

Release Time IMMEDIATE  
 Date 21 April 2022  
 Release Number 12/22

## BHP OPERATIONAL REVIEW FOR THE NINE MONTHS ENDED 31 MARCH 2022

**Note: All guidance is subject to further potential impacts from COVID-19 during the 2022 financial year.**

- We continue to deliver safe, reliable production and navigate the COVID-19 challenges as the pandemic evolves.
- Production guidance for the 2022 financial year remains unchanged for iron ore, metallurgical coal and energy coal. Full year total copper production guidance has been lowered to between 1,570 and 1,620 kt, reflecting lowered production guidance for Escondida. Full year nickel production guidance has been lowered to between 80 and 85 kt due to COVID-19 related labour constraints.
- Full year unit cost guidance<sup>(1)</sup> for Western Australia Iron Ore (WAIO), Escondida and Queensland Coal remains unchanged. Full year unit cost guidance for New South Wales Energy Coal (NSWEC) has been increased to between US\$76 and US\$81 per tonne, reflecting a targeted increase in the proportion of higher quality coal to capture more value from the record high prices for higher quality thermal coal.
- Our potash major projects under development are tracking to plan. The Jansen shaft project is 99% complete while Jansen Stage 1 activities continue to progress at the port, the Jansen site and for the underground mining systems.
- The divestment of BHP's interest in BHP Mitsui Coal (BMC) to Stanmore Resources Limited is expected to complete on 3 May 2022.
- Completion of the proposed merger of BHP's oil and gas portfolio with Woodside Petroleum Ltd is targeted for 1 June 2022, subject to the satisfaction of conditions precedent including approval by Woodside shareholders at the Woodside general meeting on 19 May 2022.

Production	Mar YTD22 (vs Mar YTD21)	Mar Q22 (vs Dec Q21)	Mar Q22 vs Dec Q21 commentary
Copper (kt)	1,111.7 (10%)	369.7 1%	Higher volumes at Olympic Dam following completion of the planned smelter maintenance campaign. This was partially offset by lower volumes at Escondida mainly due to COVID-19 workforce impacts and public road blockades as a result of social unrest.
Iron ore (Mt)	189.1 0%	59.7 (10%)	Lower volumes at WAIO reflecting temporary labour constraints due to COVID-19, train driver shortages and planned maintenance activities. This was partially offset by record production from the MAC hub with the continued ramp up of South Flank.
Metallurgical coal (Mt) <sup>(2)</sup>	28.2 (2%)	10.6 20%	Increased volumes as a result of lower rainfall than the prior period coupled with strong operational performance driven by improved truck productivity.
Energy coal (Mt) <sup>(3)</sup>	9.8 (1%)	2.6 (13%)	Lower volumes due to continued wet weather and COVID-19 related absenteeism impacting stripping and mine productivity, as well as an increased proportion of higher quality products.
Nickel (kt)	58.0 (13%)	18.7 (13%)	Lower volumes reflecting temporary labour constraints due to COVID-19 related absenteeism and workforce shortages.
<b>Discontinued operations</b>			
Petroleum (MMboe)	77.3 2%	24.1 (6%)	Lower volumes due to reduced seasonal gas demand at Bass Strait and lower well productivity at Atlantis.

Group copper equivalent production decreased by 3%<sup>(4)</sup> over the nine months ended 31 March 2022 mainly due to lower copper volumes.

## Summary

### BHP Chief Executive Officer, Mike Henry:

“BHP delivered safe and reliable production in the third quarter. Our WA iron ore business continues to perform strongly as we navigate the state’s first major COVID-19 wave, and we remain on track to achieve full year volume and cost guidance. Amid record high prices, our Queensland metallurgical coal business delivered strong underlying performance and benefited from better weather in the quarter.

In copper, Spence production is increasing and the Olympic Dam smelter is performing strongly as it returns to full production following planned maintenance. These gains have been more than offset at Escondida by impacts from COVID-19 and public road blockades in Antofagasta, which are reflected in a revision to overall production guidance.

Our Jansen potash project is on track, with good progress on the shafts, in the underground mining systems and at the port. The merger of our petroleum assets with Woodside has progressed and is set for completion in June 2022, while the divestment of our BMC business to Stanmore should complete in May 2022.

Market volatility and inflationary pressures have increased further as a result of the Russian invasion of Ukraine. We continue our work to mitigate cost pressures through a sharp focus on operational reliability and cost discipline. While we expect conditions to improve during the course of the 2023 calendar year, we anticipate the skills shortages and overall labour market tightness in Australia and Chile to continue in the period ahead.

Our hearts go out to all those impacted by the tragic events in Ukraine. The BHP Foundation has donated US\$5 million to aid the response to the humanitarian crisis.”

### Operational performance

Production and guidance are summarised below.

**Note: All guidance is subject to further potential impacts from COVID-19 during the 2022 financial year.**

Production	Mar YTD22	Mar Q22	Mar YTD22 vs Mar YTD21	Mar Q22 vs Mar Q21	Mar Q22 vs Dec Q21	Previous FY22 guidance	Current FY22 guidance	
Copper (kt)	1,111.7	369.7	(10%)	(6%)	1%	1,590 – 1,760	1,570 – 1,620	Lowered
Escondida (kt)	714.7	226.4	(13%)	(9%)	(7%)	1,020 – 1,080	1,000 – 1,030	Lowered
Pampa Norte (kt)	204.0	68.2	37%	31%	0%	260 – 300	260 – 300	Unchanged
Olympic Dam (kt)	82.7	39.0	(46%)	(30%)	>100%	140 – 150	140 – 150	Lower end
Antamina (kt)	110.3	36.1	2%	4%	(6%)	120 – 140	120 – 140	Upper end
Iron ore (Mt)	189.1	59.7	0%	1%	(10%)	249 – 259	249 – 259	
WAIO (Mt)	186.0	58.7	(1%)	0%	(10%)	246 – 255	246 – 255	Unchanged
WAIO (100% basis) (Mt)	211.1	66.7	0%	0%	(10%)	278 – 288	278 – 288	Unchanged
Samarco (Mt)	3.1	1.0	>100%	13%	(3%)	3 – 4	3 – 4	Upper end
Metallurgical coal (Mt) <sup>(i)</sup>	28.2	10.6	(2%)	10%	20%	38 – 41	38 – 41	Unchanged
BMA (Mt)	21.0	7.9	(7%)	3%	26%	-	29 – 31	
BHP Mitsui Coal (100% basis) (Mt)	7.3	2.6	18%	41%	4%	-	9 – 10	
Queensland Coal (100% basis) (Mt)	49.2	18.5	(4%)	7%	22%	68 – 72	68 – 72	Unchanged
Energy coal – NSWEC (Mt)	9.8	2.6	(1%)	(14%)	(13%)	13 – 15	13 – 15	Unchanged
Nickel (kt)	58.0	18.7	(13%)	(8%)	(13%)	85 – 95	80 – 85	Lowered
<b>Discontinued operations</b>								
Petroleum (MMboe) <sup>(ii)</sup>	77.3	24.1	2%	(5%)	(6%)	-	-	

(i) Completion of the divestment of BMC is expected on 3 May 2022. Full year BMA and BMC production guidance has been itemised under Queensland Coal, however economic and operating control of BMC will transfer to Stanmore Resources Limited once the sale has completed.

(ii) Given our announcement of a binding share sale agreement for the proposed merger of BHP’s oil and gas portfolio with Woodside in November 2021 with completion of the merger expected to occur on 1 June 2022, no further annual production guidance for Petroleum will be provided. The effective date of the merger is 1 July 2021.

## Major development projects

At the end of March 2022, BHP had two major projects under development, the US\$2.97 billion Jansen mine shafts project and the US\$5.7 billion Jansen Stage 1 project. Our major projects under development are tracking to plan.

