

9 February 2018

Austal Limited (ASB)

Holding pattern

We re-instate coverage of ASB given a change in Analyst responsibilities. Following the award in Nov-17 of part of the OPV construction contract, the market awaits more detail on how this project will be undertaken; who gets what roles, how losses are shared and how learnings are applied across the consortium. We take a prudent view in our modelling and assume that ASB will share the construction role (50:50) with Civmec. With an update due this month, some clarity is coming; however, caution that it may not be until construction is underway that ambiguity disappears, and for ASB this is now 2H20. Attention now will no doubt turn to the Future Frigate programme (mid-2018), and ASB's ability to win part of this work as a sub-contractor. We remain cautious for now factoring no award of work, as the tender process covers an international field, and ASB will work in a supporting role, teaming with ASC. Nonetheless, with throughput improving at the Henderson site, any incremental work here should drop through at higher implied margins, given scale efficiencies and any award would be upside to our forecasts and therefore valuation. While the Commercial (ferry) business and a more supportive Australian defence budget position are supportive, the overhang of uncertainty around these key projects could see the share price remain range bound for now, in our view. Due to changes in forecasting (