

July 2012

Industry update

Queensland has a rich endowment of high-quality coal resources, with more than 34 billion tonnes (raw coal in-situ) having been identified by drilling operations.

Identified resources of coking coal amount to approximately 8.7 billion tonnes, of which about 4 billion tonnes are suitable for open-cut mining.

The Bowen Basin, which contains virtually all of the state's hard coking coal, is the most important source of export coal in Queensland. The Callide, Clarence-Moreton, Tarong and Surat basins are important sources of thermal coal for domestic power generation.

The Surat Basin, with its large resources of potentially open-cut thermal coal, continues to attract interest both nationally and internationally and is set to emerge as a major source of highvolatile thermal coal for export. Large-scale open-cut mining is expected to commence in the Surat Basin in the region around Chinchilla and north-west to Wandoan and Taroom within the next five years, subject to establishment of new rail and port infrastructure.

In addition, exploration for export thermal coal now includes a focus on the previously identified large deposits of shallow coal that occur along the eastern flank of the Galilee Basin in western central Queensland. Five major thermal coal developments are proposed for the regions south-west and north-west of Alpha, including new railways and expanded port infrastructure at Abbot Point and Dudgeon Point on the Central Queensland

Queensland's world-class coal mines and infrastructure, including electrified rail links from the coalfields, allow efficient production and transport of coal to six coal-export terminals. At these terminals, ships of up to 230 000 deadweight tonnes load export coal for distribution to the world market.

Queensland's saleable coal production in 2010–11 amounted to a total of 179.8 million tonnes (Mt).

Exports totalling 162.5 Mt, worth A\$29.04 billion free-on-board, were made to 29 countries. An additional 22.8 Mt were supplied to domestic markets in Australia (22.5 Mt within Queensland).

These exports comprised 116.3 Mt of metallurgical coal (coking coal used in iron and steel making and coal used for pulverised coal injection [PCI] into the blast furnace) and 46.2 Mt of thermal coal used for electricity generation and in industrial processes. Coal exports from Queensland for 2010–11 were down significantly on 2009–10 export tonnages, largely due to flooding in Central Queensland during early 2011, with markets in Asia accounting for over 80 per cent of sales.

Although coal exports to Japan decreased substantially during the year under review compared with coal sales to that country in 2009-10, Japan remained the main export destination for Queensland coal in 2010–11, accounting for 49.28 Mt of export

Quick facts (2010–11)

	Saleable coal production	
	Open-cut	154.2 Mt
	Underground	25.6 Mt
	Total	179.8 Mt
	Coal exports	
	Metallurgical	116.3 Mt
	Thermal	46.2 Mt
	Total	162.5 Mt
ı	Operating coal mines	
ı	Open-cut	43
ı	Underground	13
	Total	56
	Locality maps and contact details for o Queensland's coal mines and projects are	•

sales — down from 57.32 Mt in 2009–10. India ranked as the second largest buyer (27.51 Mt) with Korea third (22.18 Mt). China in fourth position, received 21.78 Mt of coal from Queensland suppliers in 2010–11, substantially below 2009–10 coal sales to that country of 30.92 Mt.

To help meet increasing demand from international buyers, the Queensland Government is working with the coal industry and private enterprise to facilitate mine expansions, the development new coal mining projects and provision of adequate coal export infrastructure. QR National is now a publicly listed company and the Abbot Point coal terminal has been leased to the private sector.

Although severely impacted by damaging floods in early 2011. the Queensland coal industry and supporting infrastructure have now recovered and continue to expand to meet growing world demand, particularly from Asia.

Further information:

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www.mines.industry.qld.gov.au

Note: Statistics quoted in this brochure compiled by the Department of Natural Resources and Mines, 2010-11.



