

YANCOAL AUSTRALIA LTD

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ASX Release:

Coal Resources and Coal Reserves statement for year ending 31 December 2020

On an attributable basis the Yancoal group total year-end 31 December 2020 position is as follows:

	31-Dec-2020	31-Dec-2019	% Change
Measured, Indicated and Inferred Coal Resources ²	6,884Mt	6,911Mt	-0.4%
Recoverable Proved and Probable Coal Reserves 12	1,154Mt	1,196Mt	-3.5%
Marketable Proved and Probable Coal Reserves 12	833Mt	872Mt	-4.5%

The Coal Resources and Coal Reserves statement presented in this report was produced in accordance with the Australasian Code for reporting of Mineral Resources and Ore Reserves 2012 Edition (the JORC Code). Commodity prices and exchange rates used to estimate the economic viability of Coal Reserves are based on the Yancoal long-term forecasts unless otherwise stated. The Coal Reserves tabulated are all held within existing, fully permitted mining leases, are within areas under applications to become mining leases or are within areas of exploration tenements detailed in the 2020 Life of Mine Plans to become mining leases in future applications.

Yancoal's leases are of sufficient duration (or convey a legal right to renew for sufficient duration) to enable all Coal Reserves on the leases to be mined in accordance with current production schedules.

The information in this report relating to Coal Resources and Coal Reserves are based on information compiled by Competent Persons (as defined by the JORC Code). All Competent Persons have sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity they are undertaking to qualify as a Competent Person as defined by the JORC Code. The Competent Persons listed in this report are independent consultants, apart from the Coal Resource and Coal Reserve reports for Moolarben, the Coal Reserve reports for Mt Thorley Warkworth, Ashton Underground and Donaldson, which have been compiled by fulltime employees of Yancoal and the Hunter Valley Operations

¹ Where required the component Coal Reserve numbers for each site making up this total have been depleted by production from the annual report date to 31 December 2020.

² 2020 Coal Resources and Coal Reserves have been rounded (significant figure) by the Competent Persons in line with the JORC Code and the Yancoal Coal Resource and Reserve reporting standards to reflect the relative uncertainty of the estimates.

(HVO) Coal Reserve report, which has been compiled by a fulltime employee of Glencore. These Coal Resources and Coal Reserves reports were peer reviewed at the time of their generation.

Each Competent Person consents to the inclusion of the matters based on their information in the form and context in which it appears in this report.

Yancoal is not aware of any new information or data that materially affects the information included in this report and at the time of this report all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed. ³

Coal Resources and Coal Reserves are reported in 100 per cent terms (unless otherwise stated). Coal Resources are reported inclusive of the Coal Resources that have been converted to Coal Reserves (i.e. Coal Resources are **not** additional to Coal Reserves).

The tabulated information is reported by Project; for details of the tenements and leases containing Coal Resources and Coal Reserves comprising each of these projects please refer to the Yancoal Australia Tenements table.

The following abbreviations are used throughout this report.

AusIMM Australasian Institute of Mining and Metallurgy

JORC Joint Ore Reserves Committee

Met Metallurgical Coal
Semi Semi-soft coking coal
PCI Pulverised Coal Injection

Mt Million tonnes
OC Open Cut
UG Underground

Authorised for lodgement by the Yancoal Disclosure Committee

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³ The Austar mine suspended production on the 31st March2020 and transitioned to care and maintenance operations. On the 1st of March 2021, an announcement was made to transition Austar to closure activities.

COAL RESOURCES FOR YEAR ENDING 31 DECEMBER 2020

			Moisture	Meas	sured	Indic	ated	Infe	rred	Total	
Project	Yancoal Ownership	Coal Type	Basis	Coal Re	sources	Coal Re	sources	Coal Re	sources	Coal Resources	Competent
Project	%	Соагтуре	%	(1)	/lt)	(1)	/lt)	(N	/lt)	(Mt)	Person #
)			2020	2020	2019	2020	2019	2020	2019	2020	2020
⁽¹⁾ Moolarben (OC & UG)	95%	Thermal	6.0%	710	760	180	180	200	200	1,090	BF
Mt Thorley (OC & UG)	80%	Semi/Thermal	6 to 8%	280	300	160	160	160	180	600	PH
Warkworth (OC & UG)	84.47%	Semi/Thermal	6 to 8%	590	610	420	420	440	470	1,450	PH
HVO (OC)	51%	Semi/Thermal	6 to 8%	800	810	1,300	1,300	2,400	2,400	4,500	LP
Yarrabee (OC)	100%	PCI/Thermal	5.5%	75	80	85	85	50	50	210	SW
(2) Gloucester (OC)	100%	Met/Thermal	6.0%	8	8	195	195	110	110	313	JB
Middlemount (OC)	50%	Met/Thermal	5.0%	57	73	53	54	8	8	118	GJ
⁽³⁾ Austar (UG)	100%	Met	5.0%	110	110	40	40	70	70	220	RD
(3) Ashton (OC & UG)	100%	Semi/Thermal	6.5%	85	85	85	85	90	90	260	PH
(3) Donaldson (OC & UG)	100%	Semi /Thermal	4.0%	190	190	400	400	100	100	690	RD
Monash (UG)	100%	Met/Thermal	6.0%	0	0	17	17	80	80	97	RD
Total Coal Reso	urces (100% Ba	sis)		2,905	3,026	2,935	2,936	3,708	3,758	9,548	
Yancoal Attr	Yancoal Attributable Share									6,884	

Note: 2020 Coal Resources have been rounded in line with the JORC Code and the Yancoal reporting standards to reflect the relative uncertainty of the estimates

Note: All Coal Resources are inclusive of Coal Reserves and are reported on a 100% basis with Yancoal's ownership percent reported for each deposit. The attributable share total is the total Coal Resources when the Yancoal ownership percent (as at 31 December 2020) is applied.

