# **BELL POTTER**

#### Analysts

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Authorisation Bradley Watson 618 9326 7672

## Recommendation Buy (unchanged)

Price \$2.33 Target (12 months) \$2.55 (previously \$1.65)

### **GICS Sector**

Energy

Expected Return	
Capital growth	9.4%
Dividend yield	12.4%
Total expected return	21.8%
Company Data & Ratios	
Enterprise value	\$3,749m
Market cap	\$3,906m
Issued capital	1,676m
Free float	43%
Avg. daily val. (52wk)	\$7.4m
12 month price range	\$0.50-2.38

Price Performance						
· · · · · · · · · · · · · · · · · · ·	(1m)	(3m)	(12m)			
Price (A\$)	1.82	1.37	0.82			
Absolute (%)	28.0	70.1	183.0			
Rel market (%)	23.5	68.8	175.5			

### **Absolute Price**



SOURCE: IRESS

BELL POTTER SECURITIES LIMITED ABN 25 006 390 772 AFSL 243480

## Coronado Global Resources (CRN)

Quarterly coal price update & revisions

## Upgrading our coal price outlook

We have marked to market coal prices for the March 2022 quarter and upgraded our met coal price outlook (premium Hard Coking Coal) to average US\$384/t in 2022 (previously US\$250/t) and US\$238/t in 2023 (previously US\$163/t). Current spot HCC prices are US\$513/t (Fastmarkets). Record met and thermal coal prices have been driven by the global disruption of trade flows, seasonal supply weakness, labour shortages, lack of investment in new supply and strong demand from infrastructure led economic stimulus.

EPS changes in this report are: CY22 +146%, CY23 +256%; and CY24 now A20.6cps (previously A2.2cps).

### **Quarterly preview: Production risks & inflation**

We expect stronger March 2022 quarterly production with the prior quarter impacted by weather events in the Bowen basin and a shutdown at the Curragh mine. However, above average rainfall has continued into early 2022 and remains a risk production and coal logistics chain performance. We also see risks to CRN's unit cost outlook with well-documented inflation noted by peers across the mining industry.

### Investment view: Buy, TP \$2.55/sh (previously \$1.65/sh)

The speed of CRN's recent balance sheet repair has been remarkable. While we expect operating and capital costs to be elevated over the forecast period, on our met coal price outlook the company will generate exceptionally strong free cash flow. In the absence of acquisitions or major project developments, CRN is likely to return surplus funds to shareholders as evidenced by our strong dividend yield outlook. We maintain our Buy recommendation on near-term yield and commodity price support.

Year ending 31 December	2021a	2022e	2023e	2024e
Sales (US\$m)	2,148	4,069	2,908	2,497
EBITDA (US\$m)	480	1,728	793	495
NPAT (underlying) (US\$m)	173	1,095	462	254
NPAT (reported) (US\$m)	189	1,095	462	254
EPS (adjusted) (A¢ps)	16.9	89.6	37.8	20.6
EPS growth (%)	-154%	429%	-58%	-45%
PER (x)	13.7	2.6	6.2	11.3
FCF Yield (%)	12%	36%	18%	10%
EV/EBITDA (x)	5.8	1.6	3.5	5.6
Dividend (A¢ps)	12.3	28.8	35.6	15.0
Yield (%)	5%	12%	15%	6%
Franking (%)	100%	60%	60%	60%
ROE (%)	20%	73%	24%	13%

DISCLAIMER: THIS REPORT MUST BE READ WITH THE DISCLAIMER ON PAGE 13 THAT FORMS PART OF IT. DISCLOSURE: BELL POTTER SECURITIES ACTED AS JOINT LEAD MANAGER FOR CRN'S AUGUST 220 \$240M PLACEMENT AND ENTITLEMENT OFFER AND RECEIVED FEES FOR THAT SERVICE.

# Earnings changes & company outlook

### Changes to earnings estimates

Changes to our CRN earnings outlook are the net result of this coal price update.

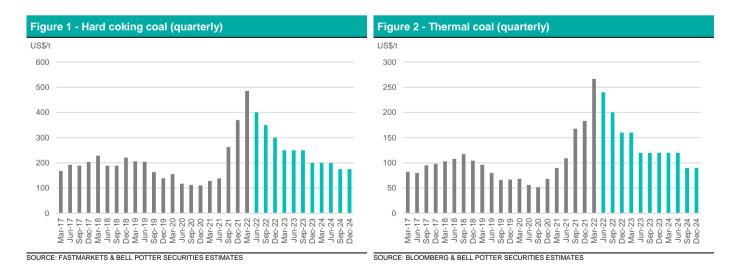
Table 1 - Changes to earnings estimates									
	Previous			New			Change		
Year ending 31 December	2022e	2023e	2024e	2022e	2023e	2024e	2022e	2023e	2024e
Sales (US\$m)	2,880	2,080	1,909	4,069	2,908	2,497	41%	40%	31%
EBITDA (US\$m)	818	344	197	1,728	793	495	111%	131%	152%
NPAT (underlying) US\$m	445	130	28	1,095	462	254	146%	256%	819%
NPAT (reported) (US\$m)	445	130	28	1,095	462	254	146%	256%	819%
EPS (adjusted) (US¢ps)	26.6	7.8	1.6	65.3	27.6	15.1	146%	256%	819%
EPS (adjusted) (A¢ps)	36.4	10.6	2.2	89.6	37.8	20.6	146%	256%	819%
Dividend (US¢ps)	14.0	7.0		21.0	26.0	11.0	50%	271%	na
Dividend (A¢ps)	19.2	9.6		28.8	35.6	15.0	50%	271%	na
Valuation	1.51	1.64	1.58	2.65	2.57	2.33	76%	57%	48%