Table 1: Queensland's coal – New coal mines under construction

Name	Resource Mt Coal type	Project overview	Principal contact
Caval Ridge Bowen Basin (part of Bowen Basin Coal Growth Project)	100–500 •	Open-cut mine – 5.5 Mt/a hard coking coal www.bhpbilliton.com	BHP Billiton Mitsubishi Alliance ph: +61 7 3226 0600
Daunia Bowen Basin (part of Bowen Basin Coal Growth Project)	10–100 • • •	Open-cut mine – up to 4 Mt/a www.bhpbilliton.com	BHP Billiton Mitsubishi Alliance ph: +61 7 3226 0600
Eagle Downs Bowen Basin	100–500	Underground mine – up to 7 Mt/a www.eagledowns.com.au www.aquilaresources.com.au	Eagle Downs Coal Management Pty Ltd ph: +61 7 3020 4200 Aquila Resources Limited ph: +61 7 3229 5630

Table 2: Queensland coal – Advanced export coal projects (Mining Lease either granted or under application)

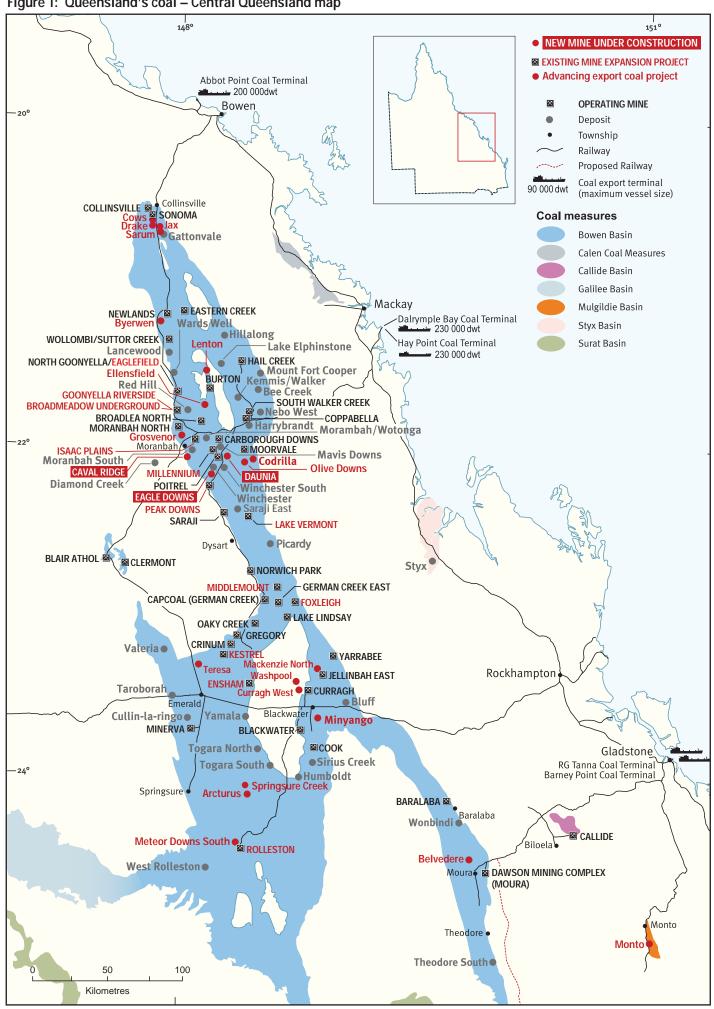
	•			Projects (winning Lease entrier granted or under a	· · · · · · · · · · · · · · · · · · ·
Name		coal	гуре	Project overview	Principal contact
Alpha Galilee Basin	>1000		•	Open-cut and underground longwall mines – 30 Mt/a www.hancockcoal.com.au	Hancock Coal Pty Ltd ph: +61 7 3003 5500
Arcturus Bowen Basin	100–500		•	Open-cut and underground longwall mines www.bandannaenergy.com.au	Bandanna Energy Limited ph: +61 7 3041 4400
Bowen Basin	100–500	•	• •	Underground mine(s) – up to 11.5 Mt/a ROM www.vale.com	Vale Australia Pty Ltd ph: +61 7 3136 0500
Byerwen Bowen Basin	>500	•	•	Open-cut and underground mines – up to 10 Mt/a www.qcoal.com.au	Byerwen Coal Pty Ltd/QCoal Pty Ltd ph: +61 7 3002 2900
Cameby Downs Mine expansion Surat Basin	100–500		•	Open-cut mine – up to 1.4 Mt/a to 10+ Mt/a www.yancoal.com.au	Yancoal Australia Ltd ph: +61 2 8243 5300
Carmichael Coal Mine & Rail Project Galilee Basin	>1000		•	Open-cut mine(s) – up to 60 Mt/a www.adanimining.com.au	Adani Mining Pty Ltd ph: +61 7 3223 4800
Codrilla Bowen Basin	10–100		•	Open-cut mine – 2.7 Mt/a www.peabodyenergy.com	Peabody Energy Australia PCI Pty Ltd ph: +61 7 3221 7210
Collingwood Surat Basin	100–500		•	Open-cut mine – 6 Mt/a (~9 Mt/a ROM) www.cockatoocoal.com.au	Cockatoo Coal Limited ph: +61 2 9300 333
Colton Maryborough Basin	10–100	•		Open-cut mine – 0.5 Mt/a www.northernenergy.com.au	Northern Energy Corporation Limited ph: +61 7 3303 0695