- (1) Attributable figure used for Moolarben is 85% up to and including 31 December 2019 and 95% after that date.
- Gloucester comprises the Stratford, Duralie and Grant & Chainey deposits. (2)
- On 17 February 2016, Yancoal announced a financing arrangement by its newly established subsidiary, Watagan Mining Company Ltd ("Watagan") to issue US\$755 million of nine-year bonds. Under these arrangements Yancoal's interests in the assets of Ashton, Austar and Donaldson were transferred to and controlled, for accounting purposes, by Watagan. On 16 December 2020, Yancoal announced that a commercial arrangement had been entered into between Yankuang Group Co. Ltd, its wholly owned subsidiary Yankuang Group (Hong Kong) Limited and the other two holders of the bonds issued by Watagan which resulted in Yancoal regaining accounting control of Watagan on that date.

COAL RESOURCES RECONCILIATION OF 2020 TO 2019 YEAR END REPORTING

				Measured R	lesources (Mt)						
			Reconciliation	period 1 Janua	ary 2020 to 31	December 202	20				
Project	Moolarben (OC & UG)	Mt Thorley (OC & UG)	Warkworth (OC & UG)	HVO (OC)	Yarrabee (OC)	Gloucester (OC)	(OC)	Austar (UG)	Ashton (OC & UG)	Donaldson (OC & UG)	Monash (UG)
Production Changes											
⁽²⁾ Production (-) 1 January 2020 - 31 December 2020	-47.0	-1.0	-17.0	-18.3	-3.2		-11.5		-3.1	N/A	N/A
Non - Production Changes											
Coal sterilised within the mine plan			-1.4		-0.05				-0.4		
Reconciliation (Actual Vs Model) adjustment							-4.6				
Dilution/Loss change			-0.2						0.7		
Seams/Plies failing eventual economic extraction test											
Resource reclassification	7.5	-13.9	-4.7						0.3		
Geology model change	-2.4	0.6	3.1								
(1) Change due to significant figure rounding	-8.1	-3.7	-1.9	8.3	-1.79		0.1		2.5		
Total	-50.0	-18.0	-22.0	-10.0	-5.0	0.0	-16.0	0.0	0.0	0.0	0.0

				Indicated R	esources (Mt)							
	Reconciliation period 1 January 2020 to 31 December 2020											
Project	Moolarben (OC & UG)	Mt Thorley (OC & UG)	Warkworth (OC & UG)	HVO (OC)	Yarrabee (OC)	Gloucester (OC)	Middlemount (OC)	Austar (UG)	Ashton (OC & UG)	Donaldson (UG)	Monash (UG)	
Production Changes												
Production (-) 1 January 2020 - 31 December 2020					-0.1	-1.0				N/A	N/A	
Non - Production Changes												
Coal sterilised within the mine plan												
Dilution/Loss change						-0.07	-0.3					
Seams/Plies failing eventual economic extraction test							-0.3					
Resource reclassification	1.0											
Geology model change	0.1	-0.8	-0.3									
(1) Change due to significant figure rounding	-1.1	0.8	0.3		0.1	1.1	-0.7					
Total	0.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	0.0	0.0	0.0	

