

## Press release

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### Fourth quarter 2009 operations review

14 January 2010

Chief executive Tom Albanese said: "We are seeing recovery across most of our key commodities, although we continue to be cautious on the state of the global economy going into 2010 as stimulus packages start to wind down. This was another very strong quarter for iron ore production, driven by continuing high demand from China. In the Pilbara we achieved record sales for both the quarter and the full year and both global and Pilbara production set new records in 2009. We made good progress in divestments with \$1.85 billion of sales completed in the fourth quarter and have now agreed sales of \$10.3 billion since we began the divestment programme in 2008."

- Rio Tinto's global iron ore production was up 49 per cent compared with the fourth quarter of 2008. Global iron ore sales set a new quarterly record of 61 million tonnes (100 per cent basis). Rio Tinto's global iron ore production in 2009 exceeded 217 million tonnes (172 million tonnes on an attributable basis), a 13 per cent increase on 2008, and also a new record.
- Pilbara iron ore production was 56 million tonnes (45 million tonnes on an attributable basis), up 54 per cent on the fourth quarter of 2008. The Pilbara system consistently operated above its nameplate capacity in order to supply continuing strong growth in demand.
- Mined copper production was up 36 per cent on the fourth quarter of 2008 with higher production at all operations, notably at Escondida and Grasberg.
- Refined copper production was up 15 per cent on the fourth quarter of 2008 following higher concentrate grades and a further improvement in performance at Kennecott Utah Copper.
- Mined gold production exceeded 1.1 million ounces in 2009, 141 per cent above 2008, attributable to higher grades at Kennecott Utah Copper and Grasberg.
- Production cutbacks were maintained in the Aluminium group in response to market conditions. Bauxite production was down one per cent, alumina down two per cent and aluminium down three per cent, compared with the fourth quarter of 2008. At the end of 2009 Rio Tinto Alcan's annual run rate was nine per cent lower than at the start of the year.
- Australian thermal coal production was up five per cent on the fourth quarter of 2008. Australian hard coking coal production was down two per cent on the same period.
- Uranium production was down 20 per cent on the fourth quarter of 2008 due to lower grades at ERA. 2009 full year uranium production was consistent with the prior year.
- On 5 December 2009 Rio Tinto and BHP Billiton announced that they had signed binding agreements on the proposed iron ore production joint venture that cover all aspects of how the joint venture will operate and be governed. Rio Tinto and BHP Billiton anticipate completion of the production joint venture in the second half of calendar year 2010.

*All currency figures in this report are US dollars, and comments refer to Rio Tinto's share of production, unless otherwise stated*

**CORPORATE ACTIVITY**

During 2009 Rio Tinto announced asset sales totalling \$7.2 billion, of which \$3.6 billion completed in 2009. Since February 2008, Rio Tinto has announced agreed asset sales of \$10.3 billion.

In the fourth quarter of 2009 the Group realised \$1.85 billion as follows:

Date	Transaction	Consideration	Comments
1 October	Jacobs Ranch coal mine	\$764m	
20 November	Cloud Peak IPO	\$741m	IPO proceeds and cash distribution from connected debt offering
1 December	Alcan Composites	\$349m	

The following divestments are expected to complete during the first quarter of 2010:

Divested division	Consideration	Comments
Alcan Packaging Food Americas	\$1.2 bn	Subject to US regulatory approval.
Alcan Packaging global pharmaceuticals, global tobacco, food Europe and food Asia divisions	\$2.025 bn	On 23 December 2009, Rio Tinto announced that it had accepted the Amcor offer following completion of the required Works Councils consultations.
Maules Creek and Vickery undeveloped coal projects	\$306m (Rio Tinto share 75.7 per cent)	Coal & Allied announced A\$480m consideration for Maules Creek and A\$31.5m for Vickery

All sales proceeds referred to above are before relevant taxes and fees.

During the fourth quarter of 2009, Richards Bay Minerals (RBM) concluded a Broad Based Black Economic Empowerment (BBBEE) transaction with a consortia of local business and community groups. Rio Tinto's share of RBM production data reflects a decrease from 50 per cent to 37 per cent with effect from 1 December 2009.

**IRON ORE****Rio Tinto share of production (000 tonnes)**

	Q4 09	vs Q4 08	vs Q3 09	FY 09	vs FY 08
Hamersley	33,917	+53%	-3%	122,751	+12%
Hope Downs	2,844	+71%	-6%	10,317	+89%
Robe River	8,037	+53%	+3%	28,841	+8%
IOC (pellets and concentrate)	2,432	+7%	+83%	8,129	-13%

**Markets**

Sales volumes from the Pilbara region of Western Australia continued at record levels and exceeded 56 million tonnes during the fourth quarter (100 per cent basis), an increase of one per cent on the third quarter and 68 per cent higher than the corresponding quarter of 2008. Shipments to all major markets, including the largest single market, China, were maintained at a high level and were primarily priced on a benchmark or its equivalent provisional basis.

**Pilbara operations**

Fourth quarter production of 56 million tonnes (45 million tonnes on an attributable basis) was two per cent lower than the previous quarter following planned maintenance, and represented a 54 per cent increase on the corresponding quarter of 2008, when production was cut back in line with customer delivery requirements.

The Pilbara system consistently operated at a run-rate in excess of its nameplate capacity of 220 million tonnes per annum during the second half of 2009. This reflected the successful implementation and optimisation of new infrastructure, control systems and recent mine

expansions. The Operations Centre continued to enhance performance as it neared the final stages of construction and ramp-up.

Work progressed on or ahead of schedule on the Mesa A and Brockman 4 mines to secure the capacity of the Pilbara mines at around 220 million tonnes per annum. Both mines are expected to commence production in the first half of 2010.

#### **Iron Ore Company of Canada (IOC)**

Rio Tinto's share of fourth quarter production at IOC was 2.4 million tonnes of pellets and concentrate, a seven per cent increase on the same quarter of 2008 and 83 per cent higher than the third quarter when a five week shutdown took place. The fourth quarter performance reflected additional heavy mobile equipment and pellet production operating at full capacity.

#### **Hismelt**

The Hismelt pig iron plant in Western Australia remains on a care and maintenance programme to April 2010, due to depressed global pig iron prices.

#### **Dampier Salt**

Fourth quarter salt production declined 31 per cent compared with the corresponding quarter of 2008. There was no production at Lake Macleod in October 2009 due to planned maintenance on a radial stacker and no production at Port Hedland in November and December during the changeover of the wet salt haulage contract.

## **COPPER**

### **Rio Tinto share of production**

	<b>Q4 09</b>	<b>vs Q4 08</b>	<b>vs Q3 09</b>	<b>FY 09</b>	<b>vs FY 08</b>
<b>Kennecott Utah Copper</b>					
Mined copper (000 tonnes)	66.8	+5%	-12%	303.5	+28%
Refined copper (000 tonnes)	72.9	+24%	+8%	274.2	+37%
Molybdenum (000 tonnes)	3.4	+74%	+1%	11.3	+7%
Mined gold (000 ozs)	159	+56%	+15%	584	+56%
Refined gold (000 ozs)	147	+104%	+32%	479	+58%
<b>Escondida</b>					
Mined copper (000 tonnes)	85.9	+30%	+10%	318.3	-17%
Refined copper (000 tonnes)	24.0	+9%	-4%	98.2	+27%
<b>Grasberg JV</b>					
Mined copper (000 tonnes)	32.5	+1725%	+29%	107.7	+1413%
Mined gold (000 ozs)	187	n/a*	+59%	429	n/a*

\* There was no gold share allocated to Rio Tinto under the joint venture metal strip share in 2008.

#### **Kennecott Utah Copper**

Fourth quarter mined copper production increased by five per cent and annual production rose 28 per cent in line with improved concentrator performance following the optimisation of the flotation circuit. Molybdenum production improved 74 per cent compared with the same quarter of 2008 when mining was focussed on copper largely due to the deterioration of the molybdenum market in late 2008.

Refined metal output benefited from high mine production during the year and improved smelter performance during the fourth quarter. A 19 day maintenance shutdown is planned for the smelter during the second quarter of 2010.

#### **Escondida**

Mined copper for the fourth quarter increased by 30 per cent compared with the corresponding period of 2008, mainly attributable to higher concentrator head grades which more than offset a ten per cent decline in concentrator throughput in the period. Refined copper production for the quarter improved by nine per cent compared with the prior year due to the continuing ramp-up of sulphide leach cathode production. Refined production declined by four per cent compared with the third quarter of 2009 due to a one week shutdown of facilities during the fourth quarter.

