (j)** | | | | | | | | |
| BMA | 50% | 6,781 | 5,165 | 6,378 | 5,822 | **5,609** | **11,431** | 13,165 |
| BHP Mitsui Coal (k) | 80% | 1,771 | 549 | 1,482 | 1,597 | **1,829** | **3,426** | 3,404 |
| Illawarra | 100% | 1,598 | 1,882 | 1,600 | 1,985 | **1,455** | **3,440** | 2,791 |
| Total | | 10,150 | 7,596 | 9,460 | 9,404 | **8,893** | **18,297** | 19,360 |
| **ENERGY COAL** | | | | | | | | |
| **Production ('000 tonnes)** | | | | | | | | |
| South Africa | 100% | 7,484 | 6,453 | 7,682 | 8,099 | **7,382** | **15,481** | 15,761 |
| USA | 100% | 3,017 | 2,907 | 4,207 | 4,162 | **2,978** | **7,140** | 7,022 |
| Australia | 100% | 2,993 | 2,768 | 3,039 | 3,173 | **2,887** | **6,060** | 5,968 |
| Colombia | 33% | 2,435 | 2,618 | 2,734 | 2,625 | **2,213** | **4,838** | 5,242 |
| Total | | 15,929 | 14,746 | 17,662 | 18,059 | **15,460** | **33,519** | 33,993 |

(a) LPG and Ethane are reported as Natural Gas Liquid (NGL). Product-specific conversions are made and NGL is reported in barrels of oil equivalent (boe).
(b) Suriname was sold effective 31 July 2009.
(c) Metal production is reported on the basis of payable metal.
(d) The Pinto Valley operations were placed on care and maintenance in February 2009.
(e) Yabulu was sold effective 31 July 2009.
(f) Iron ore production is reported on a wet tonnes basis.
(g) Newman includes Mt Newman Joint Venture and Jimblebar.
(h) Shown on 100% basis. BHP Billiton interest in saleable production is 60%.
(i) Production includes Medium Carbon Ferro Manganese.
(j) Metallurgical coal production is reported on the basis of saleable product. Production figures include some thermal coal.
(k) Shown on 100% basis. BHP Billiton interest in saleable production is 80%.

## PRODUCTION AND SHIPMENT REPORT

| | QUARTER ENDED | | | | | HALF YEAR ENDED | |
|---|---|---|---|---|---|---|---|
| | DEC 2008 | MAR 2009 | JUNE 2009 | SEPT 2009 | **DEC 2009** | **DEC 2009** | DEC 2008 |
| **PETROLEUM** | | | | | | | |
| BHP Billiton attributable production unless otherwise stated. | | | | | | | |
| **CRUDE OIL & CONDENSATE ('000 barrels)** | | | | | | | |
| Bass Strait | 3,230 | 3,057 | 3,744 | 3,501 | **3,031** | **6,532** | 6,642 |
| North West Shelf (a) | 2,434 | 2,150 | 2,178 | 2,305 | **2,362** | **4,667** | 4,549 |
| Stybarrow | 2,720 | 1,843 | 1,538 | 1,328 | **979** | **2,307** | 6,096 |
| Other Australia (b) | 185 | 158 | 150 | 172 | **46** | **218** | 391 |
| Atlantis (c) (d) | 2,319 | 2,449 | 3,333 | 4,630 | **4,301** | **8,931** | 4,551 |
| Mad Dog (c) | 1,090 | 1,403 | 1,355 | 1,268 | **906** | **2,174** | 1,915 |
| Shenzi (c) (e) | - | 49 | 2,788 | 5,001 | **5,528** | **10,529** | 186 |
| Trinidad /Tobago | 568 | 542 | 354 | 445 | **398** | **843** | 1,273 |
| Other Americas (c) (f) | 935 | 613 | 505 | 473 | **453** | **926** | 1,671 |
| UK | 777 | 796 | 869 | 629 | **677** | **1,306** | 1,457 |
| Algeria | 1,664 | 2,457 | 1,611 | 1,793 | **1,717** | **3,510** | 3,288 |
| Pakistan | 90 | 96 | 98 | 103 | **108** | **211** | 173 |
| Total | 16,012 | 15,613 | 18,523 | 21,648 | **20,506** | **42,154** | 32,192 |
| **NATURAL GAS (billion cubic feet)** | | | | | | | |
| Bass Strait | 25.12 | 17.02 | 28.98 | 31.31 | **24.20** | **55.51** | 62.20 |
| North West Shelf (a) | 31.79 | 31.63 | 32.97 | 32.86 | **33.98** | **66.84** | 58.80 |
| Other Australia (b) | 6.35 | 6.75 | 6.11 | 5.83 | **5.47** | **11.30** | 13.68 |
| Atlantis (c) (d) | 1.16 | 1.32 | 1.95 | 2.85 | **2.38** | **5.23** | 2.41 |
| Mad Dog (c) | 0.25 | 0.33 | 0.33 | 0.35 | **0.20** | **0.55** | 0.44 |
| Shenzi (c) (e) | - | - | 0.73 | 1.75 | **1.90** | **3.65** | 0.04 |
| Other Americas (c) (f) | 1.43 | 1.76 | 1.68 | 1.75 | **1.54** | **3.29** | 2.98 |
| UK | 9.70 | 8.95 | 8.11 | 5.20 | **5.08** | **10.28** | 17.21 |
| Pakistan | 14.43 | 14.43 | 16.31 | 17.34 | **18.06** | **35.40** | 27.74 |
| Total | 90.23 | 82.19 | 97.17 | 99.24 | **92.81** | **192.05** | 185.50 |
| **NGL ('000 barrels)** | | | | | | | |
| Bass Strait | 1,352 | 982 | 1,875 | 2,080 | **1,572** | **3,652** | 3,501 |
| North West Shelf (a) | 402 | 416 | 437 | 438 | **464** | **902** | 766 |
| UK | 89 | 31 | 97 | *51* | **-** | **51** | 130 |
| Algeria | 264 | 932 | 431 | 451 | **351** | **802** | 450 |
| Total | 2,107 | 2,361 | 2,840 | *3,020* | **2,387** | **5,407** | 4,847 |
| **TOTAL PETROLEUM PRODUCTS (million barrels of oil equivalent) (g)** | 33.16 | 31.67 | 37.56 | 41.21 | **38.36** | **79.57** | 67.96 |