				Inferred Re	sources (Mt)						
			Reconciliation	period 1 Janua	ary 2020 to 31	December 202	20				
Project	Moolarben (OC & UG)	Mt Thorley (OC & UG)	Warkworth (OC & UG)	HVO (OC)	Yarrabee (OC)	Gloucester (OC)	Middlemount (OC)	Austar (UG)	Ashton (OC & UG)	Donaldson (UG)	Monash (UG)
Production Changes											
Production (-) 1 January 2020 - 31 December 2020						-0.17					
Non - Production Changes											
Coal sterilised within the mine plan											
Seams/Plies failing eventual economic extraction test											
Resource reclassification	9.9	-9.5							-0.3		
Geology model change	1.3		0.7								
(1) Change due to significant figure rounding	-11.2	-11.5	-29.7			0.17			0.3		
Total	0.0	-21.0	-29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Continue Charges	Project Yancoal Ownership % Coal Type Production Changes Measured Resources (h Inferred Resources (M Non - Production Change Measured Resources (i Indicated Resources (i Inferred Resources (M	(OC. 9 The Mt) -4 (t) C ss Mt) C tt C t	& UG) (C 55% Sermal Ser 47.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	tt Thorley DC & UG) 80% mi/Thermal -1.0 0.0 0.0 -17.0 0.0 -21.0	Warkworth (OC & UG) 84.47% Semi/Thermal -17.0 0.0 0.0 -5.0 0.0 -29.0	Period 1 January HVO (OC) 51% Semi/Thermal -18.3 0.0 0.0 8.3 0.0	Yarrabee (OC) 100% PCI/Thermal -3.2 -0.1 0.0 -1.8 0.1	Gloucester (OC) 100% Met/Thermal 0.0 -1.1 -0.2 0.0 1.1 0.2 0.0	Middlemount (OC) 50% Met/Thermal -11.5 0.0 0.0 -4.5 -1.0 0.0 -17.0	(UG) 100% Met 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	(OC & UG) 100% Met/Thermal -3.1 0.0 0.0 3.1 0.0 0.0 0.0	(UG) 100% Met/Thermal 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
Non-Production Charges	Project Yancoal Ownership % Coal Type Production Changes Measured Resources (indicated Resources (M Non - Production Change Measured Resources (indicated R	(OC. 9 The Mt) -4 // (t) C t) C ss // (t) I // (t	& UG) (C 55% ermal Ser 17.0 0.0 0.0 0.0 0.0	tt Thorley DC & UG) 80% mi/Thermal -1.0 0.0 0.0 -17.0 0.0	Warkworth (OC & UG) 84.47% Semi/Thermal -17.0 0.0 0.0 -5.0 0.0	Period 1 January HVO (OC) 51% Semi/Thermal -18.3 0.0 0.0 8.3	Yarrabee (OC) 100% PCt/Thermal -3.2 -0.1 0.0 -1.8 0.1	Gloucester (OC) 100% Met/Thermal 0.0 -1.1 -0.2 0.0 1.1	Middlemount (OC) 50% Met/Thermal -11.5 0.0 0.0 -4.5 -1.0	(UG) 100% Met 0.0 0.0 0.0 0.0 0.0	(OC & UG) 100% Met/Thermal -3.1 0.0 0.0 3.1 0.0	(UG) 100% Met/Thermal 0.0 0.0 0.0 0.0 0.0
Non-Production Changes	Project Yancoal Ownership % Coal Type Production Changes Measured Resources (indicated Resources (Mon - Production Change) Measured Resources (Mon - Production Change)	(OC. 9 The Mt) -4 Att) C t) C SS Mt) -3	& UG) (C 55% ermal Sei 17.0 0.0 0.0	tt Thorley DC & UG) 80% mi/Thermal -1.0 0.0 0.0 -17.0	Warkworth (OC & UG) 84.47% Semi/Thermal -17.0 0.0 0.0	Period 1 Janual HVO (OC) 51% Semi/Thermal -18.3 0.0 0.0	Yarrabee (OC) 100% PCI/Thermal -3.2 -0.1 0.0	Gloucester (OC) 100% Met/Thermal 0.0 -1.1 -0.2	Middlemount (OC) 50% Met/Thermal -11.5 0.0 0.0 -4.5	(UG) 100% Met 0.0 0.0 0.0	(OC & UG) 100% Met/Thermal -3.1 0.0 0.0	(UG) 100% Met/Thermal 0.0 0.0 0.0
Non-Production Danger 1970 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170	Project Yancoal Ownership % Coal Type Production Changes Measured Resources (Indicated Resources (Inference Resources (Monor - Production Change)	(OC. 9 The Mt) -4 Vt) C t) C ss	& UG) (C 5% ermal Sei 47.0 0.0	tt Thorley DC & UG) 80% mi/Thermal -1.0 0.0	Warkworth (OC & UG) 84.47% Semi/Thermal -17.0 0.0 0.0	HVO (OC) 51% Semi/Thermal -18.3 0.0 0.0	Yarrabee (OC) 100% PCI/Thermal -3.2 -0.1 0.0	Gloucester (OC) 100% Met/Thermal 0.0 -1.1 -0.2	Middlemount (OC) 50% Met/Thermal -11.5 0.0 0.0	(UG) 100% Met 0.0 0.0 0.0	(OC & UG) 100% Met/Thermal -3.1 0.0	(UG) 100% Met/Thermal 0.0 0.0