For the full year, mined copper production declined by 17 per cent compared with 2008, mainly due to lower throughput linked to the reduced SAG mill availability and lower head grades during the first half of the year.

#### **Grasberg**

Rio Tinto's share of joint venture copper and gold was significantly higher in 2009 compared with 2008 due to improved ore grades, higher ore treated and consequently an increased allocation in accordance with the metal strip calculation. There was no gold production allocated to Rio Tinto under the joint venture metal strip share in 2008. Freeport is due to release its 100 per cent operating data for the fourth quarter on 21 January 2010.

### **ALUMINIUM**

#### **Rio Tinto share of production (000 tonnes)**

	<b>Q4 09</b>	<b>vs Q4 08</b>	<b>vs Q3 09</b>	<b>FY 09</b>	<b>vs FY 08</b>
<b>Rio Tinto Alcan</b>					
Bauxite	9,072	-1%	+22%	30,696	-12%
Alumina	2,282	-2%	+3%	8,815	-2%
Aluminium	957	-3%	+0%	3,803	-4%

#### **Bauxite**

Fourth quarter bauxite production was one per cent lower than the same quarter of 2008 and 22 per cent higher than the previous quarter. Production at Weipa increased by 25 per cent compared with the third quarter due to rising third party demand.

#### **Alumina**

Fourth quarter alumina production was two per cent lower than the same quarter of 2008 and two per cent lower for the full year, following production cuts at the Vaudreuil (Jonquiere) and Gardanne alumina refineries announced in early 2009. These production cuts offset record annual production at the Queensland Alumina, Yarwun, Gove and Sao Luis (Alumar) refineries.

Gove and Alumar continued to ramp up their expansions and presented annual production increases of eight per cent and ten per cent, respectively.

In the fourth quarter of 2009, Rio Tinto Alcan restarted idled capacity at the Vaudreuil refinery in Quebec, in response to improving alumina market conditions.

#### **Aluminium**

Fourth quarter aluminium production was three per cent lower than the same quarter of 2008. Annual production was four per cent lower than 2008.

During 2009 Rio Tinto announced the sale of the Ningxia smelter in China, the closure of the Beauharnois smelter in Quebec, the cessation of smelting activities at the Anglesey smelter in Wales and various other curtailments. At the end of 2009 Rio Tinto Alcan's annual run rate was nine per cent lower than at the start of the year.

### **ENERGY**

#### **Australian coal**

#### **Rio Tinto share of production (000 tonnes)**

	<b>Q4 09</b>	<b>vs Q4 08</b>	<b>vs Q3 09</b>	<b>FY 09</b>	<b>vs FY 08</b>
<b>Rio Tinto Coal Australia</b>					
Hard coking coal	2,119	-2%	+2%	7,467	+0%
Other coal	6,022	+5%	-0%	23,103	+5%

Hard coking coal production from the Queensland coal operations decreased by two per cent, compared with the same quarter of 2008 following a planned longwall changeover at the Kestrel mine in October 2009.

Fourth quarter production of thermal and semi-soft coal was five per cent higher than the corresponding quarter of 2008, primarily attributable to an increase in port allocations.

An investment in port capacity at the Dalrymple Bay Coal Terminal was completed in the third quarter of 2009. Additional rolling stock and track expansions will be delivered to the rail provider in 2010 to allow this capacity to be fully utilised. The expansion of the Port Waratah Coal Services (PWCS) facility was completed in the fourth quarter of 2009.

#### **US thermal coal**

##### **Rio Tinto share of production (000 tonnes)**

	<b>Q4 09</b>	<b>vs Q4 08</b>	<b>vs Q3 09</b>	<b>FY 09</b>	<b>vs FY 08</b>
US Coal	17,095	-50%	-47%	109,520	-16%

On 20 November 2009, Rio Tinto completed the initial public offering of Cloud Peak Energy Inc. As a result, Rio Tinto now holds a 48.3 per cent interest in the Antelope, Cordero Rojo and Spring Creek mines and a 24.1% interest in the Decker mine. These interests were formerly reported under Rio Tinto Energy America and are now managed by Cloud Peak Energy.

Prior to that, on 1 October 2009 Rio Tinto completed the sale of the Jacobs Ranch mine, which had previously been reported within Rio Tinto Energy America.

The table above reflects the changed shareholdings and includes the 100 per cent owned Colowyo mine.

#### **Uranium**

##### **Rio Tinto share of production (000 lbs)**

	<b>Q4 09</b>	<b>vs Q4 08</b>	<b>vs Q3 09</b>	<b>FY 09</b>	<b>vs FY 08</b>
Energy Resources of Australia	1,663	-33%	-22%	7,865	-2%
Rössing	1,697	-1%	+3%	6,275	+2%

Rio Tinto's share of fourth quarter uranium production was 20 per cent lower than the corresponding quarter of 2008. Fourth quarter production at ERA was 33 per cent lower than the corresponding quarter of 2008, due to lower mill head grade attributable to mine scheduling. This was partially offset by improved plant performance.

#### **DIAMONDS**

##### **Rio Tinto share of production (000 carats)**

	<b>Q4 09</b>	<b>vs Q4 08</b>	<b>vs Q3 09</b>	<b>FY 09</b>	<b>vs FY 08</b>
Argyle	3,504	-33%	+54%	10,591	-30%
Diavik	918	-41%	+85%	3,339	-40%

Argyle continued to ramp up production in the fourth quarter following the decision to shut operations in the second quarter to balance production with market demand. Production was 33 per cent lower than the same quarter of 2008. Markets recovered during the fourth quarter but remained below prior year levels.

Fourth quarter carat production at Diavik was 41 per cent lower than the same quarter of 2008 as the mine reduced operating levels in response to weaker market conditions. Carat production recovered 85 per cent compared with the third quarter when the six week summer shutdown took place.

Production at all Rio Tinto Diamonds operations was closely monitored throughout the year to limit inventory build up.

**MINERALS****Rio Tinto share of production (000 tonnes)**

	<b>Q4 09</b>	<b>vs Q4 08</b>	<b>vs Q3 09</b>	<b>FY 09</b>	<b>vs FY 08</b>
Borates	109	-9%	-12%	424	-31%
Titanium dioxide feedstock	325	-12%	+97%	1,147	-25%

Minerals production continued to be affected by lower demand in line with reduced economic activity across all major regions. In addition, planned maintenance shutdowns occurred during the quarter and reductions in inventory levels were targeted.

Fourth quarter borates production was down nine per cent on the same quarter of 2008 and was 12 per cent lower than the third quarter as a result of year end shutdowns for scheduled maintenance. Fourth quarter talc production increased by 18 per cent compared with the same period of 2008, as European markets staged a modest recovery.

Fourth quarter titanium dioxide feedstock production continued to be impacted by weak market conditions, although production ramped up after the eight week shutdown at QIT in the third quarter. Production reflects the BBBEE transaction completed by RBM with effect from 1 December 2009.

**EXPLORATION AND EVALUATION**

Pre-tax and pre-divestment expenditure on exploration and evaluation charged to the profit and loss account in 2009 was \$514 million compared with \$1,135 million in 2008. In 2009 the Group realised \$903 million (pre-tax) from the divestment of exploration properties, including \$818 million pre-tax (\$797 million post-tax) from the divestment of its undeveloped potash assets in Argentina and Canada.

**Exploration highlights**

In the Amargosa district of coastal Brazil, ground-penetrating radar surveys successfully mapped bauxite mineralisation to depths of up to 40m. A combination of drilling and radar surveys will be utilised in 2010 for resource estimation on the project.

In Utah, drilling within 3km of the Bingham Canyon copper mine has identified a new copper-molybdenum-gold porphyry system. Delineation drilling is now underway with numerous other geophysical targets to be tested in 2010 within the Bingham mine orbit.

On the Orientale iron ore project in northeast DRC, mapping and sampling continued over the Mount Asonga high-grade hematite prospect.