(a) North West Shelf LNG Train 5 was commissioned during the September 2008 quarter.
North West Shelf Angel was commissioned during the December 2008 quarter.

(b) Other Australia includes Griffin and Minerva. Griffin ceased production on 23 October 2009.

(c) Gulf of Mexico volumes are net of royalties.

(d) Atlantis North achieved first production on 5 June 2009.

(e) The Genghis Khan operation is reported in Shenzi. The Shenzi operation was commissioned during the March 2009 quarter.

(f) Other Americas includes Neptune, West Cameron 76, Mustang, Genesis and Starlifter. The Neptune operation was commissioned during the September 2008 quarter.

(g) Total barrels of oil equivalent (boe) conversions are based on 6000scf of natural gas equals 1 boe.

## PRODUCTION AND SHIPMENT REPORT

| | QUARTER ENDED | | | | | HALF YEAR ENDED | |
|---|---|---|---|---|---|---|---|
| | DEC 2008 | MAR 2009 | JUNE 2009 | SEPT 2009 | **DEC 2009** | **DEC 2009** | DEC 2008 |
| **ALUMINIUM** | | | | | | | |
| BHP Billiton attributable production and sales unless otherwise stated. | | | | | | | |
| ('000 tonnes) | | | | | | | |
| **ALUMINA** | | | | | | | |
| **Production** | | | | | | | |
| Worsley, Australia | 756 | 688 | 747 | 709 | **755** | **1,464** | 1,489 |
| Paranam, Suriname (a) | 242 | 226 | 226 | 78 | **-** | **78** | 483 |
| Alumar, Brazil | 141 | 137 | 135 | 132 | **184** | **316** | 265 |
| Total | 1,139 | 1,051 | 1,108 | 919 | **939** | **1,858** | 2,237 |
| **Sales** | | | | | | | |
| Worsley, Australia | 763 | 683 | 731 | 716 | **773** | **1,489** | 1,544 |
| Paranam, Suriname (a) | 252 | 218 | 246 | 74 | **-** | **74** | 468 |
| Alumar, Brazil | 140 | 110 | 145 | 154 | **180** | **334** | 268 |
| Total (b) | 1,155 | 1,011 | 1,122 | 944 | **953** | **1,897** | 2,280 |
| **ALUMINIUM** | | | | | | | |
| **Production** | | | | | | | |
| Hillside, South Africa | 176 | 174 | 177 | 179 | **180** | **359** | 351 |
| Bayside, South Africa | 25 | 24 | 25 | 25 | **25** | **50** | 50 |
| Alumar, Brazil | 44 | 44 | 44 | 44 | **43** | **87** | 89 |
| Mozal, Mozambique | 65 | 62 | 64 | 65 | **65** | **130** | 129 |
| Total | 310 | 304 | 310 | 313 | **313** | **626** | 619 |
| **Sales** | | | | | | | |
| Hillside, South Africa | 185 | 173 | 189 | 147 | **203** | **350** | 345 |
| Bayside, South Africa | 24 | 26 | 22 | 26 | **27** | **53** | 48 |
| Alumar, Brazil | 50 | 48 | 47 | 44 | **45** | **89** | 87 |
| Mozal, Mozambique | 105 | 41 | 88 | 67 | **56** | **123** | 141 |
| Total | 364 | 288 | 346 | 284 | **331** | **615** | 621 |
| Tolling Agreement (b) | 27 | 40 | 31 | *15* | **-** | **15** | 58 |
| | 391 | 328 | 377 | *299* | **331** | **630** | 679 |