## Corporate update

### Portfolio

In February 2022, BHP advanced its early-stage copper interests by investing C\$100 million to acquire a five per cent equity interest in Filo Mining, a Toronto Stock Exchange listed exploration and development company. Filo Mining owns the Filo del Sol project located in the Atacama Region of Chile and adjacent to the San Juan Province in Argentina, which is in the advanced exploration stage. The proceeds from BHP's investment will be used for exploration and project studies. Filo Mining and BHP have agreed to form a joint advisory committee to share expertise, exploration concepts, and discuss future project development options.

All conditions precedent under the Share Sale and Purchase Agreement for the divestment of BHP's 80 per cent interest in BMC to Stanmore Resources Limited have been satisfied, and completion is expected to occur on 3 May 2022. The purchase price comprises US\$1.1 billion cash on completion, US\$100 million in cash six months after completion and the potential for up to US\$150 million in a commodity price-linked earnout payable in the 2024 calendar year.

Completion of the merger of BHP's oil and gas portfolio with Woodside is targeted for 1 June 2022, subject to satisfaction of conditions precedent including approval by Woodside shareholders at the Woodside general meeting on 19 May 2022. All required regulatory and competition approvals have been obtained, other than the National Offshore Petroleum Titles Administrator approval which is expected prior to completion. BHP is expected to receive 914,768,948 newly issued Woodside shares at completion and determine a fully franked in specie dividend of the Woodside shares to BHP shareholders. BHP shareholders are expected to be entitled to one Woodside share for every 5.5340 BHP shares they hold on the BHP register at the record date of 26 May 2022. Additional information on the proposed in specie dividend and share distribution can be found in our announcement on [8 April 2022](#).

### Samarco

Samarco's Judicial Reorganisation process is continuing in the Commercial Courts of Belo Horizonte, State of Minas Gerais. The Judicial Reorganisation is a process for Samarco to restructure its financial debts in order to establish a sustainable independent financial position that would allow Samarco to continue its operations safely and meet its Renova Foundation obligations. BHP Brasil will continue to support Samarco in this process. The Judicial Reorganisation does not affect Samarco's obligation or commitment to make full redress for the 2015 Fundão dam failure, and it does not impact Renova Foundation's ability to undertake remediation and compensation works. BHP Brasil and Vale each hold a 50 per cent interest in Samarco.

Separately, negotiations are also ongoing with State and Federal Prosecutors and other Brazilian public authorities on the review of the Framework Agreement<sup>(5)</sup>, seeking a definitive and substantive settlement of Brazilian claims relating to the dam failure.

## Copper

### Production

	Mar YTD22	Mar Q22	Mar YTD22 vs Mar YTD21	Mar Q22 vs Mar Q21	Mar Q22 vs Dec Q21
Copper (kt)	1,111.7	369.7	(10%)	(6%)	1%
Zinc (t)	95,624	32,732	(13%)	(2%)	11%
Uranium (t)	1,599	781	(40%)	(6%)	>100%

**Copper** – Total copper production decreased by 10 per cent to 1,112 kt. Guidance for the 2022 financial year has been lowered to between 1,570 and 1,620 kt, from between 1,590 and 1,760 kt, which reflects lowered production guidance for Escondida.

Our Chilean assets experienced a challenging operating environment in the March 2022 quarter due to a reduction in our operational workforce as a result of a significant increase in COVID-19 cases in Chile, particularly the Omicron variant, and the mitigation measures implemented. This is despite high COVID-19 vaccination rates and continued use of control measures at our operating sites.

Escondida copper production decreased by 13 per cent to 715 kt primarily due to grade decline in the current mining area, the impact of a reduced operational workforce from COVID-19 and public road blockades associated with social unrest affecting access to site for both workers and supplies. Escondida achieved record material mined for the nine months to March 2022 despite these challenges. Production guidance for the 2022 financial year has been lowered to between 1,000 and 1,030 kt, from between 1,020 and 1,080 kt, reflecting the impact of increased COVID-19 cases and related supply constraints, as well as the road blockades. Concentrator feed grade decline in the current mining area remains forecast at approximately 2 per cent for the year. Medium term guidance of an annual average of 1.2 Mt of copper production over the next five years remains unchanged, with production expected to be weighted towards the latter years.

Pampa Norte copper production increased by 37 per cent to 204 kt, reflecting the continued ramp up of the Spence Growth Option (SGO), partially offset by the impact of lower cathode production as a result of grade decline and the public road blockades. Ore stacking grade for cathodes is now expected to decline by approximately 15 per cent for the 2022 financial year due to a change in mine sequencing. Production guidance for the 2022 financial year remains unchanged at between 260 and 300 kt. We continue to progress the plant design modifications required at SGO to achieve planned copper production levels. The Spence guidance to average 300 ktpa (including cathodes) in the first four years of production will be subject to the timing of these modifications being completed.

Olympic Dam copper production decreased by 46 per cent to 83 kt as a result of the execution of the major smelter maintenance campaign which was completed in January 2022. The subsequent smelter ramp up to full capacity was achieved in April 2022, and has delivered 17 per cent higher smelted tonnes compared to the ramp up after the prior maintenance campaign in 2017. Production for the 2022 financial year is expected to be at the lower end of the guidance range of between 140 and 150 kt primarily as a result of COVID-19 related impacts to the completion of the smelter maintenance campaign.

Antamina copper production increased by two per cent to 110 kt, reflecting higher copper head grades. Zinc production decreased by 13 per cent to 96 kt reflecting lower zinc head grades. Production guidance remains unchanged, with copper production expected to be at the upper end of the 120 to 140 kt guidance range, and zinc production between 115 and 130 kt.

## Iron Ore

### Production

	Mar YTD22	Mar Q22	Mar YTD22 vs Mar YTD21	Mar Q22 vs Mar Q21	Mar Q22 vs Dec Q21
Iron ore production (kt)	189,101	59,700	0%	1%	(10%)

**Iron ore** – Total iron ore production in line with the prior period at 189 Mt. Production guidance for the 2022 financial year remains unchanged at between 249 and 259 Mt.

WAIO production of 186 Mt (211 Mt on a 100 per cent basis) was in line with the prior period. The impacts of temporary labour constraints relating to COVID-19, train driver shortages, planned track renewal works in the March 2022 quarter, and the planned major maintenance on car dumper one and the Jimblebar train load out in the first half were offset by continued strong supply chain performance, including higher car dumper performance, and favourable weather compared to the prior period. South Flank ramp up to full production capacity of 80 Mtpa (100 per cent basis) over three years remains on track with an average rate of 58 Mtpa achieved in the March 2022 quarter contributing to record production from the MAC hub and record lump sales.

Production guidance for the 2022 financial year remains unchanged at between 246 and 255 Mt (278 and 288 Mt on a 100 per cent basis). Production in the June 2022 quarter is expected to be impacted by continued COVID-19 related absenteeism as Western Australia approaches anticipated peak case numbers, and planned car dumper maintenance.

Samarco production was 3.1 Mt (BHP share), following the recommencement of iron ore pellet production at one concentrator in December 2020. Production guidance for the 2022 financial year remains unchanged at between 3 and 4 Mt (BHP share), with production expected to be at the upper end of the guidance range.

## Coal

### Production

	Mar YTD22	Mar Q22	Mar YTD22 vs Mar YTD21	Mar Q22 vs Mar Q21	Mar Q22 vs Dec Q21
Metallurgical coal (kt) <sup>(2)</sup>	28,230	10,562	(2%)	10%	20%
Energy coal (kt) <sup>(3)</sup>	9,782	2,577	(1%)	(14%)	(13%)

**Metallurgical coal** – Metallurgical coal production decreased by two per cent to 28 Mt (49 Mt on a 100 per cent basis). Queensland Coal production guidance for the 2022 financial year remains unchanged at between 38 and 41 Mt (68 and 72 Mt on a 100 per cent basis), of which BMA is expected to contribute between 29 and 31 Mt, and BMC is expected to contribute between 9 and 10 Mt. The divestment of BHP's 80 per cent interest in BMC to Stanmore Resources Limited is expected to complete on 3 May 2022 upon which date the economic interest in and operating control of BMC transfers to Stanmore Resources Limited.