Non-Prediction Changes	Project Yancoal Ownership % Coal Type Production Changes Measured Resources (hindicated Resources (hindicated Resources)	(OC 9 The Mt) -4 (vt) (C)	& UG) (C 15% ermal Sei 17.0	tt Thorley OC & UG) 80% mi/Thermal -1.0	Warkworth (OC & UG) 84.47% Semi/Thermal -17.0	HVO (OC) 51% Semi/Thermal -18.3 0.0	Yarrabee (OC) 100% PCI/Thermal -3.2 -0.1	Gloucester (OC) 100% Met/Thermal 0.0 -1.1	Middlemount (OC) 50% Met/Thermal -11.5 0.0	(UG) 100% Met 0.0	(OC & UG) 100% Met/Thermal -3.1 0.0	(UG) 100% Met/Thermal 0.0 0.0
NoProduction Changes	Project Yancal Ownership % Coal Type Production Changes Measured Resources ((OC 9) The	& UG) (0 55% ermal Ser 17.0	It Thorley DC & UG) 80% mi/Thermal	Warkworth (OC & UG) 84.47% Semi/Thermal	HVO (OC) 51% Semi/Thermal	Yarrabee (OC) 100% PCI/Thermal	Gloucester (OC) 100% Met/Thermal	Middlemount (OC) 50% Met/Thermal	(UG) 100% Met	(OC & UG) 100% Met/Thermal	(UG) 100% Met/Thermal 0.0
Thesember 2020	Project Yancoal Ownership % Coal Type Production Changes	9. The	& UG) (C 5% ermal Ser	It Thorley OC & UG) 80% mi/Thermal	Warkworth (OC & UG) 84.47% Semi/Thermal	HVO (OC) 51% Semi/Thermal	Yarrabee (OC) 100% PCI/Thermal	Gloucester (OC) 100% Met/Thermal	Middlemount (OC) 50% Met/Thermal	(UG) 100% Met	(OC & UG) 100% Met/Thermal	(UG) 100% Met/Thermal
Secondary 2020	Project Yancoal Ownership %	(OC 9	& UG) (C	It Thorley DC & UG) 80%	Warkworth (OC & UG) 84.47%	period 1 Janua HVO (OC) 51%	Yarrabee (OC) 100%	Gloucester (OC) 100%	Middlemount (OC) 50%	(UG) 100%	(OC & UG) 100%	(UG) 100%
Secondary 2020 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0	Project	(OC	& UG) (C	It Thorley DC & UG)	Warkworth (OC & UG)	period 1 Janua HVO (OC)	Yarrabee (OC)	Gloucester (OC)	Middlemount (OC)	(UG)	(OC & UG)	(UG)
Secondary Seco				It Thorley	Warkworth	period 1 Janua	ry 2020 to 31 Yarrabee	Gloucester	Middlemount			
December 2020	13(4)				Reconciliation			December 202	20			
December 2020	10101											
December 2020	iotai											
December 2020 10.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0						0.0	0.0		0.0	0.0		0.0
Secrember 2020				-11 5				0.17			U 3	
December 2020				-9.5							-0.3	
December 2020	extraction test											
December 2020 Non - Production Changes Non												
December 2020 Services Serv												
December 2020 Serial Seria		.020 - 31						-0.17		<u> </u>		
December 2020		2020 - 31										
December 2020 1.7.0 1.0 1.7.0 1.0 1.7.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-	(OC	& UG) (C	OC & UG)	(OC & UG)	(OC)	(OC)	(OC)	(OC)	(UG)	(OC & UG)	(UG)
Non-Production Changes	Project			It Thorley	Warkworth	HVO	Yarrabee	Gloucester	Middlemount			
Non- Production Changes					Reconciliation			December 202	20			
Non- Production Changes												
December 2020						0.0				0.0	0.0	0.0
Non- Production Changes							0.1	1.1	-0.7			
Non-Production Changes -1.4 -0.05 -4.6 -0.4				-0.8	-0.3							
Non-Production Changes												Ļ
Non-Production Changes	Seams/Plies failing event	ual economic							-0.3			
Non-Production Changes 1.7.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1		nine pidil						-0.07				
December 2020												
December 2020	December 2020						-0.1	-1.0				N/A
December 2020		2020 - 31					•					
Non - Production Changes -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -		(OC	& UG) (C	OC & UG)	(OC & UG)	(OC)	(OC)	(OC)	(OC)	(UG)	(OC & UG)	(UG)
Non-Production Changes	Project											
Non - Production Changes -1.4 -0.05 -1.6 -0.4					Reconciliati <u>o</u> n	period 1 Janua	ry 2020 to 31	December 202	20			
December 2020						Indicated Re	sources (Mt)					
December 2020												
December 2020	Total		0.0	-18.0	-22.0	-10.0	-5.0	0.0	-16.0	0.0	0.0	0.0
December 2020												
December 2020												
December 2020		7	7.5	-13.9	-4.7						0.3	
December 2020		ual economic										
December 2020					-0.2						0.7	.
December 2020												
December 2020 47.0 1.0 17.0 10.3 13.2 11.3 13.1 10/A Non - Production Changes	Reconciliation (Actual Vs	Model)							-4.6			
December 2020 47.0 1.0 17.0 18.5 15.2 11.5 13.1 19/A	Coal sterilised within the	mine plan			-1.4		-0.05				-0.4	
	Non - Production Change	!S										
		-4	17.0	-1.0	-17.0	-18.3	-3.2		-11.5		-3.1	N/A