(a) Suriname was sold effective 31 July 2009.

(b) Equity Alumina from Suriname was converted into Aluminium under a third party tolling agreement. These tonnages were allocated to equity sales. This Aluminium is now treated as third party product following the sale of Suriname.

## PRODUCTION AND SHIPMENT REPORT

## BASE METALS

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

| | | QUARTER ENDED | | | | | HALF YEAR ENDED | |
|---|---|---|---|---|---|---|---|---|
| | | DEC 2008 | MAR 2009 | JUNE 2009 | SEPT 2009 | **DEC 2009** | **DEC 2009** | DEC 2008 |
| **Escondida, Chile** | | | | | | | | |
| Material mined (100%) | ('000 tonnes) | 100,544 | 97,357 | 102,558 | 102,352 | **101,976** | **204,328** | 199,919 |
| Sulphide ore milled (100%) | ('000 tonnes) | 22,516 | 21,381 | 19,898 | 16,224 | **20,246** | **36,470** | 42,932 |
| Average copper grade | (%) | 1.04% | 0.93% | 1.22% | *1.40%* | **1.38%** | **1.39%** | 1.17% |
| Production ex Mill (100%) | ('000 tonnes) | 186.3 | 156.4 | 199.6 | 188.4 | **233.0** | **421.4** | 394.9 |
| **Production** | | | | | | | | |
| Payable copper | ('000 tonnes) | 102.7 | 86.6 | 111.5 | 102.8 | **130.6** | **233.4** | 219.5 |
| Payable gold concentrate | (fine ounces) | 17,840 | 17,496 | 17,595 | 13,905 | **20,924** | **34,829** | 32,231 |
| Copper cathode (EW) | ('000 tonnes) | 42.1 | 45.0 | 49.4 | 47.9 | **45.9** | **93.8** | 77.7 |
| Payable silver concentrate | ('000 ounces) | 738 | 673 | 686 | 512 | **825** | **1,337** | 1,406 |
| **Sales** | | | | | | | | |
| Payable copper | ('000 tonnes) | 93.8 | 93.0 | 114.2 | 88.9 | **144.3** | **233.2** | 212.0 |
| Payable gold concentrate | (fine ounces) | 16,377 | 19,050 | 17,816 | 11,991 | **23,031** | **35,022** | 30,898 |
| Copper cathode (EW) | ('000 tonnes) | 41.8 | 45.6 | 48.4 | 40.7 | **51.1** | **91.8** | 73.0 |
| Payable silver concentrate | ('000 ounces) | 678 | 732 | 685 | 441 | **910** | **1,351** | 1,344 |
| **Cerro Colorado, Chile** | | | | | | | | |
| Material mined | ('000 tonnes) | 18,598 | 17,927 | 17,289 | 17,019 | **16,586** | **33,605** | 35,124 |
| Ore milled | ('000 tonnes) | 4,379 | 4,405 | 3,598 | 3,758 | **4,314** | **8,072** | 8,973 |
| Average copper grade | (%) | 0.86% | 0.86% | 0.89% | 0.79% | **0.78%** | **0.78%** | 0.86% |
| **Production** | | | | | | | | |
| Copper cathode (EW) | ('000 tonnes) | 26.3 | 26.5 | 27.5 | 18.6 | **21.6** | **40.2** | 48.1 |
| **Sales** | | | | | | | | |
| Copper cathode (EW) | ('000 tonnes) | 26.2 | 26.5 | 30.5 | 18.3 | **21.2** | **39.5** | 49.1 |