At Queensland Coal, strong underlying operational performance, including improvements in underlying truck productivity, have been offset by significant wet weather impacts across most operations in the first half of the year and labour constraints, including COVID-19 related absenteeism, impacting stripping and mine productivity. Labour shortages and COVID-19 related absenteeism remain a risk for the remainder of the year.

**Energy coal** – Energy coal production is broadly in line with the prior period at 10 Mt. Production guidance for the 2022 financial year remains unchanged at between 13 and 15 Mt.

At NSWEC, continued wet weather and COVID-19 related labour constraints impacted stripping performance and mine productivity in the March 2022 quarter, offsetting the strong first half operational performance. Higher quality products now make up almost 90 per cent of sales compared to approximately 65 per cent of sales in the prior period, maximising the benefit from the widening price spread.

## Other

### Nickel production

	Mar YTD22	Mar Q22	Mar YTD21 vs Mar Q21	Mar Q22 vs Mar Q21	Mar Q22 vs Dec Q21
Nickel (kt)	58.0	18.7	(13%)	(8%)	(13%)

**Nickel** – Nickel West production decreased by 13 per cent to 58 kt due to the impacts of COVID-19 related labour absenteeism and workforce shortages in the March 2022 quarter, planned asset integrity work to support operational stability completed in the December 2021 quarter, as well as planned maintenance in the September 2021 quarter. Production guidance for the 2022 financial year has been lowered to between 80 and 85 kt from between 85 and 95 kt, largely reflecting the impact from COVID-19 related labour constraints.

**Potash** – Our potash major projects under development are tracking to plan.

### Projects

Project and ownership	Capital expenditure US\$M	Initial production target date	Capacity	Progress
Jansen Potash (Canada) 100%	2,972	CY27	Investment to finish the excavation and lining of the production and service shafts, and to continue the installation of essential surface infrastructure and utilities.	The project is 99% complete. Target project completion in CY22.
Jansen Stage 1 (Canada) 100%	5,723	CY27	Design, engineering and construction of an underground potash mine and surface infrastructure, with capacity to produce 4.35 Mtpa.	Approved in August 2021, project is 5% complete

## Minerals exploration

Total minerals exploration expenditure for the nine months to March 2022 was US\$170 million, of which US\$127 million was expensed.

Work continues on existing projects, joint ventures and farm-in agreements, as well as leveraging technology to both look deeper in mature exploration jurisdictions and delineate new high potential search spaces globally. Greenfield minerals exploration is being undertaken on advancing copper targets in Chile, Ecuador, Mexico, Peru, Canada, Australia and the south-west United States. Nickel targets are also being advanced in Canada and Australia. Specifically in copper, we are testing targets with drilling in Chile, Ecuador, the United States and Australia.

In April 2022, BHP agreed to fund a new C\$2 million nickel exploration program in Nunavik, Quebec as part of its strategic alliance with Midland Exploration<sup>(6)</sup>. The exploration program will run during the 2022 calendar year and consist of regional magnetotelluric surveys, as well as two phases of prospecting.

At Oak Dam in South Australia, BHP is continuing next stage resource definition drilling with four drill rigs now active on site, an increase from two drill rigs previously, after commencing the program in May 2021.

## Discontinued operations - Petroleum

### Production

	Mar YTD22	Mar Q22	Mar YTD22 vs Mar YTD21	Mar Q22 vs Mar Q21	Mar Q22 vs Dec Q21
Crude oil, condensate and natural gas liquids (MMboe)	36.6	11.5	8%	(1%)	(7%)
Natural gas (bcf)	244.4	75.9	(3%)	(8%)	(5%)
Total petroleum production (MMboe)	77.3	24.1	2%	(5%)	(6%)

Completion of the proposed merger of BHP's oil and gas portfolio with Woodside Petroleum Ltd is targeted for 1 June 2022, subject to the satisfaction of conditions precedent including approval by Woodside shareholders at the Woodside general meeting on 19 May 2022. The effective date of the merger is 1 July 2021. The half year financial results for 31 December 2021 were prepared on the basis that BHP Petroleum is a discontinued operation.

Total petroleum production increased by two per cent to 77 MMboe. No further production guidance for the 2022 financial year will be provided for Petroleum given the business is presented as a discontinued operation.

Crude oil, condensate and natural gas liquids production increased by eight per cent to 37 MMboe, reflecting the additional 28 percent working interest acquired in Shenzi in November 2020, new production from Atlantis and Shenzi, increased volumes from Ruby following first production in May 2021, and lower impact from weather events in the Gulf of Mexico. The increase was partially offset by natural field decline across the portfolio.

Natural gas production decreased by three per cent to 244 bcf, reflecting natural field decline, decreased production at North West Shelf and unplanned downtime at Angostura. The decline in production has been partially offset by increased volumes from Ruby and higher seasonal demand for gas at Bass Strait.

### Projects

Project and ownership	Capital expenditure US\$M	Initial production target date	Capacity	Progress
Mad Dog Phase 2 (US Gulf of Mexico) 23.9% (non-operator)	2,154	H2 CY22	New floating production facility with the capacity to produce up to 140,000 gross barrels of oil equivalent per day.	First production is expected in the second half of the 2022 calendar year. On budget. The overall project is 98% complete.
Shenzi North development (US Gulf of Mexico) 72% (operator)	392	CY24	A two-well subsea tie-in to the Shenzi platform, with the capacity to produce up to 30,000 gross barrels of oil equivalent per day.	On schedule and budget. The overall project is 8% complete.
Scarborough (Western Australia) 26.5% (non-operator)	1,500	CY26	New upstream facilities designed to deliver daily gas quantities to manufacture 8 Mtpa LNG and 180 TJ/day of domestic gas.	On schedule and budget. The overall project is 13% complete.

The divestment of our interest in the ROD Integrated Development in Algeria was completed in April 2022.

## Petroleum exploration

Exploration and appraisal wells drilled during the March 2022 quarter are summarised below.

Well	Location	Target	Formation age	BHP equity	Spud date	Water depth	Total well depth	Status
Wasabi-2	Gulf of Mexico GC124	Oil	Early Miocene	75% (BHP Operator)	17 November 2021	764 m	10,114 m	Plugged & Abandoned; Encountered sub-commercial hydrocarbons

In the central Gulf of Mexico, the Wasabi-2 well encountered sub-commercial hydrocarbons and was plugged and abandoned. This completes the Wasabi exploration program, with results under evaluation to determine next steps.

On 2 March, 2022, BHP signed a farm-out agreement with a subsidiary of Shell plc. to assign 40 per cent equity in each of the two Barbados offshore Exploration Licences – the Bimshire and Carlisle Bay Blocks. The agreement is subject to customary regulatory approvals and third-party consents. Completion of the deal is expected by the end of the June 2022 quarter.

Petroleum exploration expenditure for nine months ended March 2022 was US\$362 million, of which US\$261 million was expensed. An approximately US\$540 million exploration and appraisal program is being executed for the 2022 financial year.



Variance analysis relates to the relative performance of BHP and/or its operations during the nine months ended March 2022 compared with the nine months ended March 2021, unless otherwise noted. Production volumes, sales volumes and capital and exploration expenditure from subsidiaries are reported on a 100 per cent basis; production and sales volumes from equity accounted investments and other operations are reported on a proportionate consolidation basis. Numbers presented may not add up precisely to the totals provided due to rounding. Copper equivalent production is based on 2021 financial year average realised prices.