SOURCE: COMPANY DATA AND BELL POTTER SECURITIES ESTIMATES

### Changes to coal price estimates

Table 2 - Hard coking coal outlook						Table 3	- Therma	al coal ou	utlook						
	2020	2021		2022		2023	LT		2020	2021		2022		2023	LT
	Dec(a)	Jun (a)	Dec(a)	Jun	Dec	Jun	(real)		Dec(a)	Jun (a)	Dec(a)	Jun	Dec	Jun	(real)
New	111	133	316	443	325	250	140	New	60	99	176	253	180	140	70
Previous				288	213	175	140	Previous				145	125	95	70
Change				54%	53%	43%	0%	Change				75%	44%	47%	0%
US\$/A\$	0.72	0.77	0.73	0.73	0.73	0.73	0.74	US\$/A\$	0.72	0.77	0.73	0.73	0.73	0.73	0.74
SOURCE: FA	STMARKETS &	& BELL POTTE	R SECURITIE	S ESTIMATES				SOURCE: BL	OOMBERG & F	BELL POTTER	SECURITIES F	STIMATES			

## **Quarterly coal prices & outlook**



### Quarterly preview: Weather & cost risks to guidance

We see risks to Curragh production from above average rainfall across the Bowen Basin in early 2022. Cost inflation (energy and labour) and skills shortages across the mining industry are well document and could impact both Australian and United States operations.

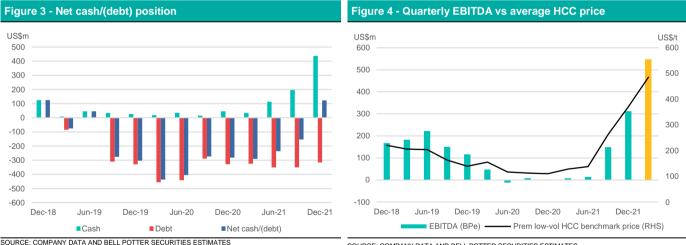
CRN disclosed an initial CY22 guidance at its CY21 financial result update in February 2022 as summarised in the following table.

Table 4 - CY22 production, unit mining cost and capital expenditure guidance								
BP est.	CY21 CY22 B actual guidance							
18.9	18.0 - 19.0	17.4	Saleable production Mt					
71	69.0 - 71.0	65.7	Mining cost US\$/t					
200	170 - 190	91	Capex US\$m					

### Robust balance sheet to support distributions

Figures 3 and 4 highlight CRN's significant operating leverage in recent quarters to rising metallurgical coal prices.

Incorporating our updated coal price assumptions and saleable production, unit mining costs and capital expenditure estimates in line with company guidance, we expect CRN could generate free cash flow of US\$546m in 1H CY22 (compared with US\$372m in 2H CY21).



SOURCE: COMPANY DATA AND BELL POTTER SECURITIES ESTIMATES NOTE: CRN RAISED US\$180M EQUITY IN AUGUST 2020 AND US\$100M EQUITY IN MAY 2021

SOURCE: COMPANY DATA AND BELL POTTER SECURITIES ESTIMATES

Balance date	Dec-20(a)	Jun-21(a)	Dec-21(a)
Revolving Syndicated Facility Agreement (maturing 15 February 2023)	328	0	0
US Notes		350	315
Less: Cash & cash equivalents (including restricted cash)	46	114	438
Net debt (excluding operating leases)	282	236	-123
Operating leases	29	25	21
Net debt	311	261	-102
Liquidity (cash + undrawn debt)	268	213	538

SOURCE: COMPANY DATA AND BELL POTTER SECURITIES ESTIMATES

### CRN's stated capital management strategy

CRN's capital management strategy is based on four fundamental pillars:

- Strong balance sheet: Maintain adequate liquidity and prudent debt levels;
- Shareholder returns: Return excess cash to shareholders (current dividend policy is to distribute 60-100% of free cash);
- Organic growth: Internally fund growth projects to increase production rates; and
- Acquisitions: Have balance sheet flexibility to pursue inorganic opportunities.

### Coal price scenarios: Sensitivity & spot leverage

CRN sells many grades of met and thermal coal from its operations in Australia and the US to multiple domestic and seaborne end-markets. As such, the following sensitivity and break-even analysis can only provide a rough guide to earnings outcomes. The analysis references benchmark hard coking coal prices (FOB Queensland) from which we calculate the majority of CRN's realised prices.

Note: Under each scenario (including spot), coal price and currency estimates are flexed over the forecast period before returning to our long run estimates.

