

28 February 2022

# ASX Release:

## Coal Resources and Coal Reserves statement for year ending 31 December 2021

On an attributable basis the Yancoal group total year-end 31 December 2021 position is as follows:

	31-Dec-2021	31-Dec-2020	% Change
Measured, Indicated and Inferred Coal Resources <sup>2</sup>	6,013Mt	6,884Mt	-12.7%
Recoverable Proved and Probable Coal Reserves <sup>1 2</sup>	1,137Mt	1,154Mt	-1.5%
Marketable Proved and Probable Coal Reserves <sup>1 2</sup>	819Mt	833Mt	-1.7%

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 2021 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 is 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, Yarrabee, Ashton Underground and Donaldson, which have been compiled by fulltime employees of Yancoal, the Hunter Valley Operations (HVO) Coal Reserve report, which has been compiled by a fulltime employee of Glencore and the

<sup>1</sup> 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 2021.

<sup>2</sup> 2021 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.

Middlemount Coal Resource and Reserve Reports, which have been compiled by full time employees of Middlemount Coal. 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.<sup>3</sup>

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

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<sup>3</sup> The Austar mine suspended production on the 31st March 2020 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 and Reserves are therefore no longer being reported for Austar.

## COAL RESOURCES FOR YEAR ENDING 31 DECEMBER 2021

Project	Yancoal Ownership %	Coal Type	Moisture	Measured		Indicated		Inferred		Total	Competent Person #
			Basis	Coal Resources		Coal Resources		Coal Resources		Coal Resources	
			%	(Mt)		(Mt)		(Mt)		(Mt)	
			2021	2021	2020	2021	2020	2021	2020	2021	2021
Moolarben (OC & UG)	95%	Thermal	6.0%	700	710	170	180	200	200	1,070	BF
<sup>(1)</sup> Mt Thorley (OC & UG)	80%	Semi/Thermal	6 to 8%	203	280	150	160	75	160	428	CH
<sup>(1)</sup> Warkworth (OC & UG)	84.47%	Semi/Thermal	6 to 8%	497	590	260	420	175	440	932	CH
HVO (OC)	51%	Semi/Thermal	6 to 8%	780	800	1,300	1,300	2,400	2,400	4,480	LP
Yarrabee (OC)	100%	PCI/Thermal	5.5%	60	75	60	85	13	50	133	CH
<sup>(2)</sup> Gloucester (OC)	100%	Met/Thermal	6.0%	8	8	195	195	110	110	313	JB
Middlemount (OC)	50%	Coking/PCI	5.0%	83	57	56	53	19	8	158	AC
<sup>(3)</sup> <sup>(4)</sup> Austar (UG)	100%	Met	5.0%	0	110	0	40	0	70	0	N/A
<sup>(4)</sup> Ashton (OC & UG)	100%	Semi/Thermal	6.5%	85	85	95	85	90	90	270	PH
<sup>(4)</sup> 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 Resources (100% Basis)				2,606	2,905	2,703	2,935	3,262	3,708	8,571	
Yancoal Attributable Share										6,013	
<p>Note: 2021 Coal Resources have been rounded in line with the JORC Code and the Yancoal reporting standards to reflect the relative uncertainty of the estimates</p> <p>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 2021) is applied.</p> <p>Note: The Oaklands project has been relinquished.</p>											

- (1) MTW operations primary changes are due to Bulga Exclusion Zone, Southern Biodiversity Area, Resource Re-classifications and Sterilisation of Resources.
- (2) Gloucester comprises the Stratford, Duralie and Grant & Chainey deposits.
- (3) The Austar mine suspended production and transitioned to care and maintenance operations after 31 March 2020. On the 1st of March 2021, an announcement was made to transition Austar to closure activities. Coal Resources are therefore no longer being reported for Austar.
- (4) 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 2021 TO 2020 YEAR END REPORTING