The following footnotes apply to this Operational Review:

- (1) 2022 financial year unit cost guidance: Escondida US\$1.20-1.40/lb, WAIO US\$17.50-18.50/t, Queensland Coal US\$85-94/t, however economic and operating control of BMC is expected to transfer to Stanmore Resources Limited on 3 May 2022, and NSWEC US\$76-81/t (revised from US\$62-70/t); based on exchange rates of AUD/USD 0.78 and USD/CLP 727.
- (2) We announced the divestment of our interest in BMC in November 2021, however will continue to report BMC production as part of Queensland Coal. We maintain economic and operating control of BMC until the sale has completed, which is expected to occur on 3 May 2022.
- (3) BHP completed the sale of its 33.3 per cent interest in Cerrejón on 11 January 2022. The transaction has an effective economic date of 31 December 2020 and volumes have been reported separately in the production and sales report.
- (4) Excludes Petroleum production.
- (5) The Framework Agreement was entered into between Samarco, Vale and BHP Brasil and the relevant Brazilian authorities in March 2016 and established the Renova Foundation to develop and implement environmental and socio-economic programs to remediate and provide compensation for damage caused by the Samarco dam failure.
- (6) BHP signed an agreement for a nickel exploration alliance with Midland Exploration in August 2020.

The following abbreviations may have been used throughout this report: barrels (bbl); billion cubic feet (bcf); cost and freight (CFR); cost, insurance and freight (CIF); dry metric tonne unit (dmtu); free on board (FOB); grams per tonne (g/t); kilograms per tonne (kg/t); kilometre (km); metre (m); million barrels of oil equivalent (MMboe); million barrels of oil per day (MMbpd); million cubic feet per day (MMcf/d); million tonnes (Mt); million tonnes per annum (Mtpa); ounces (oz); pounds (lb); thousand barrels of oil equivalent (Mboe); thousand barrels of oil equivalent per day (Mboe/d); thousand ounces (koz); thousand standard cubic feet (Mscf); thousand tonnes (kt); thousand tonnes per annum (ktpa); thousand tonnes per day (ktpd); tonnes (t); and wet metric tonnes (wmt).

In this release, the terms 'BHP', the 'Group', 'BHP Group', 'we', 'us', 'our' and ourselves' are used to refer to BHP Group Limited, BHP Group plc and, except where the context otherwise requires, their respective subsidiaries as defined in note 30 'Subsidiaries' in section 3.1 of BHP's 30 June 2021 Annual Report and Form 20-F. Those terms do not include non-operated assets. Notwithstanding that this release may include production, financial and other information from non-operated assets, non-operated assets are not included in the BHP Group and, as a result, statements regarding our operations, assets and values apply only to our operated assets unless stated otherwise. Our non-operated assets include Antamina, Samarco, Atlantis, Mad Dog, Bass Strait and North West Shelf. BHP Group cautions against undue reliance on any forward-looking statement or guidance in this release, particularly in light of the current economic climate and significant volatility, uncertainty and disruption arising in connection with COVID-19. These forward looking statements are based on information available as at the date of this release and are not guarantees or predictions of future performance and involve known and unknown risks, uncertainties and other factors, many of which are beyond our control and which may cause actual results to differ materially from those expressed in the statements contained in this release.

Further information on BHP can be found at: [bhp.com](http://bhp.com)

Authorised for lodgement by:  
Stefanie Wilkinson  
Group Company Secretary

### Media Relations

Email: [media.relations@bhp.com](mailto:media.relations@bhp.com)

#### Australia and Asia

Gabrielle Notley  
Tel: +61 3 9609 3830 Mobile: +61 411 071 715

#### Europe, Middle East and Africa

Neil Burrows  
Tel: +44 20 7802 7484 Mobile: +44 7786 661 683

#### Americas

Judy Dane  
Tel: +1 713 961 8283 Mobile: +1 713 299 5342

### Investor Relations

Email: [investor.relations@bhp.com](mailto:investor.relations@bhp.com)

#### Australia and Asia

Dinesh Bishop  
Mobile: +61 407 033 909

#### Europe, Middle East and Africa

James Bell  
Tel: +44 20 7802 7144 Mobile: +44 7961 636 432

#### Americas

Sabrina Goulart  
Mobile: +1 832 781 6698

BHP Group Limited ABN 49 004 028 077  
LEI WZE1WSENV6JSZFK0JC28  
Registered in Australia  
Registered Office: Level 18, 171 Collins Street  
Melbourne Victoria 3000 Australia  
Tel +61 1300 55 4757 Fax +61 3 9609 3015

Members of the BHP Group which is  
headquartered in Australia



Follow us on social media

## Production summary

	BHP interest	Quarter ended				Year to date		
		Mar 2021	Jun 2021	Sep 2021	Dec 2021	Mar 2022	Mar 2021	
<b>Copper <sup>(1)</sup></b>								
<b>Copper</b>								
<b>Payable metal in concentrate (kt)</b>								
Escondida <sup>(2)</sup>	57.5%	202.7	195.6	194.7	196.2	<b>178.2</b>	<b>569.1</b>	676.1
Pampa Norte <sup>(3)</sup>	100.0%	5.6	21.1	26.4	24.2	<b>32.4</b>	<b>83.0</b>	6.3
Antamina	33.8%	34.7	36.1	35.8	38.4	<b>36.1</b>	<b>110.3</b>	107.9
Total		<u>243.0</u>	<u>252.8</u>	<u>256.9</u>	<u>258.8</u>	<u><b>246.7</b></u>	<u><b>762.4</b></u>	<u>790.3</u>
<b>Cathode (kt)</b>								
Escondida <sup>(2)</sup>	57.5%	46.6	51.1	49.0	48.4	<b>48.2</b>	<b>145.6</b>	145.4
Pampa Norte <sup>(3)</sup>	100%	46.4	48.3	41.1	44.1	<b>35.8</b>	<b>121.0</b>	142.5
Olympic Dam	100%	55.4	50.8	29.5	14.2	<b>39.0</b>	<b>82.7</b>	154.5
Total		<u>148.4</u>	<u>150.2</u>	<u>119.6</u>	<u>106.7</u>	<u><b>123.0</b></u>	<u><b>349.3</b></u>	<u>442.4</u>
<b>Total copper (kt)</b>		<u>391.4</u>	<u>403.0</u>	<u>376.5</u>	<u>365.5</u>	<u><b>369.7</b></u>	<u><b>1,111.7</b></u>	<u>1,232.7</u>
<b>Lead</b>								
<b>Payable metal in concentrate (t)</b>								
Antamina	33.8%	468	381	378	277	<b>282</b>	<b>937</b>	2,151
Total		<u>468</u>	<u>381</u>	<u>378</u>	<u>277</u>	<u><b>282</b></u>	<u><b>937</b></u>	<u>2,151</u>
<b>Zinc</b>								
<b>Payable metal in concentrate (t)</b>								
Antamina	33.8%	33,299	35,483	33,289	29,603	<b>32,732</b>	<b>95,624</b>	109,606
Total		<u>33,299</u>	<u>35,483</u>	<u>33,289</u>	<u>29,603</u>	<u><b>32,732</b></u>	<u><b>95,624</b></u>	<u>109,606</u>
<b>Gold</b>								
<b>Payable metal in concentrate (troy oz)</b>								
Escondida <sup>(2)</sup>	57.5%	37,954	38,893	41,962	42,937	<b>36,303</b>	<b>121,202</b>	128,075
Pampa Norte <sup>(3)</sup>	100%	-	4,728	6,967	5,776	<b>7,929</b>	<b>20,672</b>	-
Olympic Dam (refined gold)	100%	37,075	48,478	26,277	37,805	<b>29,355</b>	<b>93,437</b>	97,520
Total		<u>75,029</u>	<u>92,099</u>	<u>75,206</u>	<u>86,518</u>	<u><b>73,587</b></u>	<u><b>235,311</b></u>	<u>225,595</u>
<b>Silver</b>								
<b>Payable metal in concentrate (troy koz)</b>								
Escondida <sup>(2)</sup>	57.5%	1,318	1,234	1,291	1,462	<b>1,270</b>	<b>4,023</b>	4,525
Pampa Norte <sup>(3)</sup>	100%	-	214	273	215	<b>261</b>	<b>749</b>	-
Antamina	33.8%	1,463	1,409	1,367	1,308	<b>1,191</b>	<b>3,866</b>	4,556
Olympic Dam (refined silver)	100%	275	185	191	258	<b>149</b>	<b>598</b>	625
Total		<u>3,056</u>	<u>3,042</u>	<u>3,122</u>	<u>3,243</u>	<u><b>2,871</b></u>	<u><b>9,236</b></u>	<u>9,706</u>
<b>Uranium</b>								
<b>Payable metal in concentrate (t)</b>								
Olympic Dam	100%	834	614	531	287	<b>781</b>	<b>1,599</b>	2,653
Total		<u>834</u>	<u>614</u>	<u>531</u>	<u>287</u>	<u><b>781</b></u>	<u><b>1,599</b></u>	<u>2,653</u>
<b>Molybdenum</b>								
<b>Payable metal in concentrate (t)</b>								
Pampa Norte <sup>(3)</sup>	100%	-	-	-	-	-	-	-
Antamina	33.8%	276	111	142	217	<b>190</b>	<b>549</b>	752
Total		<u>276</u>	<u>111</u>	<u>142</u>	<u>217</u>	<u><b>190</b></u>	<u><b>549</b></u>	<u>752</u>
<b>Iron Ore</b>								
<b>Iron Ore</b>								
<b>Production (kt) <sup>(4)</sup></b>								