Table 6 -	Met coal p	rice sensi	itivity & s	pot price le	everage								
	нсс			EBITDA A\$m			EPS Acps			FCF A\$m			Val'n
	CY22	CY23	CY24	CY22	CY23	CY24	CY22	CY23	CY24	CY22	CY23	CY24	A\$/sh
+15%	442	273	188	2,194	1,141	480	116.8	58.4	20.3	1,307	762	301	2.99
+10%	422	261	188	2,039	1,025	485	107.7	51.6	20.4	1,209	676	293	2.85
+5%	403	249	188	1,883	909	490	98.7	44.7	20.5	1,111	589	284	2.71
Base case	384	238	188	1,728	793	495	89.6	37.8	20.6	1,012	503	275	2.57
-5%	365	226	188	1,573	678	500	80.5	30.9	20.7	914	416	267	2.44
-10%	346	214	188	1,418	562	505	71.5	24.0	20.8	816	329	258	2.30
-15%	326	202	188	1,263	446	509	62.4	17.1	21.0	717	243	250	2.16
Spot	531	531	188	3,008	3,754	356	167.0	215.4	14.8	1,761	2,514	481	4.81

SOURCE: COMPANY DATA AND BELL POTTER SECURITIES ESTIMATES

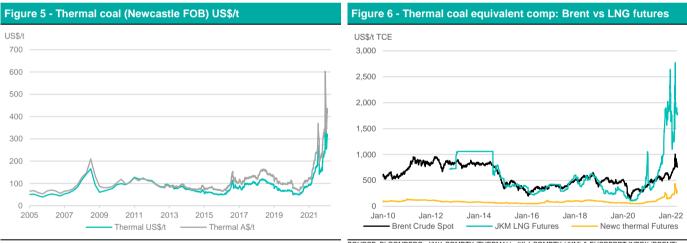
# **Coal price themes & outlook**

### Thermal coal themes & outlook

The key supportive theme for thermal coal prices is global energy markets transitioning away from supply dependence on Russian energy exports. We expect prices to remain elevated when compared with recent historical levels.

Positive thermal coal price momentum continued into the March 2022 quarter, setting a record high of US\$423/t (Newcastle 6,000kcal/kg) in early March. Prices have since softened and averaged US\$267/t over the quarter, up 45% on the December 2021 quarter (US\$184/t). Premiums for Australian export thermal coal prices over Chinese import prices (freight and energy content adjusted) remain elevated, averaging US\$96/t the March 2022 quarter, up from US\$20/t in the December 2021 quarter.

Figure 6 compares prices for spot Brent crude, JKM LNG futures and thermal coal (Newcastle 6,000kcal/kg) on a thermal coal equivalent (TCE) basis. Crude oil and LNG's higher energy density and use as an industrial feedstock explain some the difference in TCE prices.



SOURCE: BLOOMBERG & IRESS

SOURCE: BLOOMBERG - XW1 COMDTY (THERMAL), JKL1 COMDTY (JKM) & EUCRBRDT INDEX (BRENT) NOTE: TCE – THERMAL COAL EQUIVALENT

### Key thermal coal themes & risks:

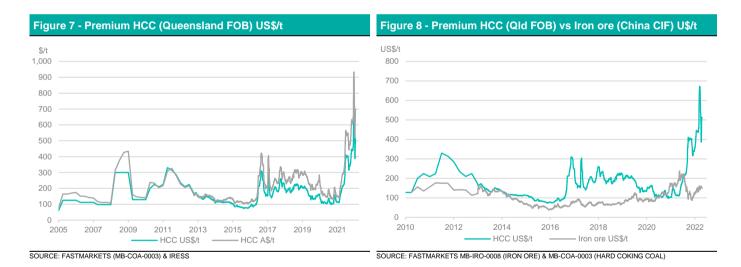
- Economic sanctions and trade embargoes enforced on Russian energy producers and financial institutions have disrupted Russian energy export trade flows. The EU is looking to phase out of Russian coal imports by August 2022 and the UK by the end of 2022. Japan has also flagged plans to reduce its dependency on Russian coal supply. Russia is the world's third largest exporter of thermal coal and Europe's largest supplier of the fuel. Russia supplies around 29% of the global high CV seaborne market.
- Australia and Indonesia are key suppliers to the seaborne thermal coal trade.
  - Australia's coal sales are mostly committed under long-term offtake agreements. Recent floods in New South Wales, the impact of COVID-19 outbreaks and general labour shortages have constrained production.
  - 2. In early 2022, Indonesian authorities temporarily banned thermal coal exports in an effort to ensure local security of supply. The threat of further export bans is ongoing.

- Global supply has been impacted by weather events in Australia and Canada, logistical disruptions in South Africa and lower production in Colombia.
- Prices across the energy complex remain elevated: Brent crude US\$107/bbl; JKM LNG futures US\$25/MMbtu; and Henry Hub US\$7.4/MMbtu (13 year high).

### Met coal themes & outlook

Constrained supply and strong demand from economic stimulus have propelled met coal prices to record levels during the quarter. Seasonal weakness from Australian met coal operations has been compounded by risks to Russian output (10-15% of global market). Demand has been supported by infrastructure led post-COVID fiscal stimulus across the major western economies. We expect these factors to continue to support above historical average met coal prices in the short and medium term.