## PRODUCTION AND SHIPMENT REPORT

| | | QUARTER ENDED | | | | | HALF YEAR ENDED | |
|---|---|---|---|---|---|---|---|---|
| | | DEC 2008 | MAR 2009 | JUNE 2009 | SEPT 2009 | **DEC 2009** | **DEC 2009** | DEC 2008 |
| **BASE METALS** | | | | | | | | |
| BHP Billiton attributable production and sales unless otherwise stated. Metals production is payable metal unless otherwise stated. | | | | | | | | |
| **Spence, Chile** | | | | | | | | |
| Material mined | ('000 tonnes) | 20,562 | 19,505 | 20,049 | 19,111 | **3,800** | **22,911** | 39,300 |
| Ore milled | ('000 tonnes) | 4,154 | 4,300 | 4,921 | 4,670 | **1,190** | **5,860** | 8,644 |
| Average copper grade | (%) | 1.66% | 1.51% | 1.36% | 1.55% | **1.22%** | **1.48%** | 1.93% |
| **Production** | | | | | | | | |
| Copper cathode (EW) | ('000 tonnes) | 44.5 | 47.7 | 44.8 | 51.0 | **18.8** | **69.8** | 80.2 |
| **Sales** | | | | | | | | |
| Copper cathode (EW) | ('000 tonnes) | 43.3 | 45.1 | 45.2 | 42.2 | **32.7** | **74.9** | 77.9 |
| **Antamina, Peru** | | | | | | | | |
| Material mined (100%) | ('000 tonnes) | 28,111 | 27,060 | 29,381 | 27,571 | **29,485** | **57,056** | 58,137 |
| Sulphide ore milled (100%) | ('000 tonnes) | 8,058 | 7,853 | 8,437 | 8,321 | **8,962** | **17,283** | 16,191 |
| Average head grades | | | | | | | | |
| - Copper | (%) | 1.25% | 1.22% | 1.19% | 1.10% | **1.15%** | **1.13%** | 1.20% |
| - Zinc | (%) | 1.33% | 1.57% | 1.73% | 1.65% | **2.04%** | **1.85%** | 1.43% |
| **Production** | | | | | | | | |
| Payable copper | ('000 tonnes) | 28.6 | 25.7 | 26.3 | 24.3 | **26.6** | **50.9** | 57.0 |
| Payable zinc | (tonnes) | 23,671 | 26,454 | 30,929 | 31,235 | **41,511** | **72,746** | 50,983 |
| Payable silver | ('000 ounces) | 915 | 1,003 | 1,240 | 1,039 | **1,360** | **2,399** | 1,847 |
| Payable lead | (tonnes) | 400 | 976 | 1,397 | 491 | **1,372** | **1,863** | 884 |
| Payable molybdenum | (tonnes) | 365 | 318 | 166 | 241 | **113** | **354** | 879 |
| **Sales** | | | | | | | | |
| Payable copper | ('000 tonnes) | 29.4 | 28.7 | 24.2 | 25.6 | **26.6** | **52.2** | 56.1 |
| Payable zinc | (tonnes) | 27,024 | 24,457 | 29,110 | 30,633 | **40,280** | **70,913** | 53,426 |
| Payable silver | ('000 ounces) | 844 | 754 | 987 | 1,079 | **1,135** | **2,214** | 1,563 |
| Payable lead | (tonnes) | 518 | 207 | 724 | 1,707 | **703** | **2,410** | 905 |
| Payable molybdenum | (tonnes) | 398 | 382 | 171 | 264 | **107** | **371** | 880 |
| **Cannington, Australia** | | | | | | | | |
| Material mined | ('000 tonnes) | 863 | 824 | 793 | 840 | **839** | **1,679** | 1,587 |
| Ore milled | ('000 tonnes) | 817 | 628 | 746 | 798 | **859** | **1,657** | 1,641 |
| Average head grades | | | | | | | | |
| - Silver | (g/t) | 438 | 398 | 427 | 418 | **405** | **411** | 411 |
| - Lead | (%) | 9.5% | 8.8% | 9.0% | 9.0% | **8.5%** | **8.7%** | 8.9% |
| - Zinc | (%) | 3.1% | 3.3% | 3.0% | 3.1% | **3.4%** | **3.3%** | 3.0% |
| **Production** | | | | | | | | |
| Payable silver | ('000 ounces) | 9,565 | 6,802 | 8,609 | 9,013 | **9,334** | **18,347** | 17,956 |
| Payable lead | (tonnes) | 65,622 | 46,259 | 57,145 | 60,879 | **61,701** | **122,580** | 123,390 |
| Payable zinc | (tonnes) | 14,199 | 12,943 | 13,258 | 15,190 | **18,324** | **33,514** | 28,648 |
| **Sales** | | | | | | | | |
| Payable silver | ('000 ounces) | 9,958 | 5,490 | 9,841 | 7,978 | **9,652** | **17,630** | 19,465 |
| Payable lead | (tonnes) | 67,467 | 36,945 | 64,544 | 53,778 | **66,088** | **119,866** | 132,447 |
| Payable zinc | (tonnes) | 10,990 | 11,195 | 15,649 | 10,697 | **19,766** | **30,463** | 27,939 |