- The reported Coal Resource totals within the Coal Resource Reports utilised for public reporting are rounded (significant figure), whereas the Coal Resource reconciliations contained within them are based on the unrounded numbers, this adjustment is required to align the unrounded reconciliations with the significant figure rounded Coal Resource totals.
- The production depletion applied to Middlemount entails the period from March 2018 to end December 2020.

COAL RESERVES FOR YEAR ENDING 31 DECEMBER 2020

				Reco	overable	Coal Res	erve			Marketab	le Coal Rese	rve			
Project	Yancoal Ownership %	Coal Type	Coal R	eserves	Coal R	eserves	Total Coal Reserves	Moisture Basis %	Ash		eserves	Coal R	eserves	Total Coal Reserves	Competent Person #
			2020	/lt) 2019	2020	/lt) 2019	(Mt) 2020	2020	% 2020	2020	/lt) 2019	2020	/lt) 2019	(Mt) 2020	2020
(1) Moolarben (OC)	95%	Thermal	178	197	6	6	184	9%	20%	144	161	5	5	149	NC
(1) Moolarben (UG)	95%	Thermal	38	46	13	13	51	9%	16%	39	47	13	13	52	AM
Mount Thorley (OC)	80.0%	Semi/Thermal	4.6	7.4	14	37	18	10%	10-14%	3.1	5.1	10	25	13	МН
Warkworth (OC)	84.47%	Semi/Thermal	180	187	76	61	256	10%	10-14%	123	133	52	47	175	МН
HVO (OC)	51%	Semi/Thermal	420	440	460	460	880	10%	13%	310	320	330	330	640	PJ
Yarrabee (OC)	100%	PCI/Thermal	31	33	15	18	46	9%	9%	25	27	12	15	37	TO
(2) Gloucester (OC)	100%	Met/Thermal	0	0	17	19	17	8%	14%	0	0	10	11	10	DL
(3) Middlemount (OC)	50%	Met/Thermal	41	45	37	37	78	10.5% Coking 9% PCI	10% Coking 11.8% PCI	33	35	27	27	60	МВ
(4) (5) Austar (UG)	100%	Met	0	0.2	0	0	0	5%	5.5%	0.0	0.2	0	0	0.0	AB
(4) Ashton (AWOC)	100%	Semi/Thermal	0	0	17	17	17	9.5%	9.5%	0	0	9	9	9	ВВ
(4) Ashton (UG)	100%	Semi/Thermal	15	9	7	21	22	8.5%	9.5%	7.2	5.1	3.4	12	11	REH
(4) Donaldson (UG)	100%	Semi/Thermal	0	0	110	110	110	8%	17%	0	0	62	62	62	REH
Total Coal Reserv	ves (100% Basis)	- Rounded	909	965	771	798	1,680			684	734	532	555	1,216	_
Yancoal A	Attributable Sha	re					1,154							833	

Note: 2020 Coal Reserves have been rounded in line with the JORC Code and the Yancoal reporting standards to reflect the relative uncertainty of the estimates

Note: All Coal Resources are inclusive of Coal Reserves, Coal Reserves are reported on a 100% basis with Yancoal's ownership percent reported for each deposit. The attributable share total is the total Coal Reserves when the Yancoal ownership percent (as at 31 December 2020) is applied.

- (1) Attributable figure used for Moolarben is 85% up to and including 31 December 2019 and 95% after that date.
- (2) Gloucester comprises the Stratford, Duralie and Grant & Chainey deposits.
- (3) The project has two product types for Marketable Coal Reserves each with a different Moisture basis, Coking at 10.5%, PCI at 9% and Ash% of 10% for Coking & 11% for PCI.
- (4) On 17 February 2016, Yancoal announced a financing arrangement by its newly established subsidiary, Watagan Mining Company Ltd ("Watagan") to issue US\$755 million of nine-year bonds. Under these arrangements Yancoal's interests in the assets of Ashton, Austar and Donaldson were transferred to and controlled, for accounting purposes, by Watagan. On 16 December 2020, Yancoal announced that a commercial arrangement had been entered into between Yankuang Group Co. Ltd, its wholly owned subsidiary Yankuang Group (Hong Kong) Limited and the other two holders of the bonds issued by Watagan which resulted in Yancoal regaining accounting control of Watagan on that date.
- (5) The Austar mine suspended production on the 31st March2020 and transitioned to care and maintenance operations. On the 1st of March 2021, an announcement was made to transition Austar to closure activities.

COAL RESERVES RECONCILIATION OF 2020 TO 2019 YEAR END REPORTING

				Recover	able Coal	Reserves (Mt)						
			Reconcilia	tion period	1 January	2020 to 3	1 Decemb	er 2020					
Project	Moolarben (OC)	Moolarben (UG)	Mt Thorley (OC)	Warkworth (OC)	HVO (OC)	Yarrabee (OC)	Gloucester (OC)	Middlemount (OC)	Austar (UG)	Ashton WOC (OC)	Ashton (UG)	Donaldson (UG)	Monash (UG)
Production Changes													
Production (Since previous JORC report)	-14.3	-7.6	-0.9	-17.2	-18.3	-3.3	-1.3	-4.0	-0.2	0.0	-3.1	0.0	N/A
Product Yield adjustments													
Moisture basis modified			0.1	1.5									
Non - Production Changes													
Coal sterilised or increased recovery in the mine plan	-0.9	0.1	-0.6	-13.8							-1.4		
Coal Resource reclassification													
Coal Reserve reclassification	1.0												
Mine Plan changes from Pre-feasibility studies/Tenement boundary/approvals/offset areas			-23.2	23.2									
Geology model changes	-3.5		0.3	3.6									
Changes to the Mine plan / Optimisation	-2.4		-0.1	-1.5		-6.6					-3.7		
Changed modifying factors			0.7	10.4							0.2		
(1) Change due to significant figure rounding	0.4	0.2	-2.3	1.8	-1.7	-0.1	-0.7				0.9		
Total	-19.7	-7.3	-26.0	8.0	-20.0	-10.0	-2.0	-4.0	-0.2	0.0	-7.0	0.0	0.0