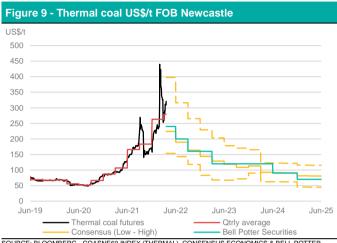
During the March 2022 quarter, premium hard coking coal prices reached a record high of US\$672/t (15-18 March, Fastmarkets), before moderating to average US\$486/t over the quarter. This quarterly average is 31% higher than the prior quarter (US\$370/t). Australian premium HCC price premiums over Chinese import prices have reverted back to positive territory, averaging US\$87/t (-US\$93/t in the December 2021 quarter). At peak prices (mentioned above) Australian premium HCC was trading US\$241/t more than Chinese import prices.



### Key met coal themes & risks:

- Consistent with the factors affecting thermal coal markets, trade flows for Russian metallurgical coal have been disrupted. According to reports, Russia supplies 10-15% of the world's metallurgical coal.
- Australian producer's ability ramp up production, in response to higher prices, has been hampered by labour shortages, rising wages and lower productivity. There is limited capacity to address short term demands from developing greenfield projects.
- Seasonal supply disruptions with Queensland's Bowen Basin weather related (wet season) mine and port outages further impacting tight seaborne market supply.
- Resurging COVID-19 infections in China and resulting lockdown measures have impacted industrial activity, including steel production.
- Steel prices have strengthened China's domestic and export steel prices for common flat and long products have risen up to 15% over the March 2022 quarter.

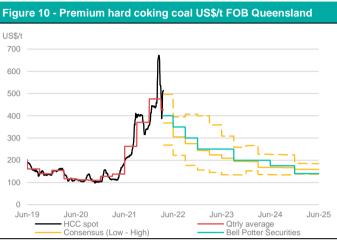
# **Coal & steel price charts**



SOURCE: BLOOMBERG - COASNE60 INDEX (THERMAL), CONSENSUS ECONOMICS & BELL POTTER SECURITIES ESTIMATES

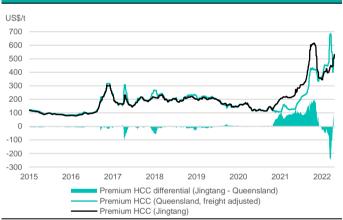






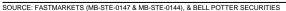
SOURCE: METAL BULLETIN, CONSENSUS ECONOMICS & BELL POTTER SECURITIES ESTIMATES





SOURCE: BLOOMBERG - COASNE60 INDEX (NEWC THERMAL), COASQI55 INDEX (QINH THERMAL) & BELL POTTER SECURITIES ESTIMATES



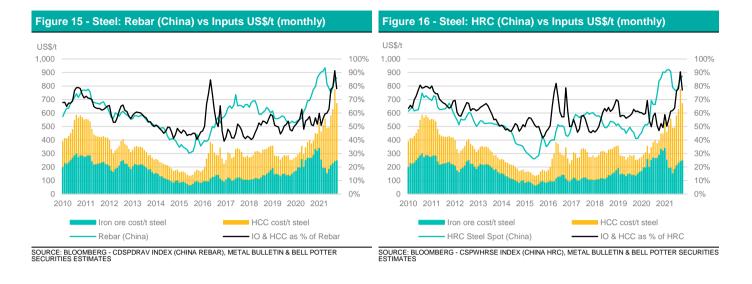


**BELL POTTER** 



SOURCE: FASTMARKETS (MB-STE-0152 & MB-STE-0154), & BELL POTTER SECURITIES

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# **Coronado Global Resources (CRN)**

## **Company description**

CRN is the largest pure-play met coal producer delivering into global export markets, with total sales of 17.7Mt in 2021 (81% met coal). The company is based in Brisbane, and first listed CDIs on the ASX in October 2018. Its assets are diversified by geography, with key production centres being Curragh (Queensland, Australia) and Buchanan (Virginia, United States). CRN supplies coal to steelmaking customers located in the Americas, Europe and Asia.

## Investment view: Buy, TP \$2.55/sh (previously \$1.65/sh)

The speed of CRN's recent balance sheet repair has been remarkable. While we expect operating and capital costs to be elevated over the forecast period, on our met coal price outlook the company will generate exceptionally strong free cash flow. In the absence of acquisitions or major project developments, CRN is likely to return surplus funds to shareholders as evidenced by our strong dividend yield outlook. We maintain our Buy recommendation on near-term yield and commodity price support.

### Valuation

Our valuation is based on discounted cash flow models of CRN's key operating assets: Curragh; Buchanan; and Logan. The US operations are modelled to their current reserve life. Curragh is modelled to 2038, with the expectation that a large proportion of the 318Mt SRA Resource will convert to Reserves. We assume mine parameters consistent with historical production, CRN prospectus guidance, Bell Potter Securities' estimated production outlooks and peer asset benchmarks. The discount rate is 12% (real).