## PRODUCTION AND SHIPMENT REPORT

| | | QUARTER ENDED | | | | | HALF YEAR ENDED | |
|---|---|---|---|---|---|---|---|---|
| | | DEC 2008 | MAR 2009 | JUNE 2009 | SEPT 2009 | **DEC 2009** | **DEC 2009** | DEC 2008 |
| **BASE METALS** | | | | | | | | |
| BHP Billiton attributable production and sales unless otherwise stated. Metals production is payable metal unless otherwise stated. | | | | | | | | |
| **Olympic Dam, Australia** | | | | | | | | |
| Material mined (a) | ('000 tonnes) | 2,419 | 2,415 | 2,370 | 2,479 | **734** | **3,213** | 5,047 |
| Ore milled | ('000 tonnes) | 2,456 | 2,301 | 2,608 | 2,453 | **717** | **3,170** | 4,974 |
| Average copper grade | (%) | 1.80% | 1.83% | 1.75% | 1.70% | **1.99%** | **1.77%** | 1.94% |
| Average uranium grade | kg/t | 0.50 | 0.52 | 0.57 | 0.58 | **0.58** | **0.58** | 0.53 |
| **Production** | | | | | | | | |
| Copper cathode (ER) | ('000 tonnes) | 44.6 | 42.7 | 42.6 | 34.5 | **25.0** | **59.5** | 96.5 |
| Copper cathode (EW) | ('000 tonnes) | 3.0 | 2.7 | 3.7 | 3.2 | **1.1** | **4.3** | 5.9 |
| Uranium oxide concentrate | (tonnes) | 860 | 883 | 1,154 | 1,130 | **348** | **1,478** | 1,970 |
| Refined gold | (fine ounces) | 27,950 | 23,331 | 29,398 | 26,006 | **24,117** | **50,123** | 55,310 |
| Refined silver | ('000 ounces) | 234 | 200 | 259 | 205 | **170** | **375** | 478 |
| **Sales** | | | | | | | | |
| Copper cathode (ER) | ('000 tonnes) | 48.3 | 42.7 | 40.5 | 36.1 | **23.7** | **59.8** | 97.8 |
| Copper cathode (EW) | ('000 tonnes) | 2.8 | 2.7 | 3.8 | 3.2 | **1.5** | **4.7** | 6.1 |
| Uranium oxide concentrate | (tonnes) | 1,262 | 829 | 1,261 | 537 | **1,540** | **2,077** | 2,130 |
| Refined gold | (fine ounces) | 26,383 | 24,298 | 35,876 | 25,053 | **22,666** | **47,719** | 52,504 |
| Refined silver | ('000 ounces) | 250 | 79 | 400 | 173 | **198** | **371** | 482 |
| (a) Material mined refers to run of mine ore mined and hoisted. | | | | | | | | |
| **Pinto Valley, USA (a)** | | | | | | | | |
| **Production** | | | | | | | | |
| Copper concentrate | ('000 tonnes) | 14.7 | 4.4 | - | - | **-** | **-** | 28.9 |
| Copper cathode (EW) | ('000 tonnes) | 1.7 | 1.5 | 1.4 | 1.6 | **1.5** | **3.1** | 3.3 |
| Payable silver | ('000 ounces) | 63 | 52 | 2 | - | **-** | **-** | 128 |
| Payable gold | (ounces) | - | 920 | - | - | **-** | **-** | - |
| Payable molybdenum | (tonnes) | 46 | 19 | - | - | **-** | **-** | 140 |
| **Sales** | | | | | | | | |
| Copper concentrate | ('000 tonnes) | 13.0 | 10.5 | - | - | **-** | **-** | 27.0 |
| Copper cathode (EW) | ('000 tonnes) | 1.4 | 1.5 | 1.6 | 1.3 | **1.6** | **2.9** | 3.0 |
| Payable silver | ('000 ounces) | 63 | 52 | 2 | - | **-** | **-** | 128 |
| Payable gold | (ounces) | - | 920 | - | - | **-** | **-** | - |
| Payable molybdenum | (tonnes) | 44 | 100 | - | - | **-** | **-** | 59 |
| (a) During February 2009 the operations were placed on care and maintenance. | | | | | | | | |