Cows Bowen Basin	~10	•	•	Open-cut mine – up to 1 Mt/a www.qcoal.com.au	Bowen River Coal Pty Ltd/QCoal Pty Ltd ph: +61 7 3002 2900
Curragh West Bowen Basin	10–100	•	•	Open-cut mine – Burngrove Fm, potential satellite extension to Curragh mine www.wesresources.com.au	Wesfarmers Resources Limited ph: +61 7 3031 7777
Drake Bowen Basin	100–500	•	•	Open-cut mine – up to 6 Mt/a www.qcoal.com.au	Drake Coal Pty Ltd/QCoal Pty Ltd ph: +61 7 3002 2900
Eaglefield Mine expansion Bowen Basin	100–500	•		Open-cut mine – up to 10 Mt/a, includes North Goonyella underground www.peabodyenergy.com	Peabody Energy Australia Pty Ltd ph: +61 7 3225 5500
Ellensfield Bowen Basin	10–100	•	•	Underground mine – up to 4.7 Mt/a www.vale.com	Vale Australia Pty Ltd ph: +61 7 3136 0500
Elimatta Surat Basin	100–500		•	Open-cut mine – up to 5 Mt/a www.northernenergy.com.au	Northern Energy Corporation Limited ph: +61 7 3303 0695
Ensham Central Project Bowen Basin	100–500		•	Underground mine, initially bord and pillar – 1.7 Mt/a www.ensham.com.au	Ensham Resources Pty Limited ph: +61 7 3221 1201
Foxleigh Plains Bowen Basin	10–100		•	Open-cut mine – Foxleigh mine to increase production to about 3.2 Mt/a, (4Mt/a ROM) www.angloamerican.com.au	Anglo American Metallurgical Coal Pty Ltd ph: +61 7 3834 1333
Galilee Coal Project Galilee Basin	>1000		•	Open-cut and underground mines – ~40 Mt/a www.waratahcoal.com	Waratah Coal Pty Ltd ph: +61 7 3233 0800
Goonyella Riverside Mine expansion Bowen Basin (part of Bowen Basin Coal Growth Project)	100–500	•		Open-cut and underground mines – increase by 8 Mt/a www.bhpbilliton.com	BHP Billiton Mitsubishi Alliance ph: +61 7 3226 0600
Grosvenor Bowen Basin	100–500	•		Underground mine – up to 4.5 Mt/a www.angloamerican.com.au	Anglo American Metallurgical Coal Pty Ltd ph: +61 7 3834 1333
Integrated Isaac Plains Project Bowen Basin	10–100	•	•	Open-cut mine – expansion of Isaac Plains Mine to 4 Mt/a www.vale.com	Vale Australia Pty Ltd ph: +61 7 3136 0500
Jax Bowen Basin	10–100	•	•	Open-cut mine – 1.8 Mt/a ROM www.qcoal.com.au	Jax Coal Pty Ltd/QCoal Pty Ltd ph: +61 7 3002 2900
Kevin's Corner Galilee Basin	500–1000		•	Underground longwall and open-cut mines – 30 Mt/a www.hancockcoal.com.au	Hancock Coal Pty Ltd ph: +61 7 3003 5500