Measured Resources (Mt)											
Reconciliation period 1 January 2021 to 31 December 2021											
Project	Moolarben (OC & UG)	Mt Thorley (OC & UG)	Warkworth (OC & UG)	HVO (OC)	Yarrabee (OC)	Gloucester (OC)	Middlemount (OC)	<sup>(2)</sup> Austar (UG)	Ashton (OC & UG)	Donaldson (OC & UG)	Monash (UG)
<b>Production Changes</b>											
Production (-) 1 January 2021 - 31 December 2021	-46.2	-0.24	-16.49	-13.5	-3.403		-8.4		-2.56	N/A	N/A
<b>Non - Production Changes</b>											
Coal sterilised within the mine plan		-44.0	-46.28					-110.0	-0.38		
Bulga Exclusion Zone and Southern Biodiversity Offset Exclusions		-21.8	-32.2								
Reconciliation (Actual Vs Model) adjustment											
Dilution/Loss change									0.69		
Seams/Plies failing eventual economic extraction test		-17.0	-16.9								
Resource reclassification	33.0	2.2	19.75		-12.0		34.4		0.32		
Geology model change	-0.8								4.18		
<sup>(1)</sup> Change due to significant figure rounding	4.0	3.82	-0.93	-6.5	0.403	0.0	0.0	0.0	-2.3		
<b>Total</b>	<b>-10.0</b>	<b>-77.00</b>	<b>-93.0</b>	<b>-20.0</b>	<b>-15.0</b>	<b>0.0</b>	<b>26.0</b>	<b>-110.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

Indicated Resources (Mt)											
Reconciliation period 1 January 2021 to 31 December 2021											
Project	Moolarben (OC & UG)	Mt Thorley (OC & UG)	Warkworth (OC & UG)	HVO (OC)	Yarrabee (OC)	Gloucester (OC)	Middlemount (OC)	<sup>(2)</sup> Austar (UG)	Ashton (OC & UG)	Donaldson (UG)	Monash (UG)
<b>Production Changes</b>											
Production (-) 1 January 2021 - 31 December 2021						-1.28				N/A	N/A
<b>Non - Production Changes</b>											
Coal sterilised within the mine plan		-37.64	-20.09			-0.91					
Bulga Exclusion Zone and Southern Biodiversity Offset Exclusions		-80.75	-161.01								
Dilution/Loss change						-0.24					
Seams/Plies failing eventual economic extraction test		-2.14	-7.27								
Resource reclassification	-19.8	111.59	25.49		-25.0		3.0		8.35		
Geology model change	0.6								0.96		
<sup>(1)</sup> Change due to significant figure rounding	9.2	-1.06	2.9	0.0	0.0	2.4	0.0	0.0	0.69		
<b>Total</b>	<b>-10.0</b>	<b>-10.0</b>	<b>-160.0</b>	<b>0.0</b>	<b>-25.0</b>	<b>0.0</b>	<b>3.0</b>	<b>-40.0</b>	<b>10.0</b>	<b>0.0</b>	<b>0.0</b>

Inferred Resources (Mt)											
Reconciliation period 1 January 2021 to 31 December 2021											
Project	Moolarben (OC & UG)	Mt Thorley (OC & UG)	Warkworth (OC & UG)	HVO (OC)	Yarrabee (OC)	Gloucester (OC)	Middlemount (OC)	<sup>(2)</sup> Austar (UG)	Ashton (OC & UG)	Donaldson (UG)	Monash (UG)
<b>Production Changes</b>											
Production (-) 1 January 2021 - 31 December 2021	-0.3					-0.12				N/A	N/A
<b>Non - Production Changes</b>											
Coal sterilised within the mine plan		-6.18	-6.97			-0.1		-70			
Bulga Exclusion Zone and Southern Biodiversity Offset Exclusions		-70.65	-139.71								
Seams/Plies failing eventual economic extraction test		-2.54	-2.92								
Resource reclassification	-13.3	-6.1	-130.9		-37.0		11.0		0.47		
Geology model change	-1.9								-2.69		
<sup>(1)</sup> Change due to significant figure rounding	15.5	0.47	15.5	0.0	0.0	0.22	0.0	0.0	2.22		
<b>Total</b>	<b>0.0</b>	<b>-85</b>	<b>-265.0</b>	<b>0.0</b>	<b>-37.0</b>	<b>0.0</b>	<b>11.0</b>	<b>-70.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