A summary of activity for the period is as follows:

<b>Product Group</b>	<b>Advanced projects</b>	<b>Greenfield programmes</b>
Aluminium	Amargosa, Brazil.	Australia, Brazil, Guyana, Laos.
Copper	Copper: Bingham Orbit, US. Nickel: Tamarack, US.	Copper: Chile, US, Peru, Russia, Kazakhstan.
Diamonds & Minerals		Diamonds: India, Canada, Democratic Republic of Congo.
Energy	Coal: Altai Nuurs, Mongolia.	Coal: South Africa, Tanzania, Mozambique. Uranium: Australia, Jordan.
Iron Ore	Pilbara, Australia.	Democratic Republic of Congo.

Mine-lease exploration continued at a number of Rio Tinto businesses including Kennecott Utah Copper, Escondida, Northparkes, Rössing, Diavik and Pilbara Iron. Exploration at ERA focussed on supporting the evaluation of the Ranger 3 Deeps and heap leach projects.

Pre-feasibility or feasibility work progressed on a number of projects including Resolution (copper/molybdenum, US), La Granja (copper, Peru), Eagle (nickel/copper, US), Bunder (diamonds, India), Simandou (iron ore, Guinea) and several Pilbara iron ore deposits.

### About Rio Tinto

Rio Tinto is a leading international mining group headquartered in the UK, combining Rio Tinto plc, a London and NYSE listed public company, and Rio Tinto Limited, which is a public company listed on the Australian Securities Exchange.

Rio Tinto's business is finding, mining, and processing mineral resources. Major products are aluminium, copper, diamonds, energy (coal and uranium), gold, industrial minerals (borax, titanium dioxide, salt, talc) and iron ore. Activities span the world but are strongly represented in Australia and North America with significant businesses in South America, Asia, Europe and southern Africa.

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## Rio Tinto production summary

### Rio Tinto share of production

		Quarter			Full Year		% change		
		2008 Q4	2009 Q3	2009 Q4	2008	2009	Q4 09 vs Q4 08	Q4 09 vs Q3 09	2009 vs 2008
<b>Principal Commodities</b>									
Alumina	('000 t)	2,336	2,208	<b>2,282</b>	9,008	<b>8,815</b>	-2%	3%	-2%
Aluminium	('000 t)	990	956	<b>957</b>	3,981	<b>3,803</b>	-3%	0%	-4%
Bauxite	('000 t)	9,119	7,443	<b>9,072</b>	34,987	<b>30,696</b>	-1%	22%	-12%
Borates	('000 t)	121	124	<b>109</b>	610	<b>424</b>	-9%	-12%	-31%
Coal - hard coking coal	('000 t)	2,162	2,077	<b>2,119</b>	7,431	<b>7,467</b>	-2%	2%	0%
Coal - other Australian	('000 t)	5,737	6,031	<b>6,022</b>	22,094	<b>23,103</b>	5%	0%	5%
Coal - US	('000 t)	34,037	32,453	<b>17,095</b>	130,755	<b>109,520</b>	-50%	-47%	-16%
Copper - mined	('000 t)	149.1	<i>197.2</i>	<b>203.3</b>	698.5	<b>804.7</b>	36%	3%	15%
Copper - refined	('000 t)	91.6	100.6	<b>105.5</b>	321.6	<b>412.4</b>	15%	5%	28%
Diamonds	('000 cts)	6,854	2,787	<b>4,451</b>	20,816	<b>14,026</b>	-35%	60%	-33%
Iron ore	('000 t)	31,759	47,511	<b>47,228</b>	153,394	<b>171,547</b>	49%	-1%	12%
Titanium dioxide feedstock	('000 t)	369	165	<b>325</b>	1,524	<b>1,147</b>	-12%	97%	-25%
Uranium	('000 lbs)	4,199	3,778	<b>3,360</b>	14,200	<b>14,140</b>	-20%	-11%	0%
<b>Other Metals &amp; Minerals</b>									
Gold - mined	('000 ozs)	123	278	<b>374</b>	460	<b>1,111</b>	204%	34%	141%
Gold - refined	('000 ozs)	72	112	<b>147</b>	303	<b>479</b>	104%	32%	58%
Molybdenum	('000 t)	2.0	3.4	<b>3.4</b>	10.6	<b>11.3</b>	74%	1%	7%
Pig Iron	('000 t)	32	0	<b>0</b>	87	<b>0</b>	-	-	-
Salt	('000 t)	1,722	1,731	<b>1,192</b>	6,135	<b>5,848</b>	-31%	-31%	-5%
Silver - mined	('000 ozs)	1,715	2,122	<b>2,375</b>	5,901	<b>8,569</b>	39%	12%	45%
Silver - refined	('000 ozs)	677	886	<b>1,148</b>	3,252	<b>4,050</b>	70%	30%	25%
Talc	('000 t)	194	<i>240</i>	<b>222</b>	1,163	<b>888</b>	15%	-7%	-24%

Throughout this report, figures in italics indicate adjustments made since the figure was previously quoted on the equivalent page. Production figures are sometimes more precise than the rounded numbers shown, hence small differences may result between the total of the quarter figures and the full year figures.

## Rio Tinto share of production

	Rio Tinto interest	4Q 2008	1Q 2009	2Q 2009	3Q 2009	4Q 2009	Year 2008	Year 2009
<b>ALUMINA</b>								
<b>Production ('000 tonnes)</b>								
Gardanne	100%	1	-	-	-	-	38	-
Gove	100%	615	609	613	641	656	2,325	2,519
Jonquiere	100%	358	327	248	261	288	1,370	1,125
Queensland Alumina	80%	790	770	781	803	813	3,074	3,167
Sao Luis (Alumar)	10%	39	38	37	37	53	150	166
Yarwun	100%	349	313	347	345	341	1,293	1,347
Speciality alumina plants	100%	184	129	113	121	129	758	492
Rio Tinto total alumina production		2,336	2,186	2,139	2,208	2,282	9,008	8,815
<b>ALUMINIUM (a)</b>								
<b>Refined production ('000 tonnes)</b>								
Australia - Bell Bay	100%	45	44	45	44	44	178	177
Australia - Boyne Island	59%	83	81	83	84	84	330	331
Australia - Tomago	52%	68	67	68	69	68	270	272
Cameroon - Alucam (Edea)	47%	11	8	8	9	10	43	34
Canada - six wholly owned (b)	100%	365	354	348	343	345	1,440	1,390
Canada - Alouette	40%	58	56	57	58	58	229	229
Canada - Becancour	25%	26	27	25	26	27	104	105
France - three wholly owned	100%	92	84	82	89	90	389	345
Iceland - ISAL (Reykjavik)	100%	48	46	47	48	48	187	190
New Zealand - Tiwai Point	79%	55	46	48	57	64	250	215
Norway - SORAL (Husnes)	50%	22	16	11	11	11	86	49
Oman - Sohar (c)	20%	8	16	18	18	19	10	70
UK - two wholly owned	100%	42	36	35	36	40	207	147
UK - Anglesey (d)	51%	16	18	18	18	-	60	54
USA - Sebree	100%	50	48	48	48	49	197	193
Rio Tinto total aluminium production		990	948	942	956	957	3,981	3,803
<b>BAUXITE</b>								
<b>Production ('000 tonnes)</b>								
Awaso (e)	80%	177	174	109	22	47	637	352
Sangaredi	(f)	1,520	1,374	937	1,171	1,565	5,931	5,047
Gove	100%	1,655	1,551	1,816	1,822	1,996	6,245	7,185
Porto Trombetas	12%	594	451	425	480	521	2,168	1,877
Weipa (g)	100%	5,173	3,415	3,929	3,949	4,942	20,006	16,235
Rio Tinto total bauxite production		9,119	6,964	7,217	7,443	9,072	34,987	30,696