Table 2: Queensland coal – Advanced export coal projects (Mining Lease either granted or under application)

Name					Project overview	Principal contact
Kestrel Mine Extension Bowen Basin	100–500	•			Relocation of mining activities and construction of new surface infrastructure to increase production up to 5.7 Mt/a and extend the life of the mine www.riotintocoalaustralia.com.au	Rio Tinto Coal Australia Pty Limited ph: +61 73361 4200
Lake Vermont Mine Expansion Bowen Basin	100–500	•	•	•	Open-cut mine expansion in the range 6 to 8 Mt/a www.jellinbah.com.au	Jellinbah Group ph: +61 7 38776700
Lenton/New Lenton Bowen Basin	10–100	•		•	Open-cut and underground mines – exploration and feasibility studies continue www.newhopecoal.com.au	New Hope Corporation Limited ph: +61 7 3418 0500
Mackenzie North Bowen Basin	100–500		•		Open-cut mine – 2 Mt/a www.jellinbah.com.au	Jellinbah Group ph: +61 7 3877 6700
Meteor Downs South Bowen Basin	10–100			•	Open-cut mine – 1.5 Mt/a www.endocoal.com.au	Endocoal Limited ph: +61 7 3720 9300 Sydney office ph: +61 2 9376 6300
Middlemount Mine expansion Bowen Basin	100–500	•	•		Open-cut mine expansion – from 2 Mt/a to about 4 Mt/a (5.4 Mt/a ROM) www.peabodyenergy.com	Peabody Energy Australia PCI Pty Ltd ph: +61 7 3221 7210
Millennium Mine expansion Bowen Basin	10–100	•	•	•	Open-cut mine expansion – about 5 Mt/a (i.e. from 2 Mt/a to 7.5 Mt/a ROM) www.peabodyenergy.com	Peabody Energy Australia Coal Pty Ltd ph: +61 7 3225 5500
Minyango Bowen Basin	100–500	•		•	Underground longwall mines – up to 7.5 Mt/a www.caledon.com.au	Caledon Resources ph: +61 7 3309 3100
Monto Project Mulgildie Basin	100–500			•	Open-cut mine – about 1.0 Mt/a (up to 1.5 Mt/a ROM) www.peabodyenergy.com.au	Peabody Energy Australia PCI Pty Ltd ph: +61 7 3221 7210
New Acland Mine expansion Clarence Moreton Basin	500–1000			•	Open-cut mine expansion – 4.8 Mt/a to 10 Mt/a www.newhopecoal.com.au	New Hope Corporation Limited ph: +61 7 3418 0500
Olive Downs Bowen Basin	10–100	•	•	•	Open-cut mine – up to 2 Mt/a www.peabodyenergy.com	Peabody Energy Australia PCI Pty Ltd ph: +61 7 3221 7210