## PRODUCTION AND SHIPMENT REPORT

| | | QUARTER ENDED | | | | | HALF YEAR ENDED | |
|---|---|---|---|---|---|---|---|---|
| | | DEC 2008 | MAR 2009 | JUNE 2009 | SEPT 2009 | **DEC 2009** | **DEC 2009** | DEC 2008 |
| **DIAMONDS AND SPECIALTY PRODUCTS** | | | | | | | | |
| BHP Billiton attributable production and sales unless otherwise stated. | | | | | | | | |
| **DIAMONDS** | | | | | | | | |
| **Ekati™, Canada** | | | | | | | | |
| **Ore Processed (100%)** | ('000 tonnes) | 910 | 1,250 | 1,410 | 1,223 | **1,216** | **2,439** | 2,102 |
| **Production** | ('000 carats) | 594 | 951 | 903 | 780 | **760** | **1,540** | 1,367 |

## PRODUCTION AND SHIPMENT REPORT

## STAINLESS STEEL MATERIALS

BHP Billiton attributable production and sales unless otherwise stated.
('000 tonnes)

| | QUARTER ENDED | | | | | HALF YEAR ENDED | |
|---|---|---|---|---|---|---|---|
| | DEC 2008 | MAR 2009 | JUNE 2009 | SEPT 2009 | **DEC 2009** | **DEC 2009** | DEC 2008 |
| **NICKEL** | | | | | | | |
| **CMSA, Colombia** | | | | | | | |
| **Production** | 13.0 | 13.1 | 13.7 | 12.0 | **13.0** | **25.0** | 23.7 |
| **Sales** | 11.0 | 11.6 | 18.1 | 11.4 | **11.4** | **22.8** | 21.7 |
| **Yabulu, Australia (a)** | | | | | | | |
| **Production** | | | | | | | |
| Nickel metal | 9.5 | 7.5 | 7.8 | 2.8 | **-** | **2.8** | 18.6 |
| Cobalt | 0.4 | 0.2 | 0.4 | 0.1 | **-** | **0.1** | 0.8 |
| **Sales** | | | | | | | |
| Nickel metal | 9.4 | 9.1 | 7.9 | 2.2 | **-** | **2.2** | 16.6 |
| Cobalt | 0.3 | 0.3 | 0.3 | 0.1 | **-** | **0.1** | 0.7 |
| **Nickel West, Australia** | | | | | | | |
| **Production** | | | | | | | |
| Nickel contained in concentrate | 5.4 | 4.5 | 5.0 | 4.1 | **5.3** | **9.4** | 11.8 |
| Nickel contained in finished matte | 10.8 | 6.1 | 4.1 | 5.0 | **13.0** | **18.0** | 11.4 |
| Nickel metal | 11.5 | 16.3 | 18.0 | 14.3 | **17.7** | **32.0** | 11.5 |
| Nickel production | 27.7 | 26.9 | 27.1 | 23.4 | **36.0** | **59.4** | 34.7 |
| **Sales** | | | | | | | |
| Nickel contained in concentrate | 5.6 | 4.3 | 5.2 | 3.9 | **5.2** | **9.1** | 11.7 |
| Nickel contained in finished matte | 10.2 | 5.9 | 5.5 | 3.7 | **11.8** | **15.5** | 10.2 |
| Nickel metal | 6.6 | 15.1 | 19.0 | 14.1 | **17.5** | **31.6** | 11.3 |
| Nickel sales | 22.4 | 25.3 | 29.7 | 21.7 | **34.5** | **56.2** | 33.2 |

(a) Yabulu was sold effective 31 July 2009.

## PRODUCTION AND SHIPMENT REPORT

## IRON ORE

BHP Billiton attributable production and sales unless otherwise stated.
('000 tonnes)