	Rio Tinto interest	4Q 2008	1Q 2009	2Q 2009	3Q 2009	4Q 2009	Year 2008	Year 2009
<b>BORATES</b>								
<b>Production ('000 tonnes B<sub>2</sub>O<sub>3</sub> content)</b>								
Rio Tinto Minerals - borates	100%	121	111	79	124	<b>109</b>	610	<b>424</b>
<b>COAL - HARD COKING</b>								
<b>Rio Tinto Coal Australia ('000 tonnes)</b>								
Hail Creek Coal	82%	1,506	872	1,292	1,496	<b>1,513</b>	4,960	<b>5,173</b>
Kestrel Coal	80%	656	501	606	581	<b>607</b>	2,471	<b>2,294</b>
Rio Tinto total hard coking coal production		2,162	1,372	1,898	2,077	<b>2,119</b>	7,431	<b>7,467</b>
<b>COAL - OTHER (h)</b>								
<b>Rio Tinto Coal Australia ('000 tonnes)</b>								
Bengalla	30%	424	341	435	445	<b>434</b>	1,622	<b>1,655</b>
Blair Athol Coal	71%	1,936	1,818	2,250	2,142	<b>1,858</b>	7,262	<b>8,068</b>
Hunter Valley Operations	76%	2,077	2,047	2,066	2,085	<b>2,305</b>	8,139	<b>8,504</b>
Kestrel Coal	80%	209	285	121	111	<b>163</b>	744	<b>679</b>
Mount Thorley Operations	61%	340	345	385	583	<b>711</b>	1,786	<b>2,024</b>
Warkworth	42%	750	479	478	665	<b>549</b>	2,540	<b>2,172</b>
Total Australian other coal		5,737	5,315	5,734	6,031	<b>6,022</b>	22,094	<b>23,103</b>
<b>US Coal ('000 tonnes)</b>								
Antelope (i)	48%	8,191	7,277	7,799	8,057	<b>5,898</b>	32,474	<b>29,031</b>
Colowyo (j)	100%	1,212	869	783	845	<b>717</b>	4,446	<b>3,214</b>
Cordero Rojo (i)	48%	9,333	8,897	7,588	9,586	<b>7,289</b>	36,318	<b>33,361</b>
Decker (i)	24%	680	536	505	588	<b>387</b>	2,970	<b>2017</b>
Jacobs Ranch (k)	0%	10,275	9,349	8,062	9,126	-	38,206	<b>26,537</b>
Spring Creek (i)	48%	4,347	3,915	4,392	4,251	<b>2,803</b>	16,341	<b>15,360</b>
Total US coal		34,037	30,844	29,128	32,453	<b>17,095</b>	130,755	<b>109,520</b>
Rio Tinto total other coal production		39,774	36,159	34,863	38,484	<b>23,117</b>	152,849	<b>132,623</b>

	Rio Tinto interest	4Q 2008	1Q 2009	2Q 2009	3Q 2009	4Q 2009	Year 2008	Year 2009
<b>COPPER</b>								
<b>Mine production ('000 tonnes) (l)</b>								
Bingham Canyon	100%	63.8	74.7	86.2	75.8	66.8	238.0	303.5
Escondida	30%	66.0	78.1	76.2	78.2	85.9	384.5	318.3
Grasberg - Joint Venture (m)	40%	1.8	24.7	25.3	25.2	32.5	7.1	107.7
Northparkes	80%	6.1	6.6	7.4	6.9	6.5	19.8	27.4
Palabora	58%	11.4	11.8	13.1	11.1	11.6	49.1	47.6
Rio Tinto total mine production		149.1	196.0	208.2	197.2	203.3	698.5	804.7
<b>Refined production ('000 tonnes)</b>								
Escondida	30%	21.9	23.5	25.7	25.0	24.0	77.3	98.2
Kennecott Utah Copper	100%	58.6	68.7	65.1	67.6	72.9	200.6	274.2
Palabora	58%	11.0	12.1	11.2	8.0	8.7	43.8	40.0
Rio Tinto total refined production		91.6	104.3	102.0	100.6	105.5	321.6	412.4
<b>DIAMONDS</b>								
<b>Production ('000 carats)</b>								
Argyle	100%	5,253	4,404	408	2,274	3,504	15,076	10,591
Diavik	60%	1,558	1,071	853	497	918	5,535	3,339
Murowa	78%	43	31	20	17	29	205	97
Rio Tinto total diamond production		6,854	5,506	1,281	2,787	4,451	20,816	14,026
<b>GOLD</b>								
<b>Mine production ('000 ounces) (l)</b>								
Barneys Canyon	100%	1	1	1	0	0	5	2
Bingham Canyon	100%	100	126	159	138	158	368	582
Escondida	30%	11	11	11	9	13	43	43
Grasberg - Joint Venture (m)	40%	-	51	73	118	187	-	429
Northparkes	80%	6	6	6	7	9	26	27
Rawhide (n)	100%	3	4	5	5	5	9	19
Others	-	2	3	2	2	1	8	8
Rio Tinto total mine production		123	201	258	278	374	460	1,111
<b>Refined production ('000 ounces)</b>								
Kennecott Utah Copper	100%	72	108	112	112	147	303	479

	Rio Tinto interest	4Q 2008	1Q 2009	2Q 2009	3Q 2009	4Q 2009	Year 2008	Year 2009
<b>IRON ORE &amp; IRON</b>								
<b>Production ('000 tonnes) (l)</b>								
Corumbá (o)	0%	430	401	574	534	-	2,032	1,509
Hamersley - six wholly owned mines	100%	19,057	19,571	26,834	30,353	30,050	95,553	106,808
Hamersley - Channar	60%	1,179	1,437	1,819	1,851	1,517	6,229	6,625
Hamersley - Eastern Range	(p)	1,900	1,958	2,374	2,636	2,349	8,186	9,318
Hope Downs	50%	1,662	1,707	2,748	3,019	2,843	5,468	10,317
Iron Ore Company of Canada	59%	2,282	1,853	2,515	1,329	2,432	9,295	8,129
Robe River	53%	5,250	4,717	8,298	7,789	8,037	26,631	28,841
Rio Tinto total mine production		31,759	31,645	45,162	47,511	47,228	153,394	171,547
<b>Pig iron production ('000 tonnes)</b>								
Hls melt <sup>®</sup>	60%	32	-	-	-	-	87	-
<b>MOLYBDENUM</b>								
<b>Mine production ('000 tonnes) (l)</b>								
Bingham Canyon	100%	2.0	2.0	2.5	3.4	3.4	10.6	11.3
<b>SALT</b>								
<b>Production ('000 tonnes)</b>								
Dampier Salt	68%	1,722	1,405	1,520	1,731	1,192	6,135	5,848
<b>SILVER</b>								
<b>Mine production ('000 ounces) (l)</b>								
Bingham Canyon	100%	933	1,106	1,389	1,189	1,187	3,414	4,871
Escondida	30%	442	403	416	316	492	1,850	1,627
Grasberg - Joint Venture (m)	40%	220	154	303	460	557	220	1,474
Others	-	120	141	159	158	138	417	596
Rio Tinto total mine production		1,715	1,803	2,268	2,122	2,375	5,901	8,569
<b>Refined production ('000 ounces)</b>								
Kennecott Utah Copper	100%	677	1,085	931	886	1,148	3,252	4,050
<b>TALC</b>								
<b>Production ('000 tonnes)</b>								
Rio Tinto Minerals - talc	100%	194	202	224	240	222	1,163	888
<b>TITANIUM DIOXIDE FEEDSTOCK</b>								
<b>Production ('000 tonnes)</b>								
Rio Tinto Iron & Titanium	100%	369	324	332	165	325	1,524	1,147

	Rio Tinto interest	4Q 2008	1Q 2009	2Q 2009	3Q 2009	4Q 2009	Year 2008	Year 2009
<b>URANIUM</b>								
<b>Production ('000 lbs U<sub>3</sub>O<sub>8</sub>)</b>								
Energy Resources of Australia	68%	2,492	1,883	2,180	2,138	1,663	8,052	7,865
Rössing	69%	1,707	1,477	1,461	1,640	1,697	6,149	6,275
Rio Tinto total uranium production		4,199	3,360	3,641	3,778	3,360	14,200	14,140