Peak Downs Mine expansion Bowen Basin (part of Bowen Basin Coal Growth Project)	500–1000	•			Open-cut mine expansion – extra 2.5 Mt/a saleable coal www.bhpbilliton.com	BHP Billiton Mitsubishi Alliance ph: +61 7 3226 0600
Rolleston Coal Mine expansion Bowen Basin	100–500			•	Open-cut mine expansion – to range up to 15 Mt/a to 20 Mt/a www.xstratacoal.com www.rollestoncoalexpansion.com.au	Xstrata Coal Queensland Pty Ltd ph: +61 7 3115 5300 (Project Team - ph: 1800 011 569)
Sarum Bowen Basin	100–500	•		•	Open-cut and underground mines – feasibility studies continuing for production in the range 3 to 10 Mt/a www.xstratacoal.com www.sarumcoalproject.com.au	Xstrata Coal Queensland Pty Ltd ph: +61 7 3115 5300 (Project Team - ph: 1800 821 441)
South Galilee Galilee Basin	>1000			•	Open-cut and underground mines – feasibility studies continuing, 15 Mt/a www.southgalilee.com.au	Alpha Coal Management Pty Ltd ph: +61 7 3006 1850 (Project Team - ph: 1800 214 543)
Springsure Creek Bowen Basin	100–500			•	Underground mine(s) – up to 9 Mt/a ROM www.bandannaenergy.com.au	Bandanna Energy Limited ph: +61 7 3041 4400
Taroom Surat Basin	100–500			•	Open-cut mine – 8Mt/a (~12Mt/a ROM) www.cockatoocoal.com.au	Cockatoo Coal Limited ph: +61 2 9300 3333
Teresa Bowen Basin	100–500		•	•	Underground mine – evaluating continuing www.lincenergy.com	Linc Energy Ltd ph: +61 7 3229 0800
The Range Surat Basin	100–500			•	Open cut-mine – up to 5 Mt/a (from about 7 Mt/a ROM) www.stanmorecoal.com.au	Stanmore Coal Limited ph: +61 7 3238 1000
Wandoan Surat Basin	>1000			•	Open-cut mine – 22 Mt/a saleable coal www.xstratacoal.com www.wandoancoal.com.au	Xstrata Coal Queensland Pty Ltd ph: +61 7 3115 5300 (Project Team - ph: 1800 052 797)
Washpool Bowen Basin	100–500	•		•	Open-cut mine – up to 2 Mt/a saleable coal, feasibility studies continuing www.aquilaresources.com.au	Aquila Resources Limited ph: +617 3229 5630
Wonbindi Bowen Basin	10–100		•	•	Open-cut mine – up to 2 Mt/a saleable coal www.cockatoocoal.com.au	Cockatoo Coal Limited ph: +61 2 9300 3333
Woori (Guluguba) Surat Basin	10–100			•	Open-cut mine – about 4 Mt/a high volatile thermal coal www.cockatoocoal.com.au	Cockatoo Coal Limited ph: +61 2 9300 3333