				Marketa	able Coal F	Reserves (Mt)						
			Reconcilia	tion period	1 January	2020 to 3	1 Decemb	er 2020					
Project	Moolarben (OC)	Moolarben (UG)	Mt Thorley (OC)	Warkworth (OC)	HVO (OC)	Yarrabee (OC)	Gloucester (OC)	Middlemount (OC)	Austar (UG)	Ashton WOC (OC)	Ashton (UG)	Donaldson (UG)	Monash (UG)
Production Changes													
Production (Since previous JORC report)	-12.2	-7.7	-0.6	-11.6	-13.9	-3.0	-0.7	-2.9	-0.16	0.0	-1.5	0.0	N/A
Product Yield adjustments			-0.1	-1.2									
Moisture basis modified													
Non - Production Changes													
Coal sterilised or increased recovery in the mine plan	-1.3	0.1	-0.4	-10.0							-3.1		
Coal Resource reclassification													
Coal Reserve reclassification	0.8												
Mine Plan changes from Pre-feasibility studies/Tenement boundary/ approvals/offset areas			-15.1	15.1									
Geology model changes	-3.3		0.2	2.6									
Changes to the Mine plan / Optimisation	-1.9		-0.1	-1.8		-4.7					-1.8		
Changed modifying factors	0.1						, and the second				-0.5		
(1) Change due to significant figure rounding	0.3	0.1	-0.8	1.8	3.9	0.7	-0.3	0.9			0.8		
Total	-17.5	-7.5	-17.0	-5.0	-10.0	-7.0	-1.0	-2.0	-0.16	0.0	-6.0	0.0	0.0

Production Changes													
roduction (Since previous JORC report)	-14.3	-7.6	-0.9	-17.2	-18.3	-3.3	-1.3	-4.0	-0.2	0.0	-3.1	0.0	N/A
Product Yield adjustments													
Noisture basis modified			0.1	1.5									
Non - Production Changes													
Coal sterilised or increased recovery in the mine plan	-0.9	0.1	-0.6	-13.8							-1.4		
Coal Resource reclassification													
Coal Reserve reclassification Mine Plan changes from Pre-feasibility	1.0											<u> </u>	
tudies/Tenement ooundary/approvals/offset areas			-23.2	23.2									
Geology model changes	-3.5		0.3	3.6									
changes to the Mine plan /	-2.4		-0.1	-1.5		-6.6					-3.7		
Optimisation Changed modifying factors			0.7	10.4							0.2		
Change due to significant figure	0.4	0.2	-2.3	1.8	-1.7	-0.1	-0.7				0.9		
ounding													
otal	-19.7	-7.3	-26.0	8.0	-20.0	-10.0	-2.0	-4.0	-0.2	0.0	-7.0	0.0	0.0
						,	n 4+1						
			5 "		able Coal F			2020					
	*****	I		ation period						I was			
Project	Moolarben (OC)	Moolarben (UG)	Mt Thorley (OC)	Warkworth (OC)	HVO (OC)	Yarrabee (OC)	Gloucester (OC)	Middlemount (OC)	Austar (UG)	Ashton WOC (OC)	Ashton (UG)	Donaldson (UG)	Monash (UG)
Production Changes													
Production (Since previous JORC report)	-12.2	-7.7	-0.6	-11.6	-13.9	-3.0	-0.7	-2.9	-0.16	0.0	-1.5	0.0	N/A
Product Yield adjustments			-0.1	-1.2									
Moisture basis modified													
Non - Production Changes Coal sterilised or increased recovery in													
he mine plan	-1.3	0.1	-0.4	-10.0							-3.1		
Coal Resource reclassification Coal Reserve reclassification	0.8				1							├──	
Mine Plan changes from Pre-feasibility tudies/Tenement boundary/	0.6		-15.1	15.1									
Geology model changes	-3.3		0.2	2.6									
Changes to the Mine plan /	-1.9		-0.1	-1.8		-4.7					-1.8		
Optimisation Changed modifying factors	0.1		0.1	2.0							-0.5		
Change due to significant figure	0.3	0.1	0.8	1.8	3.9	0.7	-0.3	0.9			0.8		
ounding		0.1	-0.8						0.16				0.0
otal	-17.5	-7.5	-17.0	-5.0	-10.0	-7.0	-1.0	-2.0	-0.16	0.0	-6.0	0.0	0.0
					Totals (I	Mt)							
			Reconcilia	ation period			1 Decemb	er 2020					
Project	Moolarben	Moolarben (UG)	Mt Thorley	Warkworth	HVO	Yarrabee	Gloucester	Middlemount	Austar	Ashton WOC	Ashton	Donaldson	Monash
			(OC)	(OC)	(OC)	(OC)	(OC)	(OC)	(UG) 100%	(OC) 100%	(UG) 100%	(UG) 100%	(UG) 100%
ancoal Ownership %	95%		80%	84,47%	51%	100%	100%	50%					
'ancoal Ownership % Coal Type	95% Thermal	95% Thermal	80% Semi/	84.47% Semi/	51% Semi/	PCI/	100% Met/	50% Met/	Met	Semi/	Semi/	Semi/	Met/
·	95%	95%											_
Coal Type	95%	95%	Semi/	Semi/	Semi/	PCI/	Met/	Met/		Semi/	Semi/	Semi/	Met/
Coal Type Production Changes	95% Thermal	95% Thermal	Semi/ Thermal	Semi/ Thermal	Semi/ Thermal	PCI/ Thermal	Met/ Thermal	Met/ Thermal	Met	Semi/ Thermal	Semi/ Thermal	Semi/ Thermal	Met/
Coal Type Production Changes Recoverable Coal Reserves (Mt)	95% Thermal	95% Thermal	Semi/ Thermal -0.8	Semi/ Thermal -15.7	Semi/ Thermal	PCI/ Thermal	Met/ Thermal	Met/ Thermal -4.0	-0.2	Semi/ Thermal	Semi/ Thermal	Semi/ Thermal	Met/
Production Changes Recoverable Coal Reserves (Mt) Marketable Coal Reserves (Mt)	95% Thermal	95% Thermal	Semi/ Thermal -0.8	Semi/ Thermal -15.7	Semi/ Thermal	PCI/ Thermal	Met/ Thermal	Met/ Thermal -4.0	-0.2	Semi/ Thermal	Semi/ Thermal	Semi/ Thermal	Met/
Production Changes Recoverable Coal Reserves (Mt) Marketable Coal Reserves (Mt) Ion - Production Changes	95% Thermal -14.3 -12.2	95% Thermal -7.6 -7.7	Semi/ Thermal -0.8 -0.7	Semi/ Thermal -15.7 -12.8	Semi/ Thermal -18.3 -13.9	PCI/ Thermal -3.3 -3.0	Met/ Thermal -1.3 -0.7	Met/ Thermal -4.0 -2.9	-0.2 -0.2	Semi/ Thermal 0.0 0.0	Semi/ Thermal -3.1 -1.5	Semi/ Thermal 0.0 0.0	Met/
Production Changes Recoverable Coal Reserves (Mt) Marketable Coal Reserves (Mt) Non - Production Changes Recoverable Coal Reserves (Mt) Marketable Coal Reserves (Mt) Total Changes	95% Thermal -14.3 -12.2 -5.4 -5.3	95% Thermal -7.6 -7.7 0.3 0.2	Semi/ Thermal -0.8 -0.7 -25.2 -16.3	Semi/ Thermal -15.7 -12.8 -23.7 -7.8	Semi/ Thermal -18.3 -13.9 -1.7 3.9	-3.3 -3.0 -6.7 -4.0	Met/ Thermal -1.3 -0.7 -0.7 -0.3	Met/ Thermal -4.0 -2.9 0.0 0.9	-0.2 -0.2 -0.2	Semi/ Thermal 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Semi/ Thermal -3.1 -1.5 -3.9 -4.5	Semi/ Thermal 0.0 0.0 0.0 0.0	Met/ Thermal
coal Type Production Changes Recoverable Coal Reserves (Mt) Marketable Coal Reserves (Mt) Non - Production Changes Recoverable Coal Reserves (Mt) Marketable Coal Reserves (Mt) Total Changes Recoverable Coal Reserves (Mt)	95% Thermal -14.3 -12.2 -5.4 -5.3 -19.7	95% Thermal -7.6 -7.7 0.3 0.2	Semi/ Thermal -0.8 -0.7 -25.2 -16.3	Semi/ Thermal -15.7 -12.8 -23.7 -7.8 -8.0	Semi/ Thermal -18.3 -13.9 -1.7 3.9	-3.3 -3.0 -6.7 -4.0	-1.3 -0.7 -0.7 -0.3	-4.0 -2.9 0.0 0.9	-0.2 -0.2 -0.2 0.0 0.0	Semi/ Thermal 0.0 0.0 0.0 0.0 0.0 0.0	Semi/ Thermal -3.1 -1.5 -3.9 -4.5 -7.0	Semi/ Thermal 0.0 0.0 0.0 0.0 0.0 0.0	Met/ Thermal
Production Changes Recoverable Coal Reserves (Mt) Marketable Coal Reserves (Mt) Non - Production Changes Recoverable Coal Reserves (Mt) Marketable Coal Reserves (Mt) Total Changes	95% Thermal -14.3 -12.2 -5.4 -5.3 -19.7 -17.5	95% Thermal -7.6 -7.7 0.3 0.2 -7.3 -7.5	Semi/ Thermal -0.8 -0.7 -25.2 -16.3 -26.0 -17.0	Semi/ Thermal -15.7 -12.8 -23.7 -7.8	Semi/ Thermal -18.3 -13.9 -1.7 3.9	-3.3 -3.0 -6.7 -4.0	-1.3 -0.7 -0.7 -0.3 -2.0 -1.0	Met/ Thermal -4.0 -2.9 0.0 0.9 -4.0 -2.0	0.0 0.0 0.0 -0.2 -0.2	Semi/ Thermal 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	-3.1 -1.5 -3.9 -4.5 -7.0	Semi/ Thermal 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Met/ Thermal