Total Resources (Mt)											
Reconciliation period 1 January 2021 to 31 December 2021											
Project	Moolarben (OC & UG)	Mt Thorley (OC & UG)	Warkworth (OC & UG)	HVO (OC)	Yarrabee (OC)	Gloucester (OC)	Middlemount (OC)	<sup>(2)</sup> Austar (UG)	Ashton (OC & UG)	Donaldson (UG)	Monash (UG)
<b>Yancoal Ownership %</b>	95%	80%	84.47%	51%	100%	100%	50%	100%	100%	100%	100%
<b>Coal Type</b>	Thermal	Semi/Thermal	Semi/Thermal	Semi/Thermal	PCI/Thermal	Met/Thermal	Met/Thermal	Met	Met/Thermal	Met/Thermal	Met/Thermal
<b>Production Changes</b>											
Measured Resources (Mt)	-46.2	-0.2	-16.5	-13.5	-3.4	0.0	-8.4	0.0	-2.6	N/A	N/A
Indicated Resources (Mt)	0.0	0.0	0.0	0.0	0.0	-1.3	0.0	0.0	0.0	N/A	N/A
Inferred Resources (Mt)	-0.3	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	N/A	N/A
<b>Non - Production Changes</b>											
Measured Resources (Mt)	36.2	-76.8	-76.5	-6.5	-11.6	0.0	34.4	-110.0	2.6	0.0	0.0
Indicated Resources (Mt)	-10.0	-10.0	-160.0	0.0	-25.0	1.3	3.0	-40.0	10.0	0.0	0.0
Inferred Resources (Mt)	0.3	-85.0	-265.0	0.0	-37.0	0.1	11.0	-70.0	0.0	0.0	0.0
<b>Totals</b>	<b>-20.0</b>	<b>-172.0</b>	<b>-518.0</b>	<b>-20.0</b>	<b>-77.0</b>	<b>0.0</b>	<b>40.0</b>	<b>-220.0</b>	<b>10.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Coal Resource Changes (100% Basis)</b>										<b>-977.0</b>	
<b>Yancoal Attributable Share</b>										<b>-871.4</b>	

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

- (1) 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.
- (2) On the 1st of March 2021, an announcement was made to transition Austar to closure activities. Coal Resources are therefore no longer being reported and have been allocated as sterilized coal for reconciliation purposes.

## COAL RESERVES FOR YEAR ENDING 31 DECEMBER 2021

Project	Yancoal Ownership %	Coal Type	Recoverable Coal Reserve					Marketable Coal Reserve							Competent Person #
			Proved Coal Reserves (Mt)		Probable Coal Reserves (Mt)		Total Coal Reserves (Mt)	Moisture Basis %	Ash %	Proved Coal Reserves (Mt)		Probable Coal Reserves (Mt)		Total Coal Reserves (Mt)	
			2021	2020	2021	2020	2021	2021	2021	2021	2020	2021	2020	2021	2021
Moolarben (OC)	95%	Thermal	162	178	5	6	167	9%	21%	133	144	4	5	137	TB
Moolarben (UG)	95%	Thermal	32	38	13	13	44	9%	16%	32	39	13	13	45	LM
Mount Thorley (OC)	80.0%	Semi/Thermal	2	4.6	16	14	18	10%	10-14%	1.3	3.1	11	10	13	MH
Warkworth (OC)	84.47%	Semi/Thermal	151	180	92	76	242	10%	10-14%	104	123	61	52	165	MH
HVO (OC)	51%	Semi/Thermal	400	420	460	460	860	10%	13%	290	310	330	330	620	PJ
Yarrabee (OC)	100%	PCI/Thermal	39	31	42	15	81	10%	10%	29	25	32	12	61	MH
<sup>(1)</sup> Gloucester (OC)	100%	Met/Thermal	0	0	2.4	17	2.4	8%	19%	0	0	1.4	10	1.4	DL
<sup>(2)</sup> Middlemount (OC)	50%	Coking/PCI	74	41	19	37	93	10% Coking 10.5% PCI	10% Coking 10.5% PCI	53	33	16	27	69	PM
<sup>(3)</sup> Ashton (AWOC)	100%	Semi/Thermal	0	0	17	17	17	9.5%	9.5%	0	0	9	9	9	BB
<sup>(3)</sup> Ashton (UG)	100%	Semi/Thermal	14	15	8	7	22	8.5%	9.5%	8	7.2	5	3.4	13	REH
<sup>(3)</sup> Donaldson (UG)	100%	Semi/Thermal	0	0	110	110	110	8%	17%	0	0	62	62	62	REH
Total Coal Reserves (100% Basis) - Rounded			874	909	783	771	1,657			651	684	544	532	1,195	
Yancoal Attributable Share							1,137							819	
<p>Note: 2021 Coal Reserves have been rounded in line with the JORC Code and the Yancoal reporting standards to reflect the relative uncertainty of the estimates</p> <p>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 2021) is applied.</p> <p>Note: The Austar mine suspended production on the 31<sup>st</sup> March 2020 and transitioned to care and maintenance operations. On the 1<sup>st</sup> of March 2021, an announcement was made to transition Austar to closure activities.</p>															