## Production summary

	BHP interest	Quarter ended				Year to date	
		Mar 2021	Jun 2021	Sep 2021	Dec 2021	Mar 2022	Mar 2021
Newman	85%	14,614	14,560	16,461	14,577	<b>11,847</b>	48,661
Area C Joint Venture	85%	13,010	15,920	18,947	22,911	<b>24,888</b>	36,466
Yandi Joint Venture	85%	16,112	18,405	11,834	12,261	<b>8,418</b>	50,191
Jimblebar <sup>(5)</sup>	85%	15,241	15,337	15,009	15,324	<b>13,553</b>	52,056
Samarco	50%	878	1,023	1,048	1,029	<b>994</b>	915
<b>Total</b>		<b>59,855</b>	<b>65,245</b>	<b>63,299</b>	<b>66,102</b>	<b>59,700</b>	<b>188,289</b>
<b>Coal</b>							
<b>Metallurgical coal</b>							
<b>Production (kt) <sup>(6)</sup></b>							
BMA	50%	7,727	9,253	6,715	6,300	<b>7,944</b>	22,631
BHP Mitsui Coal <sup>(7) (8)</sup>	80%	1,863	2,570	2,135	2,518	<b>2,618</b>	6,171
<b>Total</b>		<b>9,590</b>	<b>11,823</b>	<b>8,850</b>	<b>8,818</b>	<b>10,562</b>	<b>28,802</b>
<b>Energy coal</b>							
<b>Production (kt)</b>							
NSW Energy Coal	100%	2,981	4,492	4,238	2,967	<b>2,577</b>	9,834
<b>Total</b>		<b>2,981</b>	<b>4,492</b>	<b>4,238</b>	<b>2,967</b>	<b>2,577</b>	<b>9,834</b>
<b>Production (kt)</b>							
Cerrejón <sup>(9)</sup>	33.3%	1,795	1,784	2,060	2,176	-	3,180
<b>Total</b>		<b>1,795</b>	<b>1,784</b>	<b>2,060</b>	<b>2,176</b>	<b>-</b>	<b>3,180</b>
<b>Other</b>							
<b>Nickel</b>							
<b>Saleable production (kt)</b>							
Nickel West	100%	20.4	22.4	17.8	21.5	<b>18.7</b>	66.6
<b>Total</b>		<b>20.4</b>	<b>22.4</b>	<b>17.8</b>	<b>21.5</b>	<b>18.7</b>	<b>66.6</b>
<b>Cobalt</b>							
<b>Saleable production (t)</b>							
Nickel West	100%	273	241	177	220	<b>125</b>	747
<b>Total</b>		<b>273</b>	<b>241</b>	<b>177</b>	<b>220</b>	<b>125</b>	<b>747</b>
<b>Discontinued operations</b>							
<b>Petroleum <sup>(10) (11)</sup></b>							
<b>Production</b>							
Crude oil, condensate and NGL (Mboe)		11,601	12,205	12,751	12,345	<b>11,456</b>	33,837
Natural gas (bcf)		82.6	88.6	88.4	80.1	<b>75.9</b>	252.0
<b>Total (Mboe)</b>		<b>25,368</b>	<b>26,972</b>	<b>27,484</b>	<b>25,695</b>	<b>24,106</b>	<b>75,837</b>

(1) Metal production is reported on the basis of payable metal.

(2) Shown on a 100% basis. BHP interest in saleable production is 57.5%.

(3) Includes Cerro Colorado and Spence.

(4) Iron ore production is reported on a wet tonnes basis.

(5) Shown on a 100% basis. BHP interest in saleable production is 85%.

(6) Metallurgical coal production is reported on the basis of saleable product. Production figures include some thermal coal.

(7) Shown on a 100% basis. BHP interest in saleable production is 80%.

(8) BHP announced the divestment of its interest in BHP Mitsui Coal (BMC) in November 2021, but will continue to report BMC as part of Queensland Coal as BHP maintain economic and operating control of BMC until the sale has completed, which is expected to occur on 3 May 2022.

(9) BHP completed the sale of its 33.3 per cent interest in Cerrejón on 11 January 2022. Production reported until 31 December 2021.

(10) BHP announced a binding share sale agreement for the proposed merger of BHP's oil and gas portfolio with Woodside in November 2021 with completion expected on 1 June 2022.

(11) LPG and ethane are reported as natural gas liquids (NGL). Product-specific conversions are made and NGL is reported in barrels of oil equivalent (boe). Total boe conversions are based on 6 bcf of natural gas equals 1,000 Mboe.

## Production summary

	Quarter ended					Year to date	
	Mar	Jun	Sep	Dec	Mar	Mar	Mar
BHP interest	<i>2021</i>	<i>2021</i>	<i>2021</i>	<i>2021</i>	<b>2022</b>	<b>2022</b>	<i>2021</i>

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

For personal use only

## Production and sales report

	Quarter ended				Year to date	
	Mar	Jun	Sep	Dec	Mar	Mar
	2021	2021	2021	2021	2022	2021

### Copper

Metals production is payable metal unless otherwise stated.

#### Escondida, Chile <sup>(1)</sup>

Material mined	(kt)	95,978	104,043	113,874	117,284	<b>107,676</b>	<b>338,834</b>	276,609
Concentrator throughput	(kt)	32,654	31,903	33,528	35,787	<b>30,235</b>	<b>99,550</b>	103,690
Average copper grade - concentrator	(%)	0.78%	0.77%	0.73%	0.71%	<b>0.80%</b>	<b>0.74%</b>	0.82%
Production ex mill	(kt)	207.8	202.8	201.2	203.6	<b>191.5</b>	<b>596.3</b>	697.8

#### Production

Payable copper	(kt)	202.7	195.6	194.7	196.2	<b>178.2</b>	<b>569.1</b>	676.1
Copper cathode (EW)	(kt)	46.6	51.1	49.0	48.4	<b>48.2</b>	<b>145.6</b>	145.4
- Oxide leach	(kt)	16.1	14.5	14.8	13.1	<b>12.2</b>	<b>40.1</b>	49.4
- Sulphide leach	(kt)	30.5	36.6	34.2	35.3	<b>36.0</b>	<b>105.5</b>	96.0
Total copper	(kt)	<b>249.3</b>	<b>246.7</b>	<b>243.7</b>	<b>244.6</b>	<b>226.4</b>	<b>714.7</b>	821.5
Payable gold concentrate	(troy oz)	37,954	38,893	41,962	42,937	<b>36,303</b>	<b>121,202</b>	128,075
Payable silver concentrate	(troy koz)	1,318	1,234	1,291	1,462	<b>1,270</b>	<b>4,023</b>	4,525

#### Sales

Payable copper	(kt)	196.9	194.1	190.5	200.2	<b>177.0</b>	<b>567.7</b>	678.3
Copper cathode (EW)	(kt)	49.6	49.6	46.7	49.7	<b>47.2</b>	<b>143.6</b>	143.8
Payable gold concentrate	(troy oz)	37,954	38,893	41,962	42,937	<b>36,303</b>	<b>121,202</b>	128,075
Payable silver concentrate	(troy koz)	1,318	1,234	1,291	1,462	<b>1,270</b>	<b>4,023</b>	4,525

(1) Shown on a 100% basis. BHP interest in saleable production is 57.5%.