**Production data notes**

- (a) Following a review of the basis for reporting aluminium smelter production tonnes, the data reported now reflects hot metal production rather than saleable product tonnes.
- (b) Includes data for Beauharnois smelter which ceased operating in the second quarter of 2009.
- (c) Production at the Sohar smelter commenced in the third quarter of 2008.
- (d) The Anglesey smelter ceased operating at the end of the third quarter of 2009.
- (e) Rio Tinto Alcan has an 80% interest in the Awaso mine but purchases the additional 20% of production.
- (f) Rio Tinto has a 22.95% shareholding in the Sangaredi mine but receives 45% of production under the partnership agreement.
- (g) Includes beneficiated and calcined bauxite production.
- (h) Coal - other includes thermal coal and semi-soft coking coal.
- (i) On 20 November 2009, Rio Tinto completed the initial public offering of Cloud Peak Energy Inc. As a result, Rio Tinto now holds a 48.3% interest in the Antelope, Cordero Rojo and Spring Creek mines and a 24.1% interest in the Decker mine. These interests were formerly reported under Rio Tinto Energy America but are now managed by Cloud Peak Energy.
- (j) During 2008, Rio Tinto acquired a 100% interest in the Colowyo mine, having previously held a partnership interest. All of Colowyo's production was already included in Rio Tinto's share of production.
- (k) Rio Tinto completed the sale of its 100% interest in the Jacobs Ranch mine on 1 October 2009.
- (l) Mine production figures for metals refer to the total quantity of metal produced in concentrates, leach liquor or doré bullion irrespective of whether these products are then refined on-site, except for the data for iron ore which represent production of saleable quantities of ore plus pellets.
- (m) Through a joint venture agreement with Freeport-McMoRan Copper & Gold (FCX), Rio Tinto is entitled to 40% of additional material mined as a consequence of expansions and developments of the Grasberg facilities since 1998. Rio Tinto's share of production reflects actual production for the periods shown.
- (n) On the 28 October 2008, Rio Tinto increased its shareholding in the Rawhide Joint Venture from 51% to 100%. The previous Joint Venture shareholder continued to be entitled to 49% of production until 31 December 2008; since then Rio Tinto has been entitled to 100%.
- (o) Rio Tinto completed the sale of its 100% interest in the Corumbá mine, effective 18 September 2009.
- (p) Rio Tinto's share of production includes 100% of the production from the Eastern Range mine. Under the terms of the joint venture agreement, Hamersley Iron manages the operation and is obliged to purchase all mine production from the joint venture.

*The Rio Tinto percentage interest shown above is at 31 December 2009.*

*Where Rio Tinto's beneficial interest in an operation has changed, as footnoted above, the share of production has been calculated using the weighted average interest over the relevant periods. Rio Tinto's interests in Tarong Coal, Greens Creek and Cortez/Pipeline were sold during 2008 and its interest in the Ningxia aluminium smelter was sold in early 2009. No data for these operations are included in the Share of Production table.*

## Rio Tinto operational data

	Rio Tinto interest	4Q 2008	1Q 2009	2Q 2009	3Q 2009	4Q 2009	Year 2008	Year 2009
<b>ALUMINIUM</b>								
<b>Rio Tinto Alcan</b>								
<b>Bauxite Mines</b>								
Bauxite production ('000 tonnes)								
<i>Australia</i>								
Gove mine - Northern Territory	100.0%	1,655	1,551	1,816	1,822	1,996	6,245	7,185
Weipa mine - Queensland	100.0%	5,173	3,415	3,929	3,949	4,942	20,006	16,235
<i>Brazil</i>								
Porto Trombetas (MRN) mine	12.0%	4,950	3,756	3,544	4,000	4,345	18,063	15,645
<i>Ghana</i>								
Awaso mine (a)	80.0%	221	217	136	28	59	796	440
<i>Guinea</i>								
Sangaredi mine (b)	23.0%	3,377	3,053	2,083	2,602	3,478	13,181	11,216
<b>Rio Tinto Alcan share of bauxite shipments</b>								
Share of bauxite shipments ('000 tonnes)		9,092	7,291	7,337	7,803	9,140	34,903	31,571

(a) Rio Tinto Alcan has an 80% interest in the Awaso mine but purchases the additional 20% of production. A binding agreement has been reached for the sale of RTA's 80% interest in Ghana Bauxite Company, subject to Government approval.

(b) Rio Tinto has a 22.95% shareholding in the Sangaredi mine but receives 45% of production under the partnership agreement.

### Smelter-Grade Alumina Refineries

Alumina production ('000 tonnes)

#### *Australia*

Gove refinery - Northern Territory	100.0%	615	609	613	641	656	2,325	2,519
Queensland Alumina Refinery - Queensland	80.0%	987	962	977	1,003	1,017	3,842	3,959
Yarwun refinery - Queensland	100.0%	349	313	347	345	341	1,293	1,347

#### *Brazil*

Sao Luis (Alumar) refinery	10.0%	391	382	370	373	532	1,504	1,657
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#### *Canada*

Jonquiere refinery - Quebec	100.0%	358	327	248	261	288	1,370	1,125
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#### *France*

Gardanne refinery	100.0%	1	-	-	-	-	38	-
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**Rio Tinto percentage interest shown above is at 31 December 2009. The data represent full production and sales on a 100% basis unless otherwise stated.**

	Rio Tinto interest	4Q 2008	1Q 2009	2Q 2009	3Q 2009	4Q 2009	Year 2008	Year 2009
<b>ALUMINIUM (continued)</b>								
<b>Specialty Alumina Plants</b>								
Speciality alumina production ('000 tonnes)								
<i>Canada</i>								
Brockville plant - Quebec	100.0%	4	4	4	3	4	17	16
Jonquiere plant - Quebec	100.0%	28	26	29	27	26	122	109
<i>France</i>								
Beyrede	100.0%	5	3	2	4	6	26	15
Gardanne plant	100.0%	132	88	70	76	83	534	317
La Bathie plant	100.0%	7	4	3	4	5	32	16
<i>Germany</i>								
Teutschenthal plant	100.0%	7	4	4	6	5	27	19
<b>Aluminium Smelters</b>								
Primary aluminium production ('000 tonnes)								
<i>Australia</i>								
Bell Bay smelter - Tasmania	100.0%	45	44	45	44	44	178	177
Boyne Island smelter - Queensland	59.4%	140	136	139	141	141	556	556
Tomago smelter - New South Wales	51.6%	132	130	132	133	133	523	528
<i>Cameroon</i>								
Alucam (Edea) smelter	46.7%	25	17	16	18	22	91	73
<i>Canada</i>								
Alma smelter - Quebec	100.0%	109	108	108	109	110	424	435
Alouette (Sept-Iles) smelter - Quebec	40.0%	145	140	143	145	145	572	573
Arvida smelter - Quebec	100.0%	44	41	43	43	44	172	171
Beauharnois, smelter - Quebec (a)	100.0%	13	9	2	-	-	50	11
Becancour smelter - Quebec	25.1%	105	107	101	103	109	415	420
Grande-Baie smelter - Quebec	100.0%	54	53	53	54	54	212	215
Kitimat smelter - British Columbia	100.0%	62	60	59	53	52	247	224
Laterriere smelter - Quebec	100.0%	59	58	59	59	59	234	235
Shawinigan smelter - Quebec	100.0%	26	25	25	25	25	100	99
<i>China</i>								
Ningxia (Qingtongxia) smelter (b)	0.0%	41	10	-	-	-	163	10
<i>France</i>								
Dunkerque smelter	100.0%	63	57	57	64	66	254	244
Lannemezan smelter	100.0%	-	-	-	-	-	5	-
St-Jean-de Maurienne smelter	100.0%	29	28	25	25	24	130	101

**Rio Tinto percentage interest shown above is at 31 December 2009. The data represent full production and sales on a 100% basis unless otherwise stated.**

	Rio Tinto interest	4Q 2008	1Q 2009	2Q 2009	3Q 2009	4Q 2009	Year 2008	Year 2009
<b>ALUMINIUM (continued)</b>								
<i>Iceland</i>								
ISAL (Reykjavik) smelter	100.0%	48	46	47	48	48	187	190
<i>New Zealand</i>								
Tiwai Point smelter	79.4%	69	58	61	71	81	316	271
<i>Norway</i>								
SORAL (Husnes) smelter	50.0%	43	32	21	22	22	171	98
<i>Oman</i>								
Sohar smelter (c)	20.0%	41	79	90	89	93	49	351
<i>United Kingdom</i>								
Anglesey Aluminium smelter (d)	51.0%	32	35	35	36	-	118	106
Lochaber smelter	100.0%	10	9	9	9	10	43	38
Lynemouth smelter	100.0%	31	26	26	27	30	165	109
<i>United States</i>								
Sebree smelter - Kentucky	100.0%	50	48	48	48	49	197	193
<b>Rio Tinto Alcan share of metal sales</b>								
Share of primary aluminium sales ('000 tonnes) (e)		1,288	1,167	1,243	1,244	1,254	5,134	4,909

- (a) The Beauharnois smelter ceased operations in the second quarter of 2009.
- (b) Rio Tinto sold its 50 per cent interest in the Ningxia aluminium smelter with an effective date of 26 January 2009
- (c) Production at the Sohar smelter commenced in the third quarter of 2008.
- (d) The Anglesey smelter ceased operating at the end of the third quarter of 2009.
- (e) Primary aluminium sales include sales made through Rio Tinto Alcan's Engineered Products division.