- (1) Gloucester comprises the Stratford, Duralie and Grant & Chainey deposits.
- (2) The project has two product types for Marketable Coal Reserves each with a different Moisture basis, Coking at 10%, PCI at 10.5% and Ash% of 10% for Coking & 10.5% for PCI.
- (3) 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 RESERVES RECONCILIATION OF 2021 TO 2020 YEAR END REPORTING

Recoverable Coal Reserves (Mt)													
Reconciliation period 1 January 2021 to 31 December 2021													
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)
<b>Production Changes</b>													
Production (Since previous JORC report)	-14.3	-6.7	-0.3	-16.6	-15.2	-2.9	-1.7	-4.7			-2.6		
Product Yield adjustments													
Moisture basis modified													
<b>Non - Production Changes</b>													
Coal sterilised or increased recovery in the mine plan					1.8								
Coal Resource reclassification				0.7									
Coal Reserve reclassification	2.5												
Mine Plan changes from Pre-feasibility studies/Tenement boundary/approvals/offset areas							-12.5	23.5					
Geology model changes	0.6						0.1				1.0		
Changes to the Mine plan / Optimisation	-3.1	0.1	0.1	1.8		39.1	-1.1				1.6		
Changed modifying factors	-2.3						0.2	-6.8					
<sup>(1)</sup> Change due to significant figure rounding	-0.4	-0.4	-0.4	0.1	-6.6	-1.2	0.4	3.0					
<b>Total</b>	<b>-17</b>	<b>-7.0</b>	<b>-0.6</b>	<b>-14.0</b>	<b>-20.0</b>	<b>35.0</b>	<b>-14.6</b>	<b>15.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

Marketable Coal Reserves (Mt)													
Reconciliation period 1 January 2021 to 31 December 2021													
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)
<b>Production Changes</b>													
Production (Since previous JORC report)	-12.1	-6.8	-0.2	-11.1	-11.2	-2.5	-1.0	-3.7			-1.2		
Product Yield adjustments													
Moisture basis modified													
<b>Non - Production Changes</b>													
Coal sterilised or increased recovery in the mine plan					0.6								
Coal Resource reclassification													
Coal Reserve reclassification	1.1			0.4									
Mine Plan changes from Pre-feasibility studies/Tenement boundary/approvals/offset areas							-7.1	16.9					
Geology model changes	0.5										0.5		
Changes to the Mine plan / Optimisation	-2.5	0.1		1.1		26.6	-0.7				3.4		
Changed modifying factors	1.0						0.1	-4.9					
<sup>(1)</sup> Change due to significant figure rounding	0.6	-0.3	-0.6	-0.4	-9.4	-0.1	0.1	0.7			-0.3		
<b>Total</b>	<b>-11.4</b>	<b>-7.0</b>	<b>-0.8</b>	<b>-10.0</b>	<b>-20.0</b>	<b>24.0</b>	<b>-8.6</b>	<b>9.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.4</b>	<b>0.0</b>	<b>0.0</b>