### Risks

Risks to resources sector equities include, but are not limited to:

- **Commodity price and exchange rate fluctuations**. The future earnings and valuations of exploration, development and operating resources companies are subject to fluctuations in underlying commodity prices and foreign currency exchange rates.
- Infrastructure access. Bulk commodity producers are particularly reliant upon access to transport infrastructure. Access to infrastructure is often subject to contractual agreements, permits, and capacity allocations. Agreements are typically long-term in nature (+10 years). Infrastructure can be subject to outages as a result of weather events or the actions of third party providers.
- Operating and capital cost fluctuations. Markets for exploration, development and mining inputs can fluctuate widely and cause significant differences between planned and actual operating and capital costs. Key operating costs are linked to energy and labour markets.
- **Resource growth and mine life extensions.** Future earnings forecasts and valuations may rely upon Resource and reserve growth to extend mine lives.
- **Sovereign risks.** Mining companies' assets can be located in countries other than Australia and are subject to the sovereign risks of that country.
- **Regulatory changes risks.** Changes to the regulation of infrastructure and taxation (among other things) can impact the earnings and valuation of mining companies.
- Environmental risks. Resources companies are exposed to risks associated with environmental degradation as a result of their exploration and mining processes. Fossil fuel producers (coal) may be particularly exposed to the environmental risks of end markets including the electricity generation and steel production industries.
- Operating and development risks. Mining companies' assets are subject to risks associated with their operation and development. Risks for each company can be heightened depending on method of operation (e.g. underground versus open pit mining) or whether it is a single operation company. Development assets can be subject to approvals timelines or weather events, causing delays to commissioning and commercial production.
- Occupational health and safety risks. Mining companies are particularly exposed to OH&S risks given the physical nature and human resource intensity of operating assets.
- Funding and capital management risks. Funding and capital management risks can include access to debt and equity finance, maintaining covenants on debt finance, managing dividend payments, and managing debt repayments.
- Merger/acquisition risks. Risks associated with value transferred during merger and acquisition activity.
- COVID-19 risks: Mining companies' rely on freedom of movement of workforces, functioning transport routes, reliable logistics services including road, rail, aviation and ports in order to maintain operations and get their products to market. They also rely on liquid, functioning markets to sell their products. Measures being put in place to combat the COVID-19 pandemic are posing risks to these conditions.

## **Coronado Global** Resources as at 20 April 2022

#### Recommendation Buy Price \$2.33 \$2.55 Target (12 months)

Bell Potter Securities

### Table 7 - Financial summary

Date			20/04/22			
Price	A\$/sh		20/04/22			
Target price	A\$/sh		2.55			
PROFIT AND LOSS						
Year ending 31 December	Unit	2020a	2021a	2022e	2023e	2024e
Revenue (including other)	US\$m	1,462	2,148	4,069	2,908	2,497
Expenses EBITDA (operating)	US\$m US\$m	(1,420) <b>43</b>	(1,668) <b>480</b>	(2,341) <b>1,728</b>	(2,114) <b>793</b>	(2,002) <b>495</b>
Depreciation	US\$m	(191)	(178)	(164)	(170)	(165)
EBIT	US\$m	(149)	302	1,564	623	330
Net interest expense	US\$m	(51)	(77)	(23)	28	28
PBT	US\$m	(199)	226	1,542	651	358
Tax expense	US\$m	60	(53)	(447)	(189)	(104)
NPAT (underlying)	US\$m	(139)	173	1,095	462	254
Abnormal items NPAT (reported)	US\$m US\$m	(87) (226)	17 <b>189</b>	- 1,095	462	- 254
Ni Al (reponed)	USQIII	(220)	103	1,035	402	234
CASH FLOW STATEMENT						
Year ending 31 December	Unit	2020a	2021a	2022e	2023e	2024e
OPERATING CASH FLOW	Unit	LULUU	LULIU	LULLC	LULUC	20270
Net income	US\$m	(227)	189	1,095	462	254
Depreciation	US\$m	275	176	1,055	170	165
Amortisation of below market CSA	US\$m	(33)	(34)	(32)	(32)	(32)
	US\$m	(33)			(32)	. ,
Changes in working capital		{	(19)	(14)	70	31
Other	US\$m	(41)	130	-	-	-
Operating cash flow	US\$m	(3)	442	1,213	671	418
INVESTING CASH FLOW		(110)	(0.0)	(0.00)	(100)	(1.10)
Capex	US\$m	(118)	(90)	(200)	(169)	(142)
Acquisitions	US\$m	-		-	-	-
Other	US\$m	4	(45)	-	-	
Investing cash flow	US\$m	(114)	(134)	(200)	(169)	(142)
FINANCING CASH FLOW						
Debt proceeds/(repayments)	US\$m	217	412	-	-	-
Repayment of borrowings	US\$m	(224)	(413)	(300)	-	-
Dividends	US\$m	(24)	-	(234)	(470)	(313)
Capital return	US\$m	-	-	-	-	-
Proceeds from equity issues (net)	US\$m	-	98	-	-	-
Other	US\$m	169	(15)	-	-	-
Financing cash flow	US\$m	138	81	(534)	(470)	(313)
Change in cash	US\$m	20	389	478	33	(38)
Free cash flow	US\$m	(117)	308	1,012	503	275
BALANCE SHEET						
Year ending 31 December	Unit	2020a	2021a	2022e	2023e	2024e
ASSETS						
Cash	\$m	46	438	916	949	912
Receivables	\$m	257	272	317	232	196
Inventories	\$m	110	119	119	119	119
Property, plant and equipment	\$m	1,522	1,397	1,434	1,432	1,409
Other assets	\$m	214	235	235	235	235
Total assets	\$m	2,148	2,461	3,021	2,968	2,871
LIABILITIES						
Creditors	\$m	75	98	128	113	108
Borrowings	\$m	336	309	8	8	8
Non-market contract obligations	\$m	402	372	340	308	276
Other liabilities	\$m	529	606	606	606	606
Total liabilities	\$m	1.342	1,384	1,083	1,036	999
NET ASSETS	\$m	807	1,078	1,938	1,931	1,872
Shareholder equity	\$m	807	1,078	1,938	1,931	1,872
Minorities	\$m	0	-	-	-	
SHAREHOLDER EQUITY	\$m	807	1,078	1,938	1,931	1,872
Weighted average shares	m	1,111	1,567	1,677	1,677	1,677
		,	,	,	,=. /	,
RESOURCES & MARKETABLE RE	SERVES (	OPERATING	ASSETS (	ONLY)		
Resources	Unit	Equity		as & Ind	Total	Reserve
Curragh	Mt	100%		786	957	251
Buchanan	Mt	100%		251	251	112
Logan	Mt	100%		219	220	90
Greenbrier	N/I+	100%		80	02	28