#### Pampa Norte, Chile

##### Cerro Colorado

Material mined	(kt)	6,153	5,498	5,378	4,782	<b>3,516</b>	<b>13,676</b>	25,521
Ore stacked	(kt)	3,283	3,702	3,566	4,029	<b>3,181</b>	<b>10,776</b>	10,881
Average copper grade - stacked	(%)	0.58%	0.58%	0.60%	0.62%	<b>0.53%</b>	<b>0.59%</b>	0.61%

#### Production

Copper cathode (EW)	(kt)	13.9	14.7	13.4	15.3	<b>11.6</b>	<b>40.3</b>	45.5
---------------------	------	------	------	------	------	-------------	-------------	------

#### Sales

Copper cathode (EW)	(kt)	13.2	15.4	12.1	16.0	<b>10.5</b>	<b>38.6</b>	44.4
---------------------	------	------	------	------	------	-------------	-------------	------

#### Spence

Material mined	(kt)	19,195	21,262	21,154	24,025	<b>24,040</b>	<b>69,219</b>	55,940
Ore stacked	(kt)	5,536	4,609	5,258	5,071	<b>5,055</b>	<b>15,384</b>	15,546
Average copper grade - stacked	(%)	0.64%	0.72%	0.64%	0.66%	<b>0.67%</b>	<b>0.66%</b>	0.84%
Concentrator throughput	(kt)	2,471	4,929	5,786	6,234	<b>6,512</b>	<b>18,532</b>	3,678
Average copper grade - concentrator	(%)	-	0.63%	0.65%	0.60%	<b>0.65%</b>	<b>0.63%</b>	-

#### Production

Payable copper	(kt)	5.6	21.1	26.4	24.2	<b>32.4</b>	<b>83.0</b>	6.3
Copper cathode (EW)	(kt)	32.5	33.6	27.7	28.8	<b>24.2</b>	<b>80.7</b>	97.0
Total copper	(kt)	<b>38.1</b>	<b>54.7</b>	<b>54.1</b>	<b>53.0</b>	<b>56.6</b>	<b>163.7</b>	103.3
Payable gold concentrate	(troy oz)	-	<b>4,728</b>	6,967	5,776	<b>7,929</b>	<b>20,672</b>	-
Payable silver concentrate	(troy koz)	-	<b>214</b>	273	215	<b>261</b>	<b>749</b>	-
Payable molybdenum	(t)	-	-	-	-	-	-	-

#### Sales

Payable copper	(kt)	1.8	20.8	28.4	24.9	<b>28.1</b>	<b>81.4</b>	1.8
----------------	------	-----	------	------	------	-------------	-------------	-----

## Production and sales report

		Quarter ended					Year to date	
		Mar	Jun	Sep	Dec	Mar	Mar	
		2021	2021	2021	2021	2022	2022	2021
Copper cathode (EW)	(kt)	30.7	34.1	27.7	31.2	<b>20.2</b>	<b>79.1</b>	95.7
Payable gold concentrate	(troy oz)	-	4,728.0	6,967.0	5,776.0	<b>7,929</b>	<b>20,672</b>	-
Payable silver concentrate	(troy koz)	-	214.0	273.0	215.0	<b>261</b>	<b>749</b>	-
Payable molybdenum	(t)	-	-	-	-	-	-	-
<b>Antamina, Peru</b>								
Material mined (100%)	(kt)	53,762	63,393	66,581	58,179	<b>58,118</b>	<b>182,878</b>	156,249
Concentrator throughput (100%)	(kt)	12,651	13,466	13,219	13,011	<b>13,135</b>	<b>39,365</b>	39,936
Average head grades								
- Copper	(%)	0.94%	0.93%	0.97%	1.00%	<b>0.94%</b>	<b>0.97%</b>	0.95%
- Zinc	(%)	1.16%	1.24%	1.16%	1.11%	<b>1.13%</b>	<b>1.13%</b>	1.26%
<b>Production</b>								
Payable copper	(kt)	34.7	36.1	35.8	38.4	<b>36.1</b>	<b>110.3</b>	107.9
Payable zinc	(t)	33,299	35,483	33,289	29,603	<b>32,732</b>	<b>95,624</b>	109,606
Payable silver	(troy koz)	1,463	1,409	1,367	1,308	<b>1,191</b>	<b>3,866</b>	4,556
Payable lead	(t)	468	381	378	277	<b>282</b>	<b>937</b>	2,151
Payable molybdenum	(t)	276	111	142	217	<b>190</b>	<b>549</b>	752
<b>Sales</b>								
Payable copper	(kt)	31.7	37.3	32.7	41.9	<b>32.9</b>	<b>107.5</b>	106.2
Payable zinc	(t)	34,141	32,044	32,635	32,513	<b>29,920</b>	<b>95,068</b>	112,019
Payable silver	(troy koz)	1,342	1,540	1,103	1,405	<b>1,078</b>	<b>3,586</b>	4,380
Payable lead	(t)	689	556	232	344	<b>269</b>	<b>845</b>	2,382
Payable molybdenum	(t)	192	268	86	170	<b>199</b>	<b>455</b>	936
<b>Olympic Dam, Australia</b>								
Material mined <sup>(1)</sup>	(kt)	1,979	2,143	1,935	1,998	<b>2,424</b>	<b>6,357</b>	6,561
Ore Milled	(kt)	2,238	2,429	2,024	1,105	<b>2,122</b>	<b>5,251</b>	7,058
Average copper grade	(%)	2.02%	1.95%	2.03%	2.17%	<b>2.21%</b>	<b>2.13%</b>	2.02%
Average uranium grade	(kg/t)	0.61	0.56	0.55	0.55	<b>0.62</b>	<b>0.58</b>	0.58
<b>Production</b>								
Copper cathode (ER and EW)	(kt)	55.4	50.8	29.5	14.2	<b>39.0</b>	<b>82.7</b>	154.5
Payable uranium	(t)	834	614	531	287	<b>781</b>	<b>1,599</b>	2,653
Refined gold	(troy oz)	37,075	48,478	26,277	37,805	<b>29,355</b>	<b>93,437</b>	97,520
Refined silver	(troy koz)	275	185	191	258	<b>149</b>	<b>598</b>	625
<b>Sales</b>								
Copper cathode (ER and EW)	(kt)	55.6	52.7	29.1	17.9	<b>36.3</b>	<b>83.3</b>	151.7
Payable uranium	(t)	779	1,179	536	541	<b>236</b>	<b>1,313</b>	2,637
Refined gold	(troy oz)	38,852	47,300	24,654	38,768	<b>30,935</b>	<b>94,357</b>	96,296
Refined silver	(troy koz)	242	245	126	290	<b>182</b>	<b>598</b>	629

(1) Material mined refers to underground ore mined, subsequently hoisted or trucked to surface.

## Production and sales report

Quarter ended					Year to date	
Mar 2021	Jun 2021	Sep 2021	Dec 2021	Mar 2022	Mar 2022	Mar 2021

### Iron Ore

Iron ore production and sales are reported on a wet tonnes basis.