Totals (Mt)													
Reconciliation period 1 January 2021 to 31 December 2021													
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)
<b>Yancoal Ownership %</b>	95%	95%	80%	84.47%	51%	100%	100%	50%	100%	100%	100%	100%	100%
<b>Coal Type</b>	Thermal	Thermal	Semi/ Thermal	Semi/ Thermal	Semi/ Thermal	PCI/ Thermal	Met/ Thermal	Met/ Thermal	Met	Semi/ Thermal	Semi/ Thermal	Semi/ Thermal	Met/ Thermal
<b>Production Changes</b>													
Recoverable Coal Reserves (Mt)	-14.3	-6.7	-0.3	-16.6	-15.2	-2.9	-1.7	-4.7	0.0	0.0	-2.6	0.0	
Marketable Coal Reserves (Mt)	-12.1	-6.8	-0.2	-11.1	-11.2	-2.5	-1.0	-3.7	0.0	0.0	-1.2	0.0	
<b>Non - Production Changes</b>													
Recoverable Coal Reserves (Mt)	-2.7	-0.3	-0.3	2.6	-4.8	37.9	-12.9	19.7	0.0	0.0	2.6	0.0	
Marketable Coal Reserves (Mt)	0.7	-0.2	-0.6	1.1	-8.8	26.5	-7.6	12.7	0.0	0.0	3.6	0.0	
<b>Total Changes</b>													
Recoverable Coal Reserves (Mt)	-17.0	-7.0	-0.6	-14.0	-20.0	35.0	-14.6	15.0	0.0	0.0	0.0	0.0	0.0
Marketable Coal Reserves (Mt)	-11.4	-7.0	-0.8	-10.0	-20.0	24.0	-8.6	9.0	0.0	0.0	2.4	0.0	0.0
<b>Total Recoverable Coal Reserve Changes (100% Basis)</b>				<b>-23.2</b>		<b>Total Marketable Coal Reserve Changes (100% Basis)</b>							<b>-22.4</b>
<b>Yancoal Attributable Share</b>				<b>-17.4</b>		<b>Yancoal Attributable Share</b>							<b>-14.5</b>

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

- 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 – General Manager Geological Modelling	McElroy Bryan Geological Services Pty Ltd
BB	Brian Baumhammer	Principal Mining Engineer	Baumhammer Consulting Pty Ltd
TB	Tim Baitch	Mining Consultant	TACTech Mine Planning
AC	Andrew Curd	Superintendent Coal Quality & Logistics	Middlemount Coal Pty Ltd
RD	Rob Dyson	Senior Geologist - General Manager Operations (Retired)	McElroy Bryan Geological Services Pty Ltd
BF	Beau Fernance	Geology Superintendent	Yancoal Australia Ltd
CH	Cheryl Holz	Lead Geologist	Xenith Consulting Pty Ltd
PH	Paul Harrison	Senior Geologist	McElroy Bryan Geological Services Pty Ltd
MH	Matthew Hillard	Principal Mining Engineer	Yancoal Australia Ltd
REH	Raymond Howard	Principal Mining Engineer	Yancoal Australia Ltd
PJ	Paul Jones	Principal Engineer BD	Glencore Coal Assets Australia
DL	David Lennard	Principal Mining Consultant	Xenith Consulting Pty Ltd
PM	Peter McLure	Technical Services Manager - Middlemount OC	Middlemount Coal Pty Ltd
LM	Liam Mildon	Technical Services Manager – Moolarben UG	Yancoal Australia Ltd
LP	Lyndon Pass	Principal Geologist	Encompass Mining

## 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
	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	Mining Lease
	ML1634	Mining Lease
	ML1682	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	Exploration License
	EL5417	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	Mining Lease Application
	MLA496	Mining Lease Application
	MLA520	Mining Lease Application
	MLA535	Mining Lease Application
	ALA52	Assessment Lease Application
	ALA58	Assessment Lease Application
	ALA59	Assessment Lease Application
	<sup>(1)</sup> CL378	Coal Lease
	<sup>(1)</sup> CCL708	Consolidated Coal Lease
MT THORLEY & WARKWORTH (MTW)	ML1412	Mining Lease
	ML1590	Mining Lease
	ML1751	Mining Lease
	ML1752	Mining Lease
	EL7712	Exploration License
	EL8824	Exploration License
	CL219	Coal Lease
	CCL753	Consolidated Coal Lease
	<sup>(1)</sup> ML1547	Mining Lease
MIDDLEMOUNT	ML70379	Mining Lease
	ML70417	Mining Lease
	MDL282	Mineral Development License
MONASH	EL6123	Exploration License
	EL7579	Exploration License
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
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	Exploration License
	EL7074	Exploration License
	MPL0315	Mining Purpose Lease
AUSTAR	CCL728	Consolidated Coal Lease
	CML2	Consolidated Mining Lease
	ML1661	Mining Lease
	ML1666	Mining Lease
DONALDSON	EL6598	Exploration License
	ML1461	Mining Lease
	ML1555	Mining Lease
	ML1618	Mining Lease
	ML1653	Mining Lease
	ML1703	Mining Lease
	ML1756	Mining Lease
	EL6964	Exploration License
	EL5337	Exploration License
	EL5497	Exploration License
	EL5498	Exploration License

(1) Partially owned tenements.