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FINANCIAL RATIOS		0			,	
Year ending 31 December	Unit	2020a	2021a	2022e	2023e	2024
VALUATION						
EPS	USc/sh	(20.4)	12.1	65.3	27.6	15.
EPS growth (UScps)	%	-164%	-159%	441%	-58%	-45%
EPS	Ac/sh	(31.5)	16.9	89.6 429%	37.8 -58%	20. -45%
EPS growth (Acps)	%	-171%	-154%			
PER DPS	x Ac/sh	-7.4x	13.7x 12.3	2.6x 28.8	6.2x 35.6	11.3: 15.0
Franking	%	- 0%	100%	20.0 60%	60%	60%
Yield	%	0%	5%	12%	15%	6%
DPS + capital return	Ac/sh	-	12.3	28.8	35.6	15.
Yield including capital return	%	0%	5%	12%	15%	69
FCF/share	Ac/sh	(16.5)	27.5	82.9	41.1	22.
	1				18%	
FCF yield	%	-7%	12%	36%		10%
EV/EBITDA	X	65.2x	5.8x	1.6x	3.5x	5.6
LIQUIDITY & LEVERAGE						
Net debt / (cash)	US\$m	290	(129)	(908)	(941)	(903
Net debt / Equity	%	36%	-12%	-47%	-49%	-48%
Net debt / Net debt + Equity	%	26%	-14%	-88%	-95%	-93%
Net debt / EBITDA	x	6.8x	-0.3x	-0.5x	-1.2x	-1.8
EBITDA/net interest expense	x	0.8x	6.3x	75.9x	-27.9x	-17.7
PROFITABILITY RATIOS						
EBITDA margin	%	3%	22%	42%	27%	20%
EBIT margin	%	-10%	14%	38%	21%	13%
Return on assets	%	-10%	8%	36%	16%	9%
Return on equity	%	-27%	20%	73%	24%	13%
Horann on oquity	, ,, ,, ,	2170	2070	1070	2170	107
ASSUMPTIONS - Prices (nominal)						
Year ending 31 December	Unit	2020a	2021a	2022e	2023e	2024
Hard coking coal	US\$/t	124	225	384	238	18
LV PCI	US\$/t	80	160	287	173	13
Semi-soft coking coal	US\$/t	71	161	271	166	13
Thermal coal	US\$/t	61	137	217	130	10
CURRENCY	1					
AUD/USD	US\$/A\$	0.69	0.75	0.73	0.73	0.74
100,000	, 000,710	0.00	0.10	0.10	0.10	0.1
ASSUMPTIONS - Sales (equity)						
	1.0.0	0000-	0001-	0000-	0000-	0004
Year ending 31 December	Unit	2020a	2021a	2022e	2023e	2024
Saleable production	Mt	16.8	17.4	18.9	19.6	20.
Sales by asset	1 1					
Curragh met coal	Mt	8.9	8.2	9.3	9.6	10.
Curragh domestic thermal	Mt	3.5	3.1	3.2	3.2	3.:
Buchanan	Mt	3.8	4.4	4.4	4.4	4.:
Logan	1 1					3.
-	Mt	1.8	1.9	2.0	2.4	0.
Greenbrier	Mt	0.2	0.1	-	-	
Greenbrier Total	Mt Mt	0.2 <b>18.2</b>	0.1 <b>17.7</b>	- 18.9	- 19.6	20.
Greenbrier Total	Mt	0.2	0.1	-	-	20.
Greenbrier	Mt Mt	0.2 <b>18.2</b>	0.1 <b>17.7</b>	- 18.9	- 19.6	20.9 69 119
Greenbrier Total Mining cost per tonne sold Average revenue	Mt Mt US\$/t	0.2 18.2 56	0.1 17.7 66	- 18.9 71	- 19.6 72	<b>20.</b> 9 69
Greenbrier Total Mining cost per tonne sold Average revenue Average cost (EBITDA less Revenue)	Mt Mt US\$/t US\$/t US\$/t	0.2 18.2 56 77 82	0.1 <b>17.7</b> <b>66</b> 127 93	- 18.9 71 215 119	- <b>19.6</b> 72 148 101	<b>20.</b> 6 11 8
Greenbrier Total Mining cost per tonne sold Average revenue Average cost (EBITDA less Revenue) Average EBITDA (after royalties)	Mt Mt US\$/t US\$/t US\$/t US\$/t	0.2 18.2 56 77 82 (5)	0.1 17.7 66 127 93 34	- 18.9 71 215 119 96	<b>19.6</b> 72 148 101 47	<b>20</b> .9 69 119 89 30
Greenbrier Total Mining cost per tonne sold Average revenue Average cost (EBITDA less Revenue) Average EBITDA (after royalties)	Mt Mt US\$/t US\$/t US\$/t	0.2 18.2 56 77 82	0.1 <b>17.7</b> <b>66</b> 127 93	- 18.9 71 215 119	- <b>19.6</b> 72 148 101	<b>20</b> .9 69 119 89 30
Greenbrier Total Mining cost per tonne sold Average revenue Average cost (EBITDA less Revenue) Average EBITDA (after royalties) Met coal proportion	Mt Mt US\$/t US\$/t US\$/t US\$/t	0.2 18.2 56 77 82 (5)	0.1 17.7 66 127 93 34	- 18.9 71 215 119 96	<b>19.6</b> 72 148 101 47	20. 6 11 8 3