| | QUARTER ENDED | | | | | HALF YEAR ENDED | |
|---|---|---|---|---|---|---|---|
| | DEC 2008 | MAR 2009 | JUNE 2009 | SEPT 2009 | **DEC 2009** | **DEC 2009** | DEC 2008 |
| **IRON ORE (a)** | | | | | | | |
| **Pilbara, Australia** | | | | | | | |
| **Production** | | | | | | | |
| Newman (b) | 8,046 | 7,510 | 7,123 | 7,549 | **8,174** | **15,723** | 16,717 |
| Goldsworthy Joint Venture | 346 | 558 | 280 | 428 | **417** | **845** | 578 |
| Area C Joint Venture | 8,716 | 9,181 | 8,407 | 9,189 | **10,207** | **19,396** | 17,925 |
| Yandi Joint Venture | 10,026 | 9,370 | 9,461 | 10,194 | **10,885** | **21,079** | 18,987 |
| Total (BHP Billiton share) | 27,134 | 26,619 | 25,271 | 27,360 | **29,683** | **57,043** | 54,207 |
| Total production (100%) | 31,922 | 31,316 | 29,731 | 32,188 | **34,921** | **67,109** | 63,773 |
| **Shipments** | | | | | | | |
| Lump | 7,598 | 8,163 | 7,989 | 7,839 | **8,141** | **15,980** | 16,770 |
| Fines | 18,917 | 19,486 | 17,035 | 19,932 | **20,787** | **40,719** | 37,930 |
| Total (BHP Billiton share) | 26,515 | 27,649 | 25,024 | 27,771 | **28,928** | **56,699** | 54,700 |
| Total sales (100%) | 31,194 | 32,528 | 29,441 | 32,672 | **34,033** | **66,705** | 64,353 |

(a) Iron ore production and shipments are reported on a wet tonnes basis.
(b) Newman includes Mt Newman Joint Venture and Jimblebar.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Samarco, Brazil** | | | | | | | |
| **Production** | 2,221 | 1,569 | 1,777 | 2,746 | **2,766** | **5,512** | 4,972 |
| **Shipments** | 1,808 | 1,428 | 1,788 | 3,076 | **2,933** | **6,009** | 4,644 |

## PRODUCTION AND SHIPMENT REPORT

## MANGANESE

BHP Billiton attributable production and sales unless otherwise stated.
('000 tonnes)

| | QUARTER ENDED | | | | | HALF YEAR ENDED | |
|---|---|---|---|---|---|---|---|
| | DEC 2008 | MAR 2009 | JUNE 2009 | SEPT 2009 | **DEC 2009** | **DEC 2009** | DEC 2008 |
| **MANGANESE ORE** | | | | | | | |
| **South Africa (a)** | | | | | | | |
| **Saleable production** | 755 | 351 | 156 | 428 | **664** | **1,092** | 1,684 |
| **Sales** | 490 | 221 | 367 | 712 | **751** | **1,463** | 1,407 |
| **Australia (a)** | | | | | | | |
| **Saleable production** | 657 | 382 | 344 | 728 | **873** | **1,601** | 1,558 |
| **Sales** | 323 | 442 | 530 | 838 | **985** | **1,823** | 1,195 |
| **MANGANESE ALLOY** | | | | | | | |
| **South Africa (a) (b)** | | | | | | | |
| **Saleable production** | 112 | 51 | 5 | 30 | **76** | **106** | 245 |
| **Sales** | 56 | 54 | 70 | 101 | **66** | **167** | 162 |
| **Australia (a)** | | | | | | | |
| **Saleable production** | 69 | 53 | 20 | 33 | **55** | **88** | 139 |
| **Sales** | 57 | 36 | 32 | 60 | **68** | **128** | 113 |

(a) Shown on 100% basis. BHP Billiton interest in saleable production is 60%.
(b) Production includes Medium Carbon Ferro Manganese.

## PRODUCTION AND SHIPMENT REPORT

## METALLURGICAL COAL

BHP Billiton attributable production and sales unless otherwise stated.
('000 tonnes)