**BORATES**

<b>Rio Tinto Minerals - borates</b>	100.0%							
<i>California, US and Argentina</i>								
Borates ('000 tonnes) (a)		121	111	79	124	109	610	424

- (a) Production is expressed as B<sub>2</sub>O<sub>3</sub> content.

**Rio Tinto percentage interest shown above is at 31 December 2009. The data represent full production and sales on a 100% basis unless otherwise stated.**

	Rio Tinto interest	4Q 2008	1Q 2009	2Q 2009	3Q 2009	4Q 2009	Year 2008	Year 2009
<b>COAL</b>								
<b>Rio Tinto Coal Australia</b>								
<b>Bengalla mine</b>	30.3%							
<i>New South Wales, Australia</i>								
Thermal coal production ('000 tonnes)		1,402	1,126	1,438	1,468	1,434	5,357	5,466
<b>Blair Athol Coal mine</b>	71.2%							
<i>Queensland, Australia</i>								
Thermal coal production ('000 tonnes)		2,718	2,552	3,158	3,007	2,609	10,194	11,325
<b>Hail Creek Coal mine</b>	82.0%							
<i>Queensland, Australia</i>								
Hard coking coal production ('000 tonnes)		1,837	1,063	1,576	1,824	1,845	6,049	6,308
<b>Hunter Valley Operations</b>	75.7%							
<i>New South Wales, Australia</i>								
Thermal coal production ('000 tonnes)		2,268	2,212	2,383	1,610	2,400	7,886	8,606
Semi-soft coking coal production ('000 tonnes)		476	492	346	1,144	644	2,865	2,626
<b>Kestrel Coal mine (a)</b>	80.0%							
<i>Queensland, Australia</i>								
Thermal coal production ('000 tonnes)		262	356	151	138	204	929	849
Hard coking coal production ('000 tonnes)		820	626	758	726	758	3,089	2,868
<b>Mount Thorley Operations</b>	60.6%							
<i>New South Wales, Australia</i>								
Thermal coal production ('000 tonnes)		53	513	478	882	357	1,780	2,230
Semi-soft coking coal production ('000 tonnes)		508	57	157	81	818	1,168	1,112
<b>Tarong Coal mine (b)</b>	0.0%							
<i>Queensland, Australia</i>								
Thermal coal production ('000 tonnes)		-	-	-	-	-	262	-

**Rio Tinto percentage interest shown above is at 31 December 2009. The data represent full production and sales on a 100% basis unless otherwise stated.**

	Rio Tinto interest	4Q 2008	1Q 2009	2Q 2009	3Q 2009	4Q 2009	Year 2008	Year 2009
<b>COAL (continued)</b>								
<b>Warkworth mine</b>	42.1%							
<i>New South Wales, Australia</i>								
Thermal coal production ('000 tonnes)		1,658	1,064	918	1,378	1,272	5,652	4,632
Semi-soft coking coal production ('000 tonnes)		125	75	217	204	34	386	530
Total hard coking coal production ('000 tonnes)		2,657	1,689	2,334	2,550	2,603	9,137	9,176
Total hard coking coal sales ('000 tonnes) (a)		3,006	2,186	2,551	2,761	2,761	9,002	10,260
Total other coal production ('000 tonnes) (c)		9,468	8,447	9,246	9,912	9,772	36,481	37,377
Total other coal sales ('000 tonnes) (d) (e)		9,347	7,376	9,323	9,654	10,231	36,867	36,584
Total coal production ('000 tonnes)		12,125	10,136	11,580	12,462	12,375	45,618	46,554
Total coal sales ('000 tonnes)		12,353	9,562	11,875	12,415	12,992	45,870	46,844
<b>Rio Tinto Coal Australia share</b>								
Share of hard coking coal sales ('000 tonnes) (a)		2,440	1,773	2,072	2,246	2,246	7,323	8,337
Share of other coal sales ('000 tonnes) (d) (e)		5,598	4,603	5,742	5,955	6,205	22,680	22,505

- (a) Kestrel produces hard-coking coal and thermal coal through its mining operations. These coals may be blended at ports; blended coal sales are included in hard-coking coal sales.
- (b) Rio Tinto sold its 100% share in Tarong with an effective date of 31 January 2008 and production data are shown up to that date.
- (c) Other coal production includes thermal coal and semi-soft coking coal.
- (d) Other coal sales include thermal coal and semi-soft coking coal.
- (e) Sales relate only to coal mined by the operations and exclude traded coal.

**Rio Tinto percentage interest shown above is at 31 December 2009. The data represent full production and sales on a 100% basis unless otherwise stated.**

	Rio Tinto	4Q	1Q	2Q	3Q	4Q	Year	Year
	interest	2008	2009	2009	2009	2009	2008	2009
<b>COAL (continued)</b>								
<b>US Coal</b>								
<b>Antelope mine (a)</b>	48.3%							
<i>Wyoming, US</i>								
Thermal coal production ('000 tonnes)		8,191	7,277	7,799	8,057	7,732	32,473	30,865
<b>Colowyo mine (b)</b>	100.0%							
<i>Colorado, US</i>								
Thermal coal production ('000 tonnes)		1,212	869	783	845	717	4,446	3,214
<b>Cordero Rojo mine (a)</b>	48.3%							
<i>Wyoming, US</i>								
Thermal coal production ('000 tonnes)		9,333	8,897	7,588	9,586	9,616	36,318	35,687
<b>Decker mine (a)</b>	24.1%							
<i>Montana, US</i>								
Thermal coal production ('000 tonnes)		1,360	1,073	1,010	1,177	901	5,939	4,161
<b>Jacobs Ranch mine (c)</b>	0%							
<i>Wyoming, US</i>								
Thermal coal production ('000 tonnes)		10,275	9,349	8,062	9,126	-	38,206	26,537
<b>Spring Creek mine (a)</b>	48.3%							
<i>Montana, US</i>								
Thermal coal production ('000 tonnes)		4,347	3,915	4,392	4,251	3,478	16,341	16,035
Total coal production ('000 tonnes) (d)		34,717	31,380	29,634	33,041	22,444	133,724	116,499
Total coal sales ('000 tonnes) (d)		34,750	32,076	29,487	32,918	22,467	133,330	116,947

- (a) On 20 November 2009, Rio Tinto completed the initial public offering of Cloud Peak Energy Inc. As a result, Rio Tinto now holds a 48.3 per cent interest in the Antelope, Cordero Rojo and Spring Creek mines and a 24.1% interest in the Decker mine. These interests were formerly reported under Rio Tinto Energy America but are now managed by Cloud Peak Energy.
- (b) During 2008, Rio Tinto acquired a 100% interest in the Colowyo mine, having previously held a partnership interest. All of Colowyo's production was already included in Rio Tinto's share of production.
- (c) Rio Tinto completed the sale of its 100% interest in the Jacobs Ranch mine on 1 October 2009.
- (d) Total coal production and sales have been restated to include Colowyo which had previously been reported separately.

