

Yancoal Australia (3668 HK)

ASP offset the decline in sales volume in 1Q23; Expect improvement in volume

Yancoal's ASP of A\$347/t (+35% YoY) in 1Q23 is better than our expectation, which helped mitigate the 24% YoY decline in sales volume. We estimate Yancoal delivered ~A\$2bn of revenue (+1.8% YoY). Going forward, we expect sequential improvement in production volume as the water storage issue as a result of rainfall will be gradually improved. We have left our earnings forecast unchanged and maintain our **BUY** rating with NPV-based TP of HK\$48. Since the inclusion in Stock Connect on 13 Mar, Southbound holdings in Yancoal has been increased to 1.48%. We expect fund inflow to continue, given that YAL offers scarcity value for Mainland China investors who are looking for opportunities in seaborne coal sector, high dividend yield (2023E: 24%) and low valuation (2.1x 2023E).

- Production volume still affected water storage issue and labour shortage. Attributable sales volume of thermal coal / metallurgical coal was -30%/+9% YoY to 4.7mn/1.2 mn tonnes in 1Q23. Total attributable sales volume dropped 24% YoY to 5.9mn tonnes which accounted for only 18% of our full year estimate of 33.5mn tonnes (run rate in 1Q22: 27%).
- 1Q23 ASP breakdown. Thermal ASP increased 39% YoY (-21% QoQ) to A\$338/t in 1Q23. We see the ASP resilient as it is much higher than the average price of API5 (US\$125 or A\$283) and close to the GCNewc 6,000kCal (US\$242 or A354). Metallurgical ASP increased 10% YoY to A\$383/t (-1% QoQ). The blended ASP increased 35% YoY (-18% QoQ) to A\$347/t.
- Solid balance sheet. As at end-Mar, Yancoal had a gross cash balance of A\$2.8bn, after the prepayment of US\$333mn (~A\$497mn) debts in Feb. Over the coming months, Yancoal will make payment on dividend (A\$924mn) and tax (A\$1.5bn). We expect Yancoal to maintain a strong net cash position, given the expected strong operating cash flow.
- 2023 guidance unchanged: Attributable saleable production: 31-36mn tonnes, (up 5-22% YoY); Operating cash cost: A\$92-102/t (CMBI forecast: 1H>2H23).
- **Key risk factors:** (1) further decline in coal price; (2) increase in unit cost; (3) unfavourable weather that affects production.

Earnings Summary

(YE 31 Dec)	FY20A	FY21A	FY22A	FY23E	FY24E
Revenue (AUD mn)	3,473	5,403	10,548	10,386	9,576
YoY growth (%)	(22.1)	55.6	95.2	(1.5)	(7.8)
Net profit (AUD mn)	(1,040.2)	790.6	3,587.0	3,576.5	3,143.4
EPS (Reported) (AUD)	(0.79)	0.60	2.72	2.71	2.38
YoY growth (%)	na	na	355.0	(0.3)	(12.1)
Consensus EPS (AUD cents)	na	na	0.00	0.00	0.00
P/E (x)	na	4.2	2.1	2.1	2.4
P/B (x)	0.6	0.5	0.9	0.8	0.7
Yield (%)	0.0	28.2	21.4	23.6	20.8
ROE (%)	(18.3)	13.9	50.6	40.0	29.6
Net gearing (%)	68.7	31.6	(25.2)	(39.3)	(48.3)

Source: Company data, Bloomberg, CMBIGM estimates

BUY (Maintain)

 Target Price
 HK\$48.00

 (Previous TP
 HK\$48.00)

 Up/Downside
 58.7%

 Current Price
 HK\$30.25

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Stock Data

Mkt Cap (HK\$ mn)	39,943.3
Avg 3 mths t/o (HK\$ mn)	31.3
52w High/Low (HK\$)	39.55/23.45
Total Issued Shares (mn)	1320.4
0 5 10 1	

Source: FactSet

Shareholding Structure

Yankuang Energy	62.3%
China Cinda AM	13.7%
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Source: HKEx

Share Performance

	Absolute	Relative
1-mth	3.6%	-0.7%
3-mth	-11.9%	-6.4%
6-mth	8.0%	-12.4%

Source: FactSet

12-mth Price Performance (HK\$ 40.0 35.0 30.0 25.0 20.0 15.0 Apr-22 Jul-22 Oct-22 Jan-23 Apr-23