coking coal
 PCI coal
 thermal coal

Figure 1: Queensland's coal – Central Queensland map



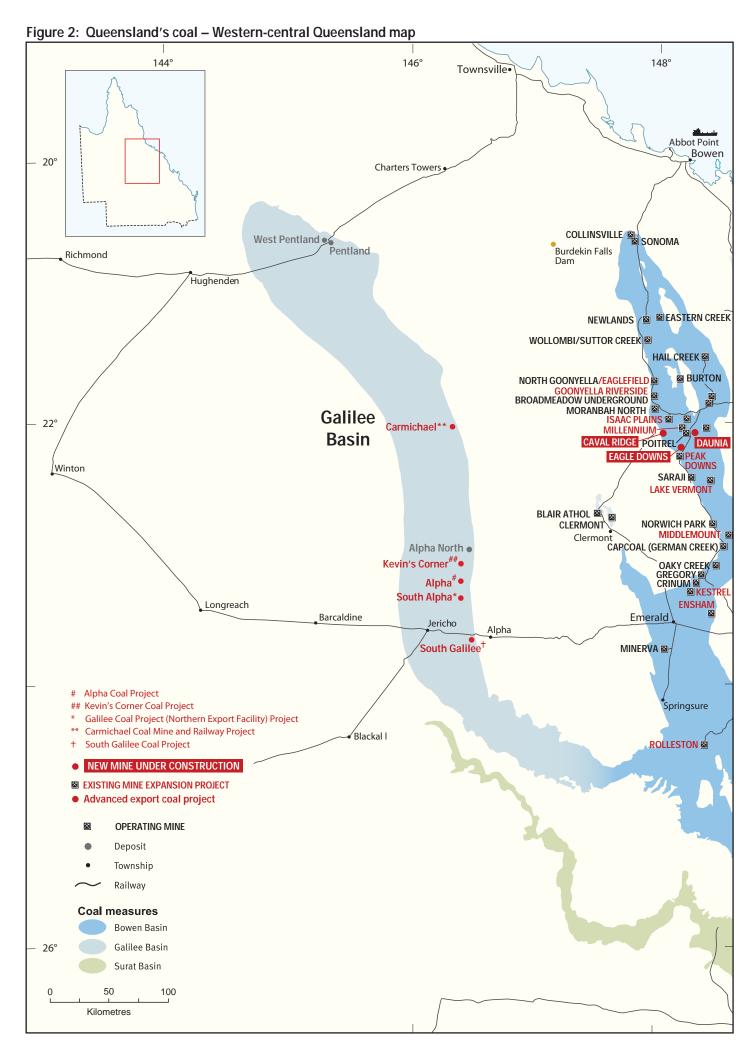


Figure 3: Queensland's coal - South-east Queensland map 152° - 220 000 dwt RG Tanna Coal Terminal Barney Point Coal Terminal Gladstone 150 000 dwt (max.cargo 90 000t) -24° BARALABA 🔊 Baralaba Wonbindi **Callide Basin △** CALLIDE Biloela Belvedere Moura a **DAWSON MINING COMPLEX Bowen** (MOURA) **Basin** Monto Mulgildie Bundaberg Theodore • Monto Basin Theodore South Maryborough **Basin** Surat Colton **Basin** •Taroom Maryborough Taroom Two Up Orazabah Wandoan Culgowie Collingwood Wandoan Extended Wańdoan Elimatta Bottle Tree
The Range
Woori (Guluguba)
Glen Laurel
Stanley Park • Glen Arden Tin Hut Creek
Horse Creek CAMEBY DOWNS Taabinga Kunioon Rywung Chinchilla Sefton Park **Tarong Basin** Glen Wilga Haystack Road MEANDU 🖾 KOGAN CREEK SW Yarraman WILKIE CREEK Ownaview **EXISTING MINE EXPANSION PROJECT** Advanced export coal project **NEW ACLAND BRISBANE OPERATING MINE Ipswich** Fisherman Islands Coal Terminal Deposit Basin Township NEW OAKLEIGH SIEEBROPILLY
Bremer View
MileBROPILLY
Mount Mort

Felton North 90 000 dwt Railway Proposed Railway • Felton East Millmerran Coal export terminal 90 000 dwt (maximum vessel size) COMMODORE 🖾 Lochbar Clarence-Bringalily • Coal measures **Moreton Basin** Bowen Basin Warwick Callide Basin Clarence Moreton Basin Ipswich Basin New South Wales Maryborough Basin Mulgildie Basin Surat Basin Tarong Basin