Note: +ve = increase in reported Coal Reserves, -ve = decrease in reported Coal Reserves

(1) The reported Coal Reserves totals within the Coal Reserve Reports utilised for public reporting are rounded (significant figure), whereas the Coal Reserve reconciliations contained within them are based on the unrounded numbers, this adjustment is required to align the unrounded reconciliations with the significant figure rounded Coal Reserve totals.

The following table provides details of the Competent Persons for each project.

Initials	COMPETENT PERSON (CP)	TITLE	COMPANY
JB	Janet Bartolo	Senior Geologist - Manager Geological Modelling	McElroy Bryan Geological Services Pty Ltd
ВВ	Brian Baumhammer	Principal Mining Engineer	GPPH & Associates
AB	Adriaan Benson	Principal Mining Engineer	Alpha Mine Planning 4U
МВ	Mark Bryant	Principal Mining Consultant	The Minserve Group Pty Ltd
NC	Nicholas Craig	Project Manager - Moolarben Coal Operations	Yancoal Australia Ltd
RD	Rob Dyson	Senior Geologist - General Manager Operations (Retired)	McElroy Bryan Geological Services Pty Ltd
BF	Beau Fernance	Senior Mine Geologist	Yancoal Australia Ltd
PH	Paul Harrison	Senior Geologist	McElroy Bryan Geological Services Pty Ltd
МН	Matthew Hillard	Principal Mining Engineer	Yancoal Australia Ltd
REH	Raymond Howard	Principal Mining Engineer	Yancoal Australia Ltd
GJ	Greg Jones	Principal Consultant	JB Mining Services Pty Ltd
PJ	Paul Jones	Principal Engineer BD	Glencore Coal Assets Australia
DL	David Lennard	Principal Mining Consultant	Xenith Consulting Pty Ltd
AM	Adrian Moodie	Technical Services Manager - Moolarben OC	Yancoal Australia Ltd
то	Tony O'Connell	Director	Optimal Mining Solutions Pty Ltd
LP	Lyndon Pass	Principal Geologist	Encompass Mining
SW	Stuart Whyte	Principal Geologist	Measured Group