**Rio Tinto percentage interest shown above is at 31 December 2009. The data represent full production and sales on a 100% basis unless otherwise stated.**

	Rio Tinto interest	4Q 2008	1Q 2009	2Q 2009	3Q 2009	4Q 2009	Year 2008	Year 2009
<b>COPPER &amp; GOLD</b>								
<b>Escondida</b>	30.0%							
<i>Chile</i>								
Sulphide ore to concentrator ('000 tonnes)		22,516	21,381	19,898	16,224	<b>20,246</b>	89,451	<b>77,749</b>
Average copper grade (%)		1.04	0.93	1.22	1.40	<b>1.38</b>	1.37	<b>1.22</b>
Mill production (metals in concentrates):								
Contained copper ('000 tonnes)		186.3	156.4	199.6	188.4	<b>233.0</b>	992.4	<b>777.4</b>
Contained gold ('000 ounces)		36	35	37	29	<b>42</b>	144	<b>144</b>
Contained silver ('000 ounces)		1,474	1,345	1,387	1,052	<b>1,641</b>	6,167	<b>5,424</b>
Contained copper in leachate/mined material ('000 tonnes)		34	104	54	72	<b>53</b>	289	<b>284</b>
Refined production from leach plants:								
Copper cathode production ('000 tonnes)		73	78	86	83	<b>80</b>	258	<b>327</b>
<b>Freeport-McMoRan Copper &amp; Gold Grasberg mine (a)</b>	0.0% (40.0% of the expansion)							
<i>Papua, Indonesia</i>								
Ore treated ('000 tonnes)		19,794	21,364	21,632	22,191	<b>21,115</b>	70,596	<b>86,303</b>
Average mill head grades:								
Copper (%)		1.01	1.12	1.10	0.90	<b>0.77</b>	0.83	<b>0.97</b>
Gold (g/t)		0.85	1.13	1.51	1.33	<b>0.97</b>	0.66	<b>1.24</b>
Silver (g/t)		3.17	3.63	3.81	3.49	<b>2.82</b>	3.21	<b>3.44</b>
Production of metals in concentrates:								
Copper in concentrates ('000 tonnes)		180.6	214.6	214.8	180.8	<b>140.0</b>	521.3	<b>750.1</b>
Gold in concentrates ('000 ounces)		445	638	875	823	<b>535</b>	1,199	<b>2,871</b>
Silver in concentrates ('000 ounces)		1,602	2,012	2,314	1,909	<b>1,064</b>	4,707	<b>7,299</b>
Sales of payable metals in concentrates: (b)								
Copper in concentrates ('000 tonnes)		172.2	189.0	222.1	174.3	<b>133.9</b>	511.8	<b>719.3</b>
Gold in concentrates ('000 ounces)		425	565	885	796	<b>518</b>	1,185	<b>2,765</b>
Silver in concentrates ('000 ounces)		1,218	1,425	1,876	1,459	<b>827</b>	3,694	<b>5,587</b>

(a) Through a joint venture agreement with Freeport-McMoRan Copper & Gold (FCX), Rio Tinto is entitled to 40% of additional material mined as a consequence of expansions and developments of the Grasberg facilities since 1998. The 4Q 2009 results are not actuals but are forecasts from FCX's most recent five-year plan and the Full Year 2009 results include the 9-Month 2009 actuals and 4Q 2009 forecasts. FCX is not releasing its actual 100% operating data for 4Q 2009 until the release of its 2009 fourth-quarter and full year results on 21 January 2010.

(b) Net of smelter deductions.

**Rio Tinto percentage interest shown above is at 31 December 2009. The data represent full production and sales on a 100% basis unless otherwise stated.**

	Rio Tinto interest	4Q 2008	1Q 2009	2Q 2009	3Q 2009	4Q 2009	Year 2008	Year 2009
<b>COPPER &amp; GOLD (continued)</b>								
<b>Kennecott Minerals Company</b>								
<b>Cortez/Pipeline mine (a)</b>	0.0%							
<i>Nevada, US</i>								
Ore treated								
Milled ('000 tonnes)		-	-	-	-	-	491	-
Leached ('000 tonnes)		-	-	-	-	-	1,839	-
Average ore grade: gold								
Milled (g/t)		-	-	-	-	-	3.40	-
Leached (g/t)		-	-	-	-	-	0.50	-
Gold produced ('000 ounces)		-	-	-	-	-	72	-
<b>Greens Creek mine (a)</b>	0.0%							
<i>Alaska, US</i>								
Ore treated ('000 tonnes)		-	-	-	-	-	171	-
Average ore grades:								
Gold (g/t)		-	-	-	-	-	5.11	-
Silver (g/t)		-	-	-	-	-	456	-
Zinc (%)		-	-	-	-	-	10.3	-
Lead (%)		-	-	-	-	-	3.7	-
Metals produced in concentrates:								
Gold ('000 ounces)		-	-	-	-	-	18	-
Silver ('000 ounces)		-	-	-	-	-	1,815	-
Zinc ('000 tonnes)		-	-	-	-	-	13.9	-
Lead ('000 tonnes)		-	-	-	-	-	4.6	-
<b>Rawhide mine (b) (c)</b>	100.0%							
<i>Nevada, US</i>								
Metals produced in doré:								
Gold ('000 ounces)		5	4	5	5	5	18	19
Silver ('000 ounces)		48	35	54	63	58	150	210

- (a) On 5 March 2008 (effective end of February) Rio Tinto completed the sale of its interest in the Cortez joint venture to its partner and on 16 April 2008 Rio Tinto completed the sale of its interest in the Greens Creek joint venture to its partner. Production data for these mines are shown up to those dates.
- (b) Mining operations were completed in October 2002 and processing of stockpiled ores was completed in May 2003. Residual gold and silver production continues from the leach pads.
- (c) On the 28 October 2008, Rio Tinto increased its shareholding in the Rawhide Joint Venture from 51% to 100%. The previous Joint Venture shareholder continued to be entitled to 49% of production until 31 December 2008; since then Rio Tinto has been entitled to 100%.

**Rio Tinto percentage interest shown above is at 31 December 2009. The data represent full production and sales on a 100% basis unless otherwise stated.**

	Rio Tinto interest	4Q 2008	1Q 2009	2Q 2009	3Q 2009	4Q 2009	Year 2008	Year 2009
<b>COPPER &amp; GOLD (continued)</b>								
<b>Kennecott Utah Copper</b>								
<b>Barneys Canyon mine (a)</b>	100.0%							
<i>Utah, US</i>								
Gold produced ('000 ounces)		1.3	0.8	0.8	0.4	0.4	5.4	2.3
<b>Bingham Canyon mine</b>	100.0%							
<i>Utah, US</i>								
Ore treated ('000 tonnes)		12,121	12,281	13,749	13,880	12,946	49,134	52,856
Average ore grade:								
Copper (%)		0.65	0.69	0.69	0.60	0.57	0.58	0.64
Gold (g/t)		0.39	0.44	0.52	0.43	0.53	0.35	0.48
Silver (g/t)		3.32	3.37	3.96	3.35	3.45	2.97	3.54
Molybdenum (%)		0.028	0.031	0.036	0.038	0.044	0.041	0.038
Copper concentrates produced ('000 tonnes)		250	256	290	258	223	931	1,028
Average concentrate grade (% Cu)		25.4	29.0	29.7	29.3	29.9	25.5	29.4
Production of metals in copper concentrates:								
Copper ('000 tonnes) (b)		63.8	74.7	86.2	75.8	66.8	238.0	303.5
Gold ('000 ounces)		100	126	159	138	158	368	582
Silver ('000 ounces)		933	1,106	1,389	1,189	1,187	3,414	4,871
Molybdenum concentrates produced ('000 tonnes):		3.7	3.8	4.7	6.5	6.5	19.4	21.6
Molybdenum in concentrates ('000 tonnes)		2.0	2.0	2.5	3.4	3.4	10.6	11.3
<b>Kennecott smelter &amp; refinery</b>	100.0%							
Copper concentrates smelted ('000 tonnes)		280	288	305	294	288	941	1,175
Copper anodes produced ('000 tonnes) (c)		67.6	73.0	67.5	67.0	79.7	205.1	287.1
Production of refined metal:								
Copper ('000 tonnes)		58.6	68.7	65.1	67.6	72.9	200.6	274.2
Gold ('000 ounces) (d)		72	108	112	112	147	303	479
Silver ('000 ounces) (d)		677	1,085	931	886	1,148	3,252	4,050

(a) Mining operations ceased in the first quarter of 2002. Gold continues to be recovered from leach pads.

(b) Includes a small amount of copper in precipitates.

(c) New metal excluding recycled material.

(d) Includes gold and silver in intermediate products.

**Rio Tinto percentage interest shown above is at 31 December 2009. The data represent full production and sales on a 100% basis unless otherwise stated.**

	Rio Tinto interest	4Q 2008	1Q 2009	2Q 2009	3Q 2009	4Q 2009	Year 2008	Year 2009
<b>COPPER &amp; GOLD (continued)</b>								
<b>Northparkes Joint Venture</b>	80.0%							
<i>New South Wales, Australia</i>								
Ore treated ('000 tonnes)		1,337	1,367	1,422	1,421	1,344	5,244	5,554
Average ore grades:								
Copper (%)		0.63	0.68	0.75	0.69	0.70	0.54	0.70
Gold (g/t)		0.23	0.23	0.24	0.26	0.33	0.26	0.27
Copper concentrates produced ('000 tonnes)		22.0	23.5	27.0	24.3	23.7	76.4	98.5
Contained copper in concentrates:								
Saleable production ('000 tonnes)		7.6	8.3	9.3	8.6	8.1	24.8	34.3
Sales ('000 tonnes) (a)		6.9	2.9	7.8	6.6	9.7	20.1	26.9
Contained gold in concentrates:								
Saleable production ('000 ounces)		7.2	7.1	7.9	8.4	11.0	32.3	34.3
Sales ('000 ounces) (a)		8.2	2.5	5.9	6.1	9.8	32.6	24.2

(a) Rio Tinto's 80% share of material from the Joint Venture.