| | QUARTER ENDED | | | | | HALF YEAR ENDED | |
|---|---|---|---|---|---|---|---|
| | DEC 2008 | MAR 2009 | JUNE 2009 | SEPT 2009 | **DEC 2009** | **DEC 2009** | DEC 2008 |
| **METALLURGICAL COAL (a)** | | | | | | | |
| **Queensland, Australia** | | | | | | | |
| **Production** | | | | | | | |
| BMA | | | | | | | |
| Blackwater | 1,239 | 1,165 | 1,521 | 1,352 | **1,500** | **2,852** | 2,696 |
| Goonyella | 1,915 | 1,346 | 1,725 | 1,507 | **1,548** | **3,055** | 3,614 |
| Peak Downs | 1,103 | 1,105 | 1,268 | 1,187 | **817** | **2,004** | 2,017 |
| Saraji | 1,027 | 651 | 723 | 779 | **726** | **1,505** | 2,131 |
| Norwich Park | 605 | 427 | 513 | 392 | **575** | **967** | 1,044 |
| Gregory Joint Venture | 892 | 471 | 628 | 605 | **443** | **1,048** | 1,663 |
| BMA total | 6,781 | 5,165 | 6,378 | 5,822 | **5,609** | **11,431** | 13,165 |
| BHP Mitsui Coal (b) | | | | | | | |
| South Walker Creek | 943 | 386 | 600 | 821 | **1,063** | **1,884** | 1,992 |
| Poitrel | 828 | 163 | 882 | 776 | **766** | **1,542** | 1,412 |
| BHP Mitsui Coal total | 1,771 | 549 | 1,482 | 1,597 | **1,829** | **3,426** | 3,404 |
| Queensland total | 8,552 | 5,714 | 7,860 | 7,419 | **7,438** | **14,857** | 16,569 |
| **Shipments** | | | | | | | |
| Coking coal | 5,590 | 4,703 | 5,087 | 5,725 | **5,935** | **11,660** | 11,513 |
| Weak coking coal | 1,547 | 1,041 | 1,796 | 1,613 | **1,778** | **3,391** | 3,508 |
| Thermal coal | 297 | 253 | 461 | 453 | **204** | **657** | 759 |
| Total | 7,434 | 5,997 | 7,344 | 7,791 | **7,917** | **15,708** | 15,780 |
| **Illawarra, Australia** | | | | | | | |
| **Production** | 1,598 | 1,882 | 1,600 | 1,985 | **1,455** | **3,440** | 2,791 |
| **Shipments** | | | | | | | |
| Coking coal | 1,195 | 1,637 | 1,696 | 2,097 | **1,408** | **3,505** | 2,090 |
| Thermal coal | 166 | 346 | 46 | 159 | **250** | **409** | 326 |
| Total | 1,361 | 1,983 | 1,742 | 2,256 | **1,658** | **3,914** | 2,416 |

(a) Metallurgical coal production is reported on the basis of saleable product. Production figures include some thermal coal.
(b) Shown on 100% basis. BHP Billiton interest in saleable production is 80%.

## PRODUCTION AND SHIPMENT REPORT

| | QUARTER ENDED | | | | | HALF YEAR ENDED | |
|---|---|---|---|---|---|---|---|
| | DEC 2008 | MAR 2009 | JUNE 2009 | SEPT 2009 | **DEC 2009** | **DEC 2009** | DEC 2008 |
| **ENERGY COAL** | | | | | | | |
| BHP Billiton attributable production and sales unless otherwise stated. ('000 tonnes) | | | | | | | |
| **South Africa** | | | | | | | |
| **Production** | 7,484 | 6,453 | 7,682 | 8,099 | **7,382** | **15,481** | 15,761 |
| **Sales** | | | | | | | |
| Export | 2,945 | 1,672 | 1,700 | 2,377 | **2,849** | **5,226** | 5,274 |
| Local utility | *5,243* | *4,725* | *5,446* | *5,378* | **4,687** | **10,065** | *10,624* |
| Inland | 123 | 97 | 70 | 46 | **49** | **95** | 499 |
| **Total** | *8,311* | *6,494* | *7,216* | *7,801* | **7,585** | **15,386** | *16,397* |
| **New Mexico, USA** | | | | | | | |
| **Production** | | | | | | | |
| Navajo Coal | 1,923 | 1,950 | 2,426 | 2,167 | **1,785** | **3,952** | 3,987 |
| San Juan Coal | 1,094 | 957 | 1,781 | 1,995 | **1,193** | **3,188** | 3,035 |
| Total | 3,017 | 2,907 | 4,207 | 4,162 | **2,978** | **7,140** | 7,022 |
| **Sales - local utility** | 3,605 | 3,172 | 3,453 | 3,604 | **3,660** | **7,264** | 7,265 |
| **Hunter Valley, Australia** | | | | | | | |
| **Production** | 2,993 | 2,768 | 3,039 | 3,173 | **2,887** | **6,060** | 5,968 |
| **Sales** | | | | | | | |
| Export | 2,242 | 2,360 | 1,958 | 1,766 | **2,959** | **4,725** | 4,091 |
| Inland | 650 | 764 | 573 | 619 | **382** | **1,001** | 1,596 |
| Total | 2,892 | 3,124 | 2,531 | 2,385 | **3,341** | **5,726** | 5,687 |
| **Cerrejon Coal, Colombia** | | | | | | | |
| **Production** | 2,435 | 2,618 | 2,734 | 2,625 | **2,213** | **4,838** | 5,242 |
| **Sales - export** | 2,829 | 2,409 | 2,623 | *2,335* | **2,745** | **5,080** | 5,422 |