Greenbrier Total Mining cost per tonne sold Average revenue Average EBITDA (after royalties) Met coal proportion VALUATION	Mt Mt US\$/t US\$/t US\$/t US\$/t	0.2 18.2 56 77 82 (5)	0.1 17.7 66 127 93 34	- 18.9 71 215 119 96	<b>19.6</b> 72 148 101 47	20. 6 11 8 3
Greenbrier Total Mining cost per tonne sold Average revenue Average EBITDA (after royalties) Met coal proportion VALUATION	Mt Mt US\$/t US\$/t US\$/t US\$/t	0.2 18.2 56 77 82 (5)	0.1 17.7 66 127 93 34	- 18.9 71 215 119 96	<b>19.6</b> 72 148 101 47	20. 6 11 8 3
Greenbrier Total Mining cost per tonne sold Average revenue Average cost (EBITDA less Revenue) Average EBITDA (after royalties) Met coal proportion	Mt Mt US\$/t US\$/t US\$/t US\$/t	0.2 18.2 56 77 82 (5)	0.1 17.7 66 127 93 34	- 18.9 71 215 119 96	<b>19.6</b> 72 148 101 47	<b>20</b> .9 69 119 89 30
Greenbrier Total Mining cost per tonne sold Average revenue Average cost (EBITDA less Revenue) Average EBITDA (after royalties) Met coal proportion VALUATION Issued capital	Mt Mt US\$/t US\$/t US\$/t US\$/t % Unit	0.2 18.2 56 77 82 (5) 78%	0.1 17.7 66 127 93 34	- 18.9 71 215 119 96	<b>19.6</b> 72 148 101 47	<b>20.</b> 6 11 8
Greenbrier Total Mining cost per tonne sold Average revenue Average cost (EBITDA less Revenue) Average EBITDA (after royalties) Met coal proportion VALUATION Issued capital Shares on issue Options assumed	Mt Mt US\$/t US\$/t US\$/t US\$/t M Unit m	0.2 <b>18.2</b> <b>56</b> 77 82 (5) 78% 1,676	0.1 17.7 66 127 93 34	- 18.9 71 215 119 96	<b>19.6</b> 72 148 101 47	<b>20</b> .9 69 119 89 30
Greenbrier Total Mining cost per tonne sold Average cost (EBITDA less Revenue) Average EBITDA (after royalties) Met coal proportion VALUATION Issued capital Shares on issue	Mt Mt US\$/t US\$/t US\$/t WS\$/t M M M	0.2 <b>18.2</b> <b>56</b> 77 82 (5) 78% 1,676 0 <b>1,676</b>	0.1 17.7 66 127 93 34	- 18.9 71 215 119 96 80%	<b>19.6</b> 72 148 101 47	20. 6 11 8 3
Greenbrier Total Mining cost per tonne sold Average revenue Average cost (EBITDA less Revenue) Average EBITDA (after royalties) Met coal proportion VALUATION Issued capital Shares on issue Options assumed Diluted shares	Mt Mt US\$/t US\$/t US\$/t 0 Unit m m Current	0.2 18.2 56 77 82 (5) 78% 1,676 0 1,676 +	0.1 17.7 66 127 93 34 79% 12 months	18.9 71 215 119 96 80%	19.6 72 148 101 47 80%	20. 6 11 8 3 80%
Greenbrier Total Mining cost per tonne sold Average revenue Average cost (EBITDA less Revenue) Average EBITDA (after royalties) Met coal proportion VALUATION Issued capital Shares on issue Options assumed Diluted shares NPV (Discount rate 13%, real)	Mt Mt US\$/t US\$/t US\$/t US\$/t Us\$/t Us\$/t Current A\$m	0.2 18.2 56 77 82 (5) 78% 1,676 0 1,676 45/sh	0.1 17.7 66 127 93 34 79% 12 months A\$m	18.9 71 215 119 96 80%	19.6 72 148 101 47 80% + 24 months A\$m	20. 6 11 8 3 80%
Greenbrier Total Mining cost per tonne sold Average revenue Average cost (EBITDA less Revenue) Average EBITDA (after royalties) Met coal proportion VALUATION Issued capital Shares on issue Options assumed Diluted shares NPV (Discount rate 13%, real) Curragh	Mt Mt US\$/t US\$/t US\$/t US\$/t 0 M M M M M M Current A\$m 2,380	0.2 18.2 56 77 82 (5) 78% 1,676 0 1,676 0 1,676 4 4 5 4 5 5 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 7 8 7 8 7 8 7 8 8 7 7 8 7 8 8 7 7 8 8 7 8 7 8 7 8 8 7 8 8 7 8 8 7 8 7 8 7 8 8 7 8 8 7 8 8 7 8 8 8 8 7 8 8 7 8 8 8 7 8 8 8 7 8 8 8 7 8 8 8 7 8 7 8 8 8 7 8 8 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8	0.1 17.7 66 127 93 34 79% 12 months Aşm 1,921	- 18.9 71 215 119 96 80% 	+ 24 months A\$m 1,904	20. 6 111 8 3 809 809