<b>Palabora</b>	57.7%							
<b>Palabora mine</b>								
<i>South Africa</i>								
Ore treated ('000 tonnes)		3,150	2,789	2,940	2,792	2,809	12,454	11,330
Average ore grade: copper (%)		0.67	0.68	0.68	0.66	0.67	0.69	0.67
Copper concentrates produced ('000 tonnes)		66.7	67.1	76.1	61.8	65.8	286.5	270.8
Average concentrate grade: copper (%)		29.6	30.5	29.9	31.1	30.5	29.7	30.5
Copper in concentrates ('000 tonnes)		19.7	20.5	22.7	19.3	20.1	85.1	82.6
<b>Palabora smelter/refinery</b>								
New concentrate smelted on site ('000 tonnes)		70.0	72.8	68.0	58.5	67.3	261.3	266.6
New copper anodes produced ('000 tonnes)		20.7	20.2	18.9	12.5	14.3	75.9	65.9
Refined new copper produced ('000 tonnes)		19.1	21.0	19.5	13.8	15.1	75.9	69.4
By-products:								
Magnetite concentrate ('000 tonnes)		469	772	617	759	697	1,951	2,845
Nickel contained in products (tonnes)		19	21	33	29	11	100	95
<b>Vermiculite plant</b>								
Vermiculite produced ('000 tonnes)		49	52	46	48	50	199	196

**Rio Tinto percentage interest shown above is at 31 December 2009. The data represent full production and sales on a 100% basis unless otherwise stated.**

	Rio Tinto interest	4Q 2008	1Q 2009	2Q 2009	3Q 2009	4Q 2009	Year 2008	Year 2009
<b>DIAMONDS</b>								
<b>Argyle Diamonds</b>	100.0%							
<i>Western Australia</i>								
AK1 ore processed ('000 tonnes)		1,806	881	315	1,465	1,972	6,809	4,634
AK1 diamonds produced ('000 carats)		5,253	4,404	408	2,274	3,504	15,076	10,591
<b>Diavik Diamonds</b>	60.0%							
<i>Northwest Territories, Canada</i>								
Ore processed ('000 tonnes)		570	427	382	186	364	2,414	1,359
Diamonds recovered ('000 carats)		2,597	1,785	1,421	828	1,530	9,225	5,565
<b>Murowa Diamonds</b>	77.8%							
<i>Zimbabwe</i>								
Ore processed ('000 tonnes)		100	84	78	39	66	383	267
Diamonds recovered ('000 carats)		55	40	26	21	37	264	124
<b>IRON ORE &amp; IRON</b>								
<b>Rio Tinto Iron Ore</b>								
<b>Pilbara Operations</b>								
<i>Western Australia</i>								
Saleable iron ore production ('000 tonnes):								
Hamersley - Paraburdoo, Mount Tom Price, Marandoo, Yandicoogina, Brockman and Nammuldi	100.0%	19,057	19,571	26,834	30,353	30,050	95,553	106,808
Hamersley - Channar	60.0%	1,965	2,395	3,032	3,085	2,528	10,382	11,041
Hamersley - Eastern Range	(a)	1,900	1,958	2,374	2,636	2,349	8,186	9,318
Hope Downs	50.0%	3,323	3,414	5,495	6,037	5,687	10,936	20,634
Robe River - Pannawonica	53.0%	4,456	3,572	7,426	7,378	6,801	25,049	25,178
Robe River - West Angelas	53.0%	5,449	5,329	8,231	7,317	8,362	25,198	29,239
Total production ('000 tonnes)		36,150	36,240	53,393	56,808	55,778	175,304	202,218
Total sales ('000 tonnes) (b)		33,641	39,343	52,479	55,722	56,350	171,472	203,895

(a) Rio Tinto owns 54% of the Eastern Range mine. Under the terms of the joint venture agreement, Hamersley Iron manages the operation and is obliged to purchase all mine production from the joint venture and therefore all of the production is included in Rio Tinto's share of production.

(b) Sales represent iron ore exported from Western Australian ports.

**Rio Tinto percentage interest shown above is at 31 December 2009. The data represent full production and sales on a 100% basis unless otherwise stated.**

	Rio Tinto interest	4Q 2008	1Q 2009	2Q 2009	3Q 2009	4Q 2009	Year 2008	Year 2009
<b>IRON ORE &amp; IRON (continued)</b>								
<b>Iron Ore Company of Canada</b>	58.7%							
<i>Newfoundland &amp; Labrador and Quebec in Canada</i>								
Saleable iron ore production:								
Concentrates ('000 tonnes)		877	1,459	2,396	835	1,034	3,193	5,724
Pellets ('000 tonnes)		3,009	1,697	1,887	1,429	3,107	12,637	8,120
Sales:								
Concentrate ('000 tonnes)		787	919	1,832	1,167	1,317	2,759	5,235
Pellets ('000 tonnes)		2,443	1,210	2,407	2,086	3,307	12,302	9,010
<b>Rio Tinto Brasil</b>								
<b>Corumbá mine (a)</b>	0%							
<i>Mato Grosso do Sul, Brazil</i>								
Saleable iron ore production ('000 tonnes) (b)		430	401	574	534	-	2,032	1,509
Sales ('000 tonnes)		278	138	140	253	-	1,809	530

(a) Rio Tinto sold its 100% interest in the Corumbá mine with an effective date of 18 September 2009 and production data are shown up to that date.

(b) Production includes by-product fines.

<b>Hismelt®</b>	60.0%							
<i>Western Australia</i>								
Pig iron production ('000 tonnes) (a)		54	-	-	-	-	144	-

(a) In March 2009, Rio Tinto announced that Hismelt would be placed on a 12 month care and maintenance programme.

<b>SALT</b>								
<b>Dampier Salt</b>	68.4%							
<i>Western Australia</i>								
Salt production ('000 tonnes)		2,519	2,056	2,224	2,532	1,744	8,974	8,555
<b>TALC</b>								
<b>Rio Tinto Minerals - talc</b>	100.0%							
<i>Australia, Europe, and North America</i>								
Talc production ('000 tonnes)		194	202	224	240	222	1,163	888

**Rio Tinto percentage interest shown above is at 31 December 2009. The data represent full production and sales on a 100% basis unless otherwise stated.**

	Rio Tinto interest	4Q 2008	1Q 2008	2Q 2009	3Q 2009	4Q 2009	Year 2008	Year 2009
<b>TITANIUM DIOXIDE FEEDSTOCK</b>								
<b>Rio Tinto Iron &amp; Titanium</b>	100.0%							
<i>Canada and South Africa (a) (b)</i>								
<i>(Rio Tinto share)</i>								
Titanium dioxide feedstock production ('000 tonnes)		369	324	332	165	<b>325</b>	1,524	<b>1,147</b>

(a) During the fourth quarter of 2009, Richards Bay Minerals concluded a Broad Based Black Economic Empowerment transaction. RTIT's share of RBM production reflects a decrease from 50% to 37% with effect from 1 December 2009.

(b) Ilmenite mined in Madagascar is being processed in Canada with effect from June 2009.

**URANIUM**

<b>Energy Resources of Australia Ltd</b>								
<b>Ranger mine</b>	68.4%							
<i>Northern Territory, Australia</i>								
Production ('000 lbs U <sub>3</sub> O <sub>8</sub> )		3,644	2,754	3,188	3,126	<b>2432</b>	11,773	<b>11,500</b>
<b>Rössing Uranium Ltd</b>								
	68.6%							
<i>Namibia</i>								
Production ('000 lbs U <sub>3</sub> O <sub>8</sub> )		2,489	2,154	2,130	2,391	<b>2,475</b>	8,966	<b>9,150</b>

**Rio Tinto percentage interest shown above is at 31 December 2009. The data represent full production and sales on a 100% basis unless otherwise stated.**