100

50 Kilometres

Table 3 : Queensland coal – Operating mines 2012

Name	Saleable (t) 2010–11	Coal type		Mine/Site Contact
Anglo American Metallurgical Coal Pty L	d ph: +61 7 3834	1333	www.angloamerican.com	www.angloamerican.com.au (Australian operations)
Callide and Boundary Hill Callide Basin	7 795 447		•	Callide Mine ph: +61 7 4990 1611
Dawson (formerly Moura) Bowen Basin	6 486 005	•	•	Dawson Mining Complex Reception ph: +61 7 4990 9700
Foxleigh Bowen Basin	1 966 303	•	•	Foxleigh Mine ph: +61 7 4985 9000
German Creek – Aquila* Bowen Basin	122 154	•		Capricorn Coal (Capcoal) Operations ph: +61 7 4985 0200
German Creek – Grasstree*, Bundoora* Bowen Basin	3 554 800	•		Capcoal Operations ph: +61 7 4985 0200
German Creek – Lake Lindsay Bowen Basin	1 896 305	• •	•	Capcoal Operations ph: +61 7 4985 0200
German Creek East – Oak Park Bowen Basin	1 160 809	• •	•	c/- Capcoal Operations ph: +61 7 4985 0200
Moranbah North* Bowen Basin	4 635 197	•		Moranbah North Mine ph: +61 7 4968 8600
• BHP Billiton Mitsubishi Alliance · BHP M	itsui Coal Pty Ltd	ph: +6	51 7 3226 0600 www.bhpb	illiton.com
Blackwater Bowen Basin	8 568 332	•	•	Blackwater Mine ph: +61 7 4980 5666
Broadmeadow* Bowen Basin (production included in Goonyella Riverside		•		Broadmeadow Underground Mine ph: +61 7 4940 4319
Goonyella Riverside Bowen Basin (tonnage includes Broadmeadow u/g)	10 229 859	•		Goonyella Riverside Mine ph: +61 7 4940 4333
Gregory, Crinum* Bowen Basin	5 329 470	•		Gregory Crinum Reception ph: +61 7 4982 8100
Norwich Park Bowen Basin	2 237 621	•		Norwich Park Mine ph: +61 7 4968 9222
Peak Downs Bowen Basin	6 874 692	•		Peak Downs Mine ph: +61 7 4968 8233
Poitrel Bowen Basin	2 677 755	• •	BHP Mitsui Coal Pty Ltd	Poitrel Mine ph: +61 7 4841 0670
Saraji Bowen Basin	5 406 914	•		Saraji Mine ph: +61 7 4968 9777
South Walker Creek Bowen Basin	3 133 619	•	BHP Mitsui Coal Pty Ltd	South Walker Creek Mine ph: +61 7 4949 4500
New Hope Corporation Limited ph: +617	3418 0500 www	ı.newl	nopecoal.com.au	
Jeebropilly Clarence Moreton Basin	799 230		•	Jeebropilly Mine ph: +61 7 5461 9200
New Acland Clarence Moreton Basin	4 544 324	·	•	New Acland Mine ph: +61 7 4694 8888
New Oakleigh Clarence Moreton Basin	314 962		•	New Oakleigh Mine ph: +61 7 5461 9200
 Peabody Energy Australia PCI Pty Ltd ph 	+61 7 3221 7210	www	v.peabodyenergy.com	
Coppabella Bowen Basin	2 808 992	•	•	Coppabella Coal ph: +61 7 4958 0006
Middlemount Bowen Basin	63 011	•	•	Middlemount Mine ph: +61 7 4985 0051
Moorvale Bowen Basin	2 394 010	•	•	Moorvale Mine ph: +61 7 4958 0250
• Peabody Energy Australia Pty Ltd ph: +6	1 7 3225 5500 w	ww.pe	eabodyenergy.com	
Burton Bowen Basin	2 237 265	•	•	Burton Mine ph: +61 7 4940 5555
Millennium Bowen Basin	1 617 327	• •	•	Millennium Mine ph: +61 7 3018 2958
North Goonyella*, Eaglefield Bowen Basin	2 760 171	•		North Goonyella Mine ph: +61 7 4949 2888 Eaglefield Mine ph: +61 7 4941 9743