#### Western Australia Iron Ore, Australia

##### Production

Newman	(kt)	14,614	14,560	16,461	14,577	<b>11,847</b>	<b>42,885</b>	48,661
Area C Joint Venture	(kt)	13,010	15,920	18,947	22,911	<b>24,888</b>	<b>66,746</b>	36,466
Yandi Joint Venture	(kt)	16,112	18,405	11,834	12,261	<b>8,418</b>	<b>32,513</b>	50,191
Jimblebar <sup>(1)</sup>	(kt)	15,241	15,337	15,009	15,324	<b>13,553</b>	<b>43,886</b>	52,056
Total production	(kt)	<b>58,977</b>	<b>64,222</b>	<b>62,251</b>	<b>65,073</b>	<b>58,706</b>	<b>186,030</b>	187,374
Total production (100%)	(kt)	<b>66,695</b>	<b>72,848</b>	<b>70,587</b>	<b>73,852</b>	<b>66,674</b>	<b>211,113</b>	211,254

##### Sales

Lump	(kt)	15,593	16,410	17,546	17,827	<b>16,966</b>	<b>52,339</b>	49,352
Fines	(kt)	42,939	48,837	45,039	46,809	<b>42,187</b>	<b>134,035</b>	137,453
Total	(kt)	<b>58,532</b>	<b>65,247</b>	<b>62,585</b>	<b>64,636</b>	<b>59,153</b>	<b>186,374</b>	186,805
Total sales (100%)	(kt)	<b>66,032</b>	<b>73,712</b>	<b>70,815</b>	<b>73,222</b>	<b>67,110</b>	<b>211,147</b>	210,159

(1) Shown on a 100% basis. BHP interest in saleable production is 85%.

#### Samarco, Brazil

Production	(kt)	878	1,023	1,048	1,029	<b>994</b>	<b>3,071</b>	915
Sales	(kt)	646	1,052	1,111	950	<b>943</b>	<b>3,004</b>	646



## Production and sales report

	Quarter ended					Year to date	
	Mar	Jun	Sep	Dec	Mar	Mar	
	2021	2021	2021	2021	2022	2021	

### Coal

Coal production is reported on the basis of saleable product.

#### Queensland Coal, Australia

##### Production <sup>(1)</sup>

BMA								
Blackwater	(kt)	1,416	1,887	1,403	1,202	<b>1,478</b>	<b>4,083</b>	4,337
Gooniyella	(kt)	2,232	2,752	1,798	1,797	<b>2,336</b>	<b>5,931</b>	6,696
Peak Downs	(kt)	1,595	1,597	1,223	960	<b>1,395</b>	<b>3,578</b>	4,295
Saraji	(kt)	1,238	1,391	999	1,081	<b>1,366</b>	<b>3,446</b>	3,098
Daunia	(kt)	496	478	377	304	<b>338</b>	<b>1,019</b>	1,450
Caval Ridge	(kt)	750	1,148	915	956	<b>1,031</b>	<b>2,902</b>	2,755
Total BMA	(kt)	<b>7,727</b>	<b>9,253</b>	<b>6,715</b>	<b>6,300</b>	<b>7,944</b>	<b>20,959</b>	22,631
Total BMA (100%)	(kt)	<b>15,454</b>	<b>18,506</b>	<b>13,430</b>	<b>12,600</b>	<b>15,888</b>	<b>41,918</b>	45,262

##### BHP Mitsui Coal <sup>(2) (3)</sup>

South Walker Creek	(kt)	1,031	1,500	1,462	1,535	<b>1,530</b>	<b>4,527</b>	3,387
Poitrel	(kt)	832	1,070	673	983	<b>1,088</b>	<b>2,744</b>	2,784
Total BHP Mitsui Coal	(kt)	<b>1,863</b>	<b>2,570</b>	<b>2,135</b>	<b>2,518</b>	<b>2,618</b>	<b>7,271</b>	6,171

Total Queensland Coal	(kt)	<b>9,590</b>	<b>11,823</b>	<b>8,850</b>	<b>8,818</b>	<b>10,562</b>	<b>28,230</b>	28,802
Total Queensland Coal (100%)	(kt)	<b>17,317</b>	<b>21,076</b>	<b>15,565</b>	<b>15,118</b>	<b>18,506</b>	<b>49,189</b>	51,433

### Sales

BMA								
Coking coal	(kt)	6,752	7,801	5,415	4,875	<b>6,334</b>	<b>16,624</b>	19,470
Weak coking coal	(kt)	1,038	1,069	734	754	<b>805</b>	<b>2,293</b>	2,951
Thermal coal	(kt)	206	400	576	455	<b>484</b>	<b>1,515</b>	267
Total BMA	(kt)	<b>7,996</b>	<b>9,270</b>	<b>6,725</b>	<b>6,084</b>	<b>7,623</b>	<b>20,432</b>	22,688
Total BMA (100%)	(kt)	<b>15,992</b>	<b>18,540</b>	<b>13,450</b>	<b>12,168</b>	<b>15,246</b>	<b>40,864</b>	45,376

##### BHP Mitsui Coal <sup>(2) (3)</sup>

Coking coal	(kt)	357	535	313	458	<b>576</b>	<b>1,347</b>	1,632
Weak coking coal	(kt)	1,404	2,027	1,788	1,812	<b>2,013</b>	<b>5,613</b>	4,467
Thermal coal	(kt)	-	-	-	-	-	-	-
Total BHP Mitsui Coal	(kt)	<b>1,761</b>	<b>2,562</b>	<b>2,101</b>	<b>2,270</b>	<b>2,589</b>	<b>6,960</b>	6,099

Total Queensland Coal	(kt)	<b>9,757</b>	<b>11,832</b>	<b>8,826</b>	<b>8,354</b>	<b>10,212</b>	<b>27,392</b>	28,787
Total Queensland Coal (100%)	(kt)	<b>17,753</b>	<b>21,102</b>	<b>15,551</b>	<b>14,438</b>	<b>17,835</b>	<b>47,824</b>	51,475

(1) Production figures include some thermal coal.

(2) Shown on a 100% basis. BHP interest in saleable production is 80%.

(3) BHP announced the divestment of its interest in BHP Mitsui Coal (BMC) in November 2021, but will continue to report BMC as part of Queensland Coal as BHP maintain economic and operating control of BMC until the sale has completed, which is expected to occur on 3 May 2022.

#### NSW Energy Coal, Australia

Production	(kt)	2,981	4,492	4,238	2,967	<b>2,577</b>	<b>9,782</b>	9,834
Sales thermal coal - export	(kt)	2,827	4,691	3,780	3,718	<b>2,703</b>	<b>10,201</b>	9,935

#### Carreón, Colombia <sup>(1)</sup>

Production	(kt)	1,795	1,784	2,060	2,176	-	<b>4,236</b>	3,180
Sales thermal coal - export	(kt)	1,746	1,619	2,180	2,012	-	<b>4,192</b>	3,110

## Production and sales report

Quarter ended					Year to date	
Mar	Jun	Sep	Dec	Mar	Mar	Mar
2021	2021	2021	2021	2022	2022	2021

(1) BHP completed the sale of its 33.3 per cent interest in Cerrejón on 11 January 2022. Production reported until 31 December 2021.

For personal use only

## Production and sales report

	Quarter ended					Year to date	
	Mar	Jun	Sep	Dec	Mar	Mar	
	2021	2021	2021	2021	2022	2021	

### Other

Nickel production is reported on the basis of saleable product

#### Nickel West, Australia

##### Mt Keith

Nickel concentrate	(kt)	54.1	50.4	53.7	47.0	<b>47.1</b>	<b>147.8</b>	174.2
Average nickel grade	(%)	13.3	13.3	14.6	13.2	<b>14.4</b>	<b>14.1</b>	14.7

##### Leinster

Nickel concentrate	(kt)	71.5	71.4	73.8	77.4	<b>78.0</b>	<b>229.2</b>	210.5
Average nickel grade	(%)	10.2	10.5	8.9	9.1	<b>8.9</b>	<b>9.0</b>	9.6

#### Saleable production

Refined nickel <sup>(1)</sup>	(kt)	15.2	17.1	14.4	18.2	<b>13.3</b>	<b>45.9</b>	52.9
Nickel sulphate <sup>(2)</sup>	(kt)	-	-	-	0.4	<b>0.7</b>	<b>1.1</b>	-
Intermediates and nickel by-products <sup>(3)</sup>	(kt)	5.2	5.3	3.4	2.9	<b>4.7</b>	<b>11.0</b>	13.7
<b>Total nickel</b>	<b>(kt)</b>	<b>20.4</b>	<b>22.4</b>	<b>17.8</b>	<b>21.5</b>	<b>18.7</b>	<b>58.0</b>	66.6