Source: FactSet

Auditor: ShineWing Australia

Related Reports

- Yancoal Australia (3668 HK) Inclusion in Stock Connect a re-rating driver – 6 Mar 2023
- Yancoal Australia (3668 HK) Net profit +3.5x YoY in 2022 but below expectations; Attractive yield of 20% -28 Feb 2023
- Yancoal Australia (3668 HK) Confirmation of price cap and volume to remove overhang – 14 Feb 2023
- 4. Yancoal Australia (3668 HK) Thermal ASP in 4Q continued to beat benchmark 20 Jan 2023
- Yancoal Australia (3668 HK) 3Q thermal coal ASP way above benchmark; a positive surprise - 21 Oct 2022



Figure 1: 1Q23 Operating statistics

	1Q22	1Q23	Chg (YoY)	2Q21	2Q22	Chg (YoY)	3Q21	3Q22	Chg (YoY)	4Q21	4Q22	Chg (YoY)
Marketable coal production (mn tonnes)												
(100 % equity basis)												
Mines												
HVO	2.7	1.8	-33.3%	2.5	2.9	16.0%	2.9	2.4	-17.2%	2.6	1.6	-38.5%
Mount Thorley Warkworth (MTW)	2	2	0.0%	2.3	1.7	-26.1%	3.2	2.1	-34.4%	3	2.3	-23.3%
Moolarben	4.3	2.6	-39.5%	5.1	4.1	-19.6%	4.6	3.4	-26.1%	4.6	3.1	-32.6%
Stratford Duralie	0.2	0.1	-50.0%	0.2	0.1	-50.0%	0.2	0.2	0.0%	0.3	0.2	-33.3%
Yarrabee	0.5	0.4	-20.0%	0.4	0.5	25.0%	0.7	0.5	-28.6%	0.7	0.6	-14.3%
Middlemount	0.8	0.5	-37.5%	0.9	0.6	-33.3%	0.9	0.7	-22.2%	0.9	0.5	-44.4%
Ashton	0.2	0.3	50.0%	0.2	0.2	0.0%	0.4	0.3	-25.0%	0.2	0.2	0.0%
Total	10.7	7.7	-28.0%	11.6	10.1	-12.9%	12.9	9.6	-25.6%	12.3	8.5	-30.9%
Marketable coal production (mn tonnes)												
(Attributable basis)												
Total	8.1	5.9	-27.2%	8.8	7.4	-15.9%	9.9	7.3	-26.3%	9.3	6.6	-29.0%
Attributable sales volume (mn tonnes)												
Thermal	6.7	4.7	-29.9%	7.3	6.6	-9.6%	8.8	5.8	-34.1%	8.3	5.51	-33.6%
Metallurgical	1.1	1.2	9.1%	1.3	1.3	0.0%	1.6	0.9	-43.8%	1.6	1.43	-10.6%
Total	7.8	5.9	-24.4%	8.6	7.9	-8.1%	10.4	6.7	-35.6%	9.9	6.94	-29.9%
ASP (A\$/tonne)												
Thermal	243	338	39.1%	96	353	267.7%	150	489	226.0%	195	430	120.5%
Metallurgical	349	383	9.7%	127	446	251.2%	178	434	143.8%	285	389	36.5%
Blended	258	347	34.5%	101	368	264.4%	155	481	210.3%	209	422	101.9%
Revenue (A\$ mn)												
Thermal	1,628	1,589	-2.4%	701	2,330	232.4%	1,320	2,836	114.9%	1,619	2,369	46.4%
Metallurgical	384	460	19.7%	165	580	251.2%	285	391	37.1%	456	556	22.0%
Total ex-mine coal revenue	2,012	2,048	1.8%	866	2,910	236.0%	1,605	3,227	101.1%	2,075	2,926	41.0%

Source: Company data, CMBIGM estimates Note: Equity-accounting for Middlemount

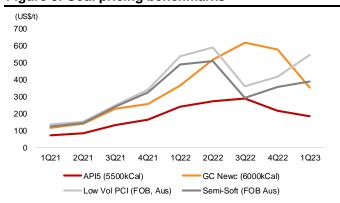
Figure 2: Key operating assumptions

	2017	2018	2019	2020	2021	2022	2023E	2024E
Marketable coal production (mn tonnes)								
(100 % equity basis)								
Mines								
HVO	14.8	13.3	13.7	12.0	10.6	9.6	12.0	13.0
Mount Thorley Warkworth (MTW)	11.8	12.1	12.1	11.9	11.2	8.1	8.0	9.0
Moolarben	12.4	16.5	17.8	19.7	18.4	14.9	18.0	18.5
Stratford Duralie	0.7	0.5	0.8	0.5	0.8	0.7	0.6	0.0
Yarrabee	2.9	2.6	2.8	3.0	2.6	2.1	2.0	2.0
Middlemount	3.9	3.8	2.7	2.9	3.7	2.6	2.7	2.7
Ashton	1.2	1.1	2.2	1.8	1.2	0.9	1.0	1.0
Total	47.7	49.9	52.1	51.8	48.5	38.9	44.3	46.2
Attributable sales volume (mn tonnes)								
Thermal	15.5	28.4	30.1	33.2	31.7	24.6	27.8	28.8
Metallurgical	3.8	5.1	5.5	4.2	5.8	4.7	5.7	5.9
Total	19.3	33.5	35.6	37.4	37.5	29.3	33.5	34.7
Growth (YoY)								
Thermal	76.1%	83.2%	6.0%	10.3%	-4.5%	-22.4%	12.9%	3.6%
Metallurgical	15.2%	34.2%	7.8%	-23.6%	38.1%	-19.0%	21.0%	3.6%
Average	59.5%	73.6%	6.3%	5.1%	0.3%	-21.9%	14.2%	3.6%
ASP (A\$/tonne)								
Thermal	102	123	100	76	134	372	300	260
Metallurgical	163	183	167	123	180	406	300	290
Blended	114	132	110	82	141	377	300	265
ASP growth (YoY)								
Thermal	45.8%	20.0%	-18.3%	-23.8%	75.4%	177.4%	-19.2%	-13.3%
Metallurgical	53.6%	12.2%	-8.8%	-26.3%	46.5%	125.5%	-26.1%	-3.3%
Blended	42.9%	15.4%	-16.2%	-26.1%	72.9%	167.3%	-20.4%	-11.6%
Cash operating cost breakdown (A\$/tonne)								
Unit cash operating cost	-71	-73	-73	-67	-77	-131	-125	-115
Change (YoY)	3.5%	2.6%	-0.9%	-8.2%	16.2%	69.6%	-4.6%	-8.3%
Unit cash operating cost (excluding government royalties)	-62	-63	-64	-60	-66	-98	-97	-90
Change (YoY)	-1.1%	0.7%	1.6%	-5.4%	9.5%	48.5%	-1.5%	-7.4%

Source: Company data, CMBIGM estimates
Note: Equity-accounting for Middlemount

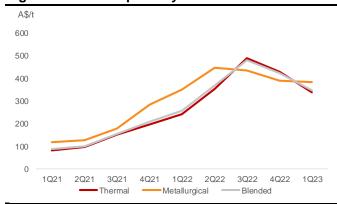


Figure 3: Coal pricing benchmarks



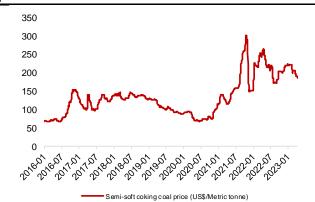
Source: Company, Argus/McCloskey, GlobalCOAL, CMBIGM

Figure 4: Yancoal quarterly ASP trend



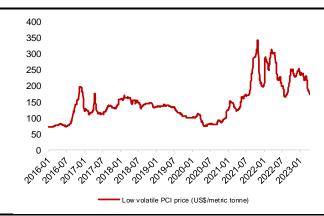
Source: Company, CMBIGM

Figure 5: Seaborne Semi-soft Coking Coal (SSCC) price



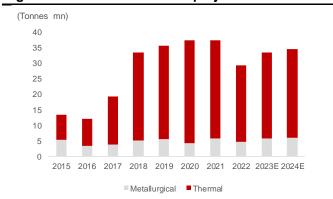
Source: Wind, CMBIGM

Figure 6: Seaborne pulverised coal injection (PCI) price



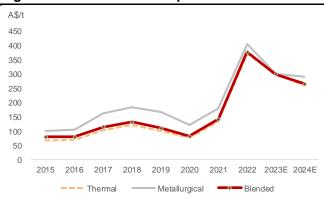
Source: Wind, CMBIGM

Figure 7: YAL's sales volume projection



Source: Company data, CMBIGM estimates

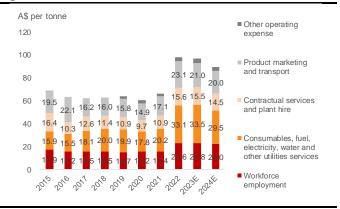
Figure 8: YAL's ASP assumptions



Source: Company data, CMBIGM estimates



Figure 9: YAL's unit cash cost breakdown



Source: Company data, CMBIGM estimates Note: Excluding government royalties

Valuation

Maintain BUY with TP of HK\$48. We value YAL by net present value (NPV), calculated by the future cash flow of all the reserves based on their effective mine life.

Our key assumptions include:

- Long-term thermal and metallurgical coal price (starting 2025E) of A\$120/t and A\$160/t respectively;
- Long-term unit cash cost inflation of 1% p.a.;
- WACC of 6.6%, based on risk free rate of 3.8% (10-year Australian government bond yield), risk premium of 6%, 0.5x beta, and 10% debt/capital ratio;
- AUD/HKD rate of HK\$5.3.

Figure 10: TP sensitivity

WACC	LT coal thermal coal price (A\$/t)								
	80	100	120	140	160				
4.6%	20	35	50	65	80				
5.6%	22	36	49	63	76				
6.6%	24	36	48	61	73				
7.6%	25	36	47	59	70				
8.6%	26	36	47	57	68				

Note: Assuming LT thermal coal price = A\$120/t

WACC		LT metallurgical coal price (A\$/t)							
	120	140	160	180	200				
4.6%	45	47	50	53	56				
5.6%	44	47	49	52	54				
6.6%	44	46	48	51	53				
7.6%	43	45	47	50	52				
8.6%	43	45	47	49	50				

Note: Assuming LT metallurgical coal price = A\$160/t

Source: Company data, CMBIGM estimates



Financial Summary

INCOME STATEMENT	2019A	2020A	2021A	2022A	2023E	2024E
YE 31 Dec (AUD mn)	201071	_0_0/1			_0_0_	
Revenue	4,460	3,473	5,403	10,548	10,386	9,576
Royalties and other related payments	(310)	(232)	(421)	(967)	(952)	(878)
Staff costs	(525)	(568)	(578)	(662)	(763)	(763)
Others	(2,095)	(2,059)	(2,232)	(2,548)	(2,844)	(2,682)
Other income	101	(703)	(36)	(132)	52	48
EBITDA	1,631	(89)	2,136	6,239	5,879	5,302
Depreciation	(607)	(804)	(831)	(834)	(859)	(864)
EBIT	1,024	(893)	1,305	5,405	5,020	4,437
Interest expense	(233)	(191)	(259)	(459)	(24)	(9)
Others	(24)	(59)	57	146	114	63
Pre-tax profit	767	(1,143)	1,103	5,092	5,109	4,491
Income tax	(48)	103	(312)	(1,505)	(1,533)	(1,347)
After tax profit	719	(1,040)	791	3,587	3,576	3,143
Minority interest	0	0	0	0	0	0
Net profit	719	(1,040)	791	3,587	3,576	3,143
BALANCE SHEET	2019A	2020A	2021A	2022A	2023E	2024E
YE 31 Dec (AUD mn)						
Current assets	1,773	1,343	2,531	3,810	5,178	6,596
Cash & equivalents	962	637	1,495	2,699	4,049	5,640
Account receivables	453	344	707	736	744	621
Inventories	261	312	264	330	335	294
Other current assets	97	50	65	45	51	41
Non-current assets	9,320	9,712	9,269	8,991	9,047	8,930
PP&E	2,940	3,302	3,232	3,486	3,776	3,908
Right-of-use assets	4,602	5,581	5,149	4,642	4,326	4,033
Deferred income tax	0	0	0	0	0	0
Investment in JVs & assos	273	257	303	413	498	545
Intangibles	97	135	138	133	130	126
Other non-current assets	1,408	437	447	317	317	317
Total assets	11,093	11,055	11,800	12,801	14,225	15,525
Current liabilities	2,112	1,199	826	2,532	2,608	2,456
Short-term borrowings	1,267	496	66	48	48	48
Account payables	802	665	743	863	939	787
Other current liabilities	43	38	17	1,621	1,621	1,621
Non-current liabilities	2,818	4,663	4,828	2,239	1,739	1,739
Long-term borrowings	2,231	3,709	3,369	625	125	125
Other non-current liabilities	587	954	1,459	1,614	1,614	1,614
Total liabilities	4,930	5,862	5,654	4,771	4,347	4,195
Total shareholders equity	6,161	5,191	6,144	8,028	9,876	11,328
Minority interest	2	2	2	2	2	2
Total equity and liabilities	11,093	11,055	11,800	12,801	14,225	15,525



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CASH FLOW	2019A	2020A	2021A	2022A	2023E	2024E
YE 31 Dec (AUD mn)						
Operating						
Profit before taxation	767	(1,143)	1,103	5,092	5,109	4,491
Depreciation & amortization	607	804	831	934	859	864
Tax paid	0	0	0	0	(1,533)	(1,347)
Change in working capital	28	25	(193)	80	59	21
Others	286	1,034	332	659	(233)	(245)
Net cash from operations	1,688	720	2,073	6,765	4,261	3,783
Investing						
Capital expenditure	(277)	(238)	(268)	(544)	(830)	(700)
Acquisition of subsidiaries/ investments	(42)	(204)	(100)	0	0	0
Others	18	(85)	69	287	172	208
Net cash from investing	(301)	(527)	(299)	(257)	(658)	(492)
Financing						
Dividend paid	(514)	(280)	0	(1,626)	(1,729)	(1,691)
Net borrowings	(698)	1	(494)	(1,320)	(500)	0
Proceeds from share issues	0	0	0	0	0	0
Others	(228)	(214)	(447)	(2,465)	(24)	(9)
Net cash from financing	(1,440)	(493)	(941)	(5,411)	(2,253)	(1,700)
Net change in cash						
Cash at the beginning of the year	1,031	962	637	1,495	2,699	4,049
Exchange difference	(16)	(25)	25	107	0	0
Cash at the end of the year	962	637	1,495	2,699	4,049	5,640
GROWTH	2019A	2020A	2021A	2022E	2023E	2024E
YE 31 Dec						
Revenue	(8.0%)	(22.1%)	55.6%	95.2%	(1.5%)	(7.8%)
EBITDA	(15.6%)	na	na	192.1%	(5.8%)	(9.8%)
EBIT	(27.4%)	na	na	314.3%	(7.1%)	(11.6%)
Net profit	(15.7%)	na	na	353.7%	(0.3%)	(12.1%)
PROFITABILITY	2019A	2020A	2021A	2022E	2023E	2024E
YE 31 Dec						
EBITDA margin	36.6%	(2.6%)	39.5%	59.1%	56.6%	55.4%
Return on equity (ROE)	12.0%	(18.3%)	13.9%	50.6%	40.0%	29.6%
GEARING/LIQUIDITY/ACTIVITIES	2019A	2020A	2021A	2022E	2023E	2024E
YE 31 Dec						
Net debt to equity (x)	0.4	0.7	0.3	(0.3)	(0.4)	(0.5)
Current ratio (x)	0.8	1.1	3.1	1.5	2.0	2.7
Receivable turnover days	41.1	41.9	35.5	25.0	26.0	26.0
Inventory turnover days	44.7	55.4	53.3	47.4	48.0	48.0
Payable turnover days	119.2	109.0	100.8	99.4	100.0	100.0
VALUATION	2019A	2020A	2021A	2022E	2023E	2024E
YE 31 Dec						
P/E	5.9	na	4.2	2.1	2.1	2.4
P/B	0.7	0.6	0.5	0.9	0.8	0.7
Div yield (%)	9.9	0.0	28.2	21.4	23.6	20.8

 $Source: Company \ data, CMBIGM \ estimates. \ Note: The \ calculation \ of \ net \ cash \ includes \ financial \ assets.$



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HOLD

Stock with potential return of +15% to -10% over next 12 months

SELL

Stock with potential loss of over 10% over next 12 months

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