Table 3 : Queensland coal – Operating mines 2012

Name	Saleable (t) 2010–11	Co typ				Mine/Site Contact
Peabody Energy Australia Pty Ltd ph: +617	3225 5500	www.	pea	abodyener	gy.com (cont)	
Wilkie Creek Gurat Basin	1 142 797		•	•		Wilkie Creek Mine ph: +61 7 4663 5555
Rio Tinto Coal Australia Pty Limited ph: +61	7 3361 4200	ww	w.r	iotinto.con	n www.riotintocoalaustralia.com.a	u (Australian operations)
Blair Athol Bowen Basin	3 858 146		•	Ramping	down production towards closure	Blair Athol Mine ph: +61 7 4980 2444
Clermont Bowen Basin	6 499 001		_		mine – first coal in 2010 – ramping up on to ~12.2 Mt/a	Clermont Mine ph: +61 7 4980 2500
Hail Creek Bowen Basin	6 878 982	•				Hail Creek Mine ph: +61 7 4940 5711
Kestrel* Rowen Basin	3 436 443	•				Kestrel Mine ph: +61 7 4984 7599
Vale Australia Pty Limited ph: +61 7 3136 05	00 www.val	e.com	1			
Carborough Downs* Bowen Basin	1 569 185	•	•	•		Carborough Downs Mine ph: +61 7 4958 0800
saac Plains Bowen Basin	1736 860	•	•	•		Isaac Plains Mine ph: +61 7 4816 7400
Xstrata Coal Queensland Pty Ltd ph: +6173	3115 5300 w	/ww.x	str	ata.com \	www.xstratacoal.com (Global coal o	perations)
Collinsville Bowen Basin	3 134 521	•	•	•		Collinsville Mine ph: +61 7 4785 4580
Newlands Bowen Basin – Northern*, Wollombi, Eastern Creek, Guttor Creek mines	8 285 953	• •	•			Newlands Reception ph: +617 4940 5200
Daky Creek Bowen Basin – Oaky Creek No.1*, Oaky North* mines	8 970 526	•				Oaky Creek Reception ph: +61 7 4984 7200
Rolleston Bowen Basin	5 682 429		•	•		Rolleston Mine ph: +61 7 4988 9100
Yancoal Australia Ltd ph: +617282435300	0 www.yanco	al.co	m.a	au		
Cameby Downs Surat Basin	522 850		•	•		Cameby Downs Mine ph: +61 7 4665 8266
/arrabee Bowen Basin	1 948 909	•		•		Yarrabee Mine ph: +61 7 4982 7730
Other companies operating coal mines in Qu	ueensland					
Baralaba Bowen Basin	176 856	•		Cockatoo www.coc	Limited katoocoal.com.au	Baralaba Mine ph: +61 7 4837 6600
Commodore Clarence Moreton Basin	3 391 141		•		an Operating Company Pty Ltd orgen.com	Commodore Mine Downer EDI Mining Pty Ltd (mine contractor ph: +61 7 3026 6666
Cook* Bowen Basin	558 000	•	•		Coal Pty Ltd edonresources.com	Cook Mine ph: +61 7 4986 1600
Curragh Bowen Basin	7 852 524	• •			ers Resources Limited sresources.com.au	Curragh Mine ph: +61 7 4986 9211
Ensham Bowen Basin	4 660 259		•		Resources Pty Ltd ham.com.au	Ensham Mine ph: +61 7 4987 3601
ellinbah East Bowen Basin	3 750 895	• •			Mining Pty Ltd nbah.com.au	Jellinbah East Mine ph: +61 7 4980 1000
Kogan Creek Surat Basin	2 525 512		•	CS Energy www.cse	y Ltd nergy.com.au	Kogan Creek Mine Golding Contractors Pty Ltd (mine contractor ph: +61 7 3510 3400
ake Vermont 3owen Basin	3 382 550	• •			Group nbah.com.au	Lake Vermont Mine Thiess Pty Ltd (mine contractor) ph: +61 7 4968 4716
Vleandu iarong Basin	4 218 130		•		nergy Limited ongenergy.com.au	Meandu Mine Thiess Pty Ltd (mine contractor) ph: +61 7 4160 7211
Vlinerva Bowen Basin	2 669 055		•	Sojitz Co www.soji		Minerva Mine ph: +61 7 4984 1999
				QCoal Pty		Sonoma Mine

• coking coal • PCI coal • thermal coal

* Underground coal mine

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