Cobalt by-products	(t)	273	241	177	220	<b>125</b>	<b>522</b>	747
--------------------	-----	-----	-----	-----	-----	------------	------------	-----

#### Sales

Refined nickel <sup>(1)</sup>	(kt)	15.0	17.8	13.8	16.9	<b>15.3</b>	<b>46.0</b>	53.0
Nickel sulphate <sup>(2)</sup>	(kt)	-	-	-	0.1	<b>0.7</b>	<b>0.8</b>	-
Intermediates and nickel by-products <sup>(3)</sup>	(kt)	5.9	4.0	3.9	3.1	<b>2.7</b>	<b>9.7</b>	13.1
<b>Total nickel</b>	<b>(kt)</b>	<b>20.9</b>	<b>21.8</b>	<b>17.7</b>	<b>20.1</b>	<b>18.7</b>	<b>56.5</b>	66.1

Cobalt by-products	(t)	273	241	177	220	<b>125</b>	<b>522</b>	748
--------------------	-----	-----	-----	-----	-----	------------	------------	-----

(1) High quality refined nickel metal, including briquettes and powder.

(2) Nickel sulphate crystals produced from nickel powder.

(3) Nickel contained in matte and by-product streams.

## Production and sales report

		Quarter ended					Year to date	
		Mar 2021	Jun 2021	Sep 2021	Dec 2021	Mar 2022	Mar 2022	Mar 2021
<b>Discontinued operations</b>								
<b>Petroleum <sup>(1) (2)</sup></b>								
<b>Bass Strait</b>								
Crude oil and condensate	(Mboe)	859	1,205	1,201	971	<b>895</b>	<b>3,067</b>	3,167
NGL	(Mboe)	1,035	1,563	1,655	1,140	<b>1,149</b>	<b>3,944</b>	3,752
Natural gas	(bcf)	22.7	32.8	35.8	25.8	<b>22.4</b>	<b>84.0</b>	80.2
Total petroleum products	(Mboe)	<b>5,677</b>	<b>8,235</b>	<b>8,823</b>	<b>6,411</b>	<b>5,777</b>	<b>21,011</b>	20,285
<b>North West Shelf</b>								
Crude oil and condensate	(Mboe)	1,183	933	973	1,027	<b>1,016</b>	<b>3,016</b>	3,578
NGL	(Mboe)	188	177	148	180	<b>185</b>	<b>513</b>	515
Natural gas	(bcf)	31.1	26.5	24.3	25.8	<b>26.4</b>	<b>76.5</b>	91.1
Total petroleum products	(Mboe)	<b>6,554</b>	<b>5,527</b>	<b>5,171</b>	<b>5,507</b>	<b>5,601</b>	<b>16,279</b>	19,276
<b>Pyrenees</b>								
Crude oil and condensate	(Mboe)	679	690	710	723	<b>684</b>	<b>2,117</b>	2,342
Total petroleum products	(Mboe)	<b>679</b>	<b>690</b>	<b>710</b>	<b>723</b>	<b>684</b>	<b>2,117</b>	2,342
<b>Macedon</b>								
Crude oil and condensate	(Mboe)	1	-	1	1	-	<b>2</b>	3
Natural gas	(bcf)	12.4	12.6	12.7	12.6	<b>12.5</b>	<b>37.8</b>	37.7
Total petroleum products	(Mboe)	<b>2,068</b>	<b>2,100</b>	<b>2,118</b>	<b>2,101</b>	<b>2,083</b>	<b>6,302</b>	6,287
<b>Atlantis <sup>(3)</sup></b>								
Crude oil and condensate	(Mboe)	2,590	3,117	3,171	3,222	<b>2,692</b>	<b>9,085</b>	7,396
NGL	(Mboe)	171	218	222	186	<b>171</b>	<b>579</b>	472
Natural gas	(bcf)	1.4	1.6	1.7	1.5	<b>1.3</b>	<b>4.5</b>	3.7
Total petroleum products	(Mboe)	<b>2,994</b>	<b>3,602</b>	<b>3,676</b>	<b>3,658</b>	<b>3,080</b>	<b>10,414</b>	8,484
<b>Mad Dog <sup>(3)</sup></b>								
Crude oil and condensate	(Mboe)	1,209	1,099	1,155	1,137	<b>964</b>	<b>3,256</b>	3,350
NGL	(Mboe)	57	77	46	56	<b>35</b>	<b>137</b>	143
Natural gas	(bcf)	0.2	0.2	0.2	0.1	<b>0.1</b>	<b>0.4</b>	0.5
Total petroleum products	(Mboe)	<b>1,299</b>	<b>1,209</b>	<b>1,234</b>	<b>1,210</b>	<b>1,016</b>	<b>3,460</b>	3,576
<b>Shenzi <sup>(3)</sup></b>								
Crude oil and condensate	(Mboe)	2,328	2,023	2,016	2,335	<b>2,378</b>	<b>6,729</b>	5,487
NGL	(Mboe)	130	87	102	134	<b>114</b>	<b>350</b>	288
Natural gas	(bcf)	0.4	0.1	0.4	0.4	<b>0.4</b>	<b>1.2</b>	1.0
Total petroleum products	(Mboe)	<b>2,525</b>	<b>2,127</b>	<b>2,185</b>	<b>2,536</b>	<b>2,559</b>	<b>7,280</b>	5,942
<b>Trinidad/Tobago</b>								
Crude oil and condensate	(Mboe)	139	236	491	396	<b>288</b>	<b>1,175</b>	337
Natural gas	(bcf)	14.4	14.7	13.3	13.9	<b>12.7</b>	<b>39.9</b>	37.7
Total petroleum products	(Mboe)	<b>2,539</b>	<b>2,686</b>	<b>2,708</b>	<b>2,713</b>	<b>2,405</b>	<b>7,826</b>	6,620
<b>Other Americas <sup>(3) (4)</sup></b>								
Crude oil and condensate	(Mboe)	187	104	83	81	<b>91</b>	<b>255</b>	589
NGL	(Mboe)	-	8	3	-	<b>6</b>	<b>9</b>	13
Natural gas	(bcf)	-	0.1	-	-	<b>0.1</b>	<b>0.1</b>	0.1
Total petroleum products	(Mboe)	<b>187</b>	<b>129</b>	<b>86</b>	<b>81</b>	<b>114</b>	<b>281</b>	619
<b>Algeria</b>								

## Production and sales report

		Quarter ended					Year to date	
		Mar	Jun	Sep	Dec	Mar	Mar	
		2021	2021	2021	2021	2022	2022	2021
Crude oil and condensate	(Mboe)	845	668	774	756	<b>788</b>	<b>2,318</b>	2,405
Total petroleum products	(Mboe)	845	668	774	756	<b>788</b>	<b>2,318</b>	2,405
<b>Total production</b>								
Crude oil and condensate	(Mboe)	10,020	10,075	10,575	10,649	<b>9,796</b>	<b>31,020</b>	28,654
NGL	(Mboe)	1,581	2,130	2,176	1,696	<b>1,660</b>	<b>5,532</b>	5,183
Natural gas	(bcf)	82.6	88.6	88.4	80.1	<b>75.9</b>	<b>244.4</b>	252.0
Total	(Mboe)	25,368	26,972	27,484	25,695	<b>24,106</b>	<b>77,285</b>	75,837

(1) BHP announced a binding share sale agreement for the proposed merger of BHP's oil and gas portfolio with Woodside in November 2021 with completion of the merger expected to occur on 1 June 2022. The effective date of the merger is 1 July 2021.

(2) Total boe conversions are based on 6 bcf of natural gas equals 1,000 Mboe. Negative production figures represent finalisation adjustments.

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

(4) Other Americas includes Neptune, Genesis and Overriding Royalty Interest.