YANCOAL AUSTRALIA TENEMENTS

Only tenements containing Coal Resources and/or Reserves reported in accordance with the 2012 JORC Code are detailed in the following table.

PROJECT	TITLE TENEMENT	TENEMENT TYPE
HVO	ML1324	Mining Lease
1140	ML1337	Mining Lease
	ML1359	Mining Lease
	ML1406	Mining Lease
	ML1428	Mining Lease
	ML1465	Mining Lease
	ML1474	Mining Lease
	ML1482	Mining Lease
	ML1500	Mining Lease
	ML1526	Mining Lease
	ML1560	Mining Lease
	ML1589	Mining Lease
	ML1622 ML1634	Mining Lease Mining Lease
	ML1682	Mining Lease Mining Lease
	ML1704	Mining Lease
	ML1705	Mining Lease
	ML1706	Mining Lease
	ML1707	Mining Lease
	ML1710	Mining Lease
	ML1732	Mining Lease
	ML1734	Mining Lease
	ML1748	Mining Lease
	ML1753	Mining Lease
	ML1810	Mining Lease
	ML1811	Mining Lease
	EL5291	Exploration License
	EL5292 EL5417	Exploration License Exploration License
	EL5418	Exploration License
	EL5606	Exploration License
	EL8175	Exploration License
	EL8821	Exploration License
	CML4	Consolidated Mining Lease
	CL327	Coal Lease
	CL359	Coal Lease
	CL360	Coal Lease
	CL398	Coal Lease
	CL584	Coal Lease
	CCL714	Consolidated Coal Lease
	CCL755	Consolidated Coal Lease
	AUTH72	Authorisation
	MLA495 MLA496	Mining Lease Application Mining Lease Application
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	MLA520 MLA535	Mining Lease Application Mining Lease Application
	ALA52	Assessment Lease Application
	ALA52 ALA58	Assessment Lease Application
	ALA59	Assessment Lease Application
	⁽¹⁾ CL378	Coal Lease
	(1) CCL708	Consolidated Coal Lease
MT THORLEY &	ML1412	Mining Lease
WARKWORTH (MTW)	ML1590	Mining Lease
	ML1751	Mining Lease
	ML1752	Mining Lease
	EL7712	Exploration License
	EL8824	Exploration License
	CL219	Coal Lease
	CCL753	Consolidated Coal Lease
	⁽¹⁾ ML1547	Mining Lease
MIDDLEMOUNT	ML70379	Mining Lease
	ML70417	Mining Lease
*******	MDL282	Mineral Development License
MONASH	EL6123	Exploration License
	EL7579	Exploration License

PROJECT	TITLE	TENEMENT
	TENEMENT	TYPE
YARRABEE	MDL160	Mineral Development License
	ML1770	Mining Lease
	ML80049	Mining Lease
	ML80050	Mining Lease
	ML80096	Mining Lease
	ML80104	Mining Lease
	ML80172	Mining Lease
	ML80195	Mining Lease
	ML80196	Mining Lease
	ML80197	Mining Lease
	ML80198	Mining Lease
GLOUCESTER BASIN	A311	Authority
	A315	Authority
	EL6904	Exploration License
	ML1360	Mining Lease
	ML1409	Mining Lease
	ML1427	Mining Lease
	ML1447	Mining Lease
	ML1521	Mining Lease
	ML1528	Mining Lease
	ML1538	Mining Lease
	ML1577	Mining Lease
	ML1646	Mining Lease
	ML1733	Mining Lease
	ML1787	Mining Lease
ASHTON	ML1696	Mining Lease
	ML1623	Mining Lease
	ML1533	Mining Lease
	EL4918	Exploration License
	EL5860	Exploration License
MOOLARBEN	ML1605	Mining Lease
	ML1606	Mining Lease
	ML1628	Mining Lease
	ML1691	Mining Lease
	ML1715	Mining Lease
	EL6288	Exploration License
	EL7073 EL7074	Exploration License
	MPL0315	Exploration License Mining Purpose Lease
AUSTAR	CCL728	Consolidated Coal Lease
AUSTAN	CML2	
	ML1661	Consolidated Mining Lease Mining Lease
	ML1666	
	EL6598	Mining Lease Exploration License
DONALDSON		
DONALDSON	ML1461 ML1555	Mining Lease Mining Lease
	ML1618	Mining Lease
	ML1653	Mining Lease
	ML1703	Mining Lease
	ML1756	Mining Lease
	EL6964	Exploration License
		,
	EL5337 EL5497	Exploration License
	EL5497 EL5498	Exploration License Exploration License
	EL3430	LAPIOTATION LICENSE

Partially owned tenements.