Greenbrier Total Mining cost per tonne sold Average revenue Average EBITDA (after royalties) Met coal proportion VALUATION Issued capital Shares on issue Options assumed Diluted shares NPV (Discount rate 13%, real) Curragh Buchanan & Logan	Mt Mt US\$/t US\$/t US\$/t US\$/t 0 Unit m m Current A\$m 2,380 2,151	0.2 18.2 56 77 82 (5) 78% 1,676 0 1,676 4,676 1,42 1.28	0.1 17.7 66 127 93 34 79% 12 months A\$m 1,921 1,386	- 18.9 71 215 119 96 80% 	+ 24 months A\$m 1,904 952	20. 6 11 8 3 809 4 \$/s
Greenbrier Total Mining cost per tonne sold Average revenue Average cost (EBITDA less Revenue) Met coal proportion VALUATION Issued capital Shares on issue Options assumed Diluted shares NPV (Discount rate 13%, real) Curragh Buchanan & Logan Corporate & other	Mt Mt US\$/t US\$/t US\$/t US\$/t 0% Unit m m Current A\$m 2,380 2,151 (243)	0.2 18.2 56 56 78% 1,676 0 1,676 4 4 5 5 78% 1,676 1,42 1,28 (0.15)	0.1 17.7 66 127 93 34 79% • 12 months A\$m 1,921 1,386 (239)	- 18.9 71 215 119 96 80% 80% 	+ 24 months A\$m 1,904 952 (234)	20. 6 111 8 3 3 809 6 6 6 7 7 6 7 7 8 9 7 7 7 8 9 7 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 8 9
Greenbrier Total Mining cost per tonne sold Average cost (EBITDA less Revenue) Average cost (EBITDA less Revenue) Average EBITDA (after royalties) Met coal proportion VALUATION Issued capital Shares on issue Options assumed Diluted shares NPV (Discount rate 13%, real) Curragh Buchanan & Logan Corporate & other Total	Mt Mt US\$/t US\$/t US\$/t US\$/t Us\$/t Us\$/t Us\$/t Us\$/t Current A\$m 2,380 2,151 (243) 4,288	0.2 18.2 56 77 82 (5) 78% 1,676 0 1,676 0 1,676 1,427 1.42 1.28 (0.15) 2.56	0.1 17.7 66 127 93 34 79% 198 34 79% 1,921 1,921 1,921 1,921 1,921 1,921 3,067	- 18.9 71 215 119 96 80% 80% 	+ 24 months A\$m 1,904 952 (234) 2,621	20. 6 111 8 3 809 A\$/sl 1.1 0.5 (0.14 1.5
Greenbrier Total Mining cost per tonne sold Average revenue Average cost (EBITDA less Revenue) Average EBITDA (after royalties) Met coal proportion VALUATION Issued capital Shares on issue Options assumed Diluted shares	Mt Mt US\$/t US\$/t US\$/t US\$/t 0% Unit m m Current A\$m 2,380 2,151 (243)	0.2 18.2 56 56 78% 1,676 0 1,676 4 4 5 5 78% 1,676 1,42 1,28 (0.15)	0.1 17.7 66 127 93 34 79% • 12 months A\$m 1,921 1,386 (239)	- 18.9 71 215 119 96 80% 80% 	+ 24 months A\$m 1,904 952 (234)	<b>20</b> .9 69 119 89 30

Greenbrier Total operating (100%) Total operating (equity) Other (equity)

 Total (equity)
 Mt

 SOURCE: BELL POTTER SECURITIES ESTIMATES

Mt Mt

Mt Mt

100%

89 1,**345** 

1,345 1,345 969

2,314

92 1,**520** 

**1,520 1,520** 1,006

2,526

28 **481** E

481 230 711

#### **Recommendation structure**

Buy: Expect >15% total return on a 12 month view. For stocks regarded as 'Speculative' a return of >30% is expected.

**Hold:** Expect total return between -5% and 15% on a 12 month view

Sell: Expect <-5% total return on a 12 month view

Speculative Investments are either start-up enterprises with nil or only prospective operations or recently commenced operations with only forecast cash flows, or companies that have commenced operations or have been in operation for some time but have only forecast cash flows and/or a stressed balance sheet.

Such investments may carry an exceptionally high level of capital risk and volatility of returns.

### **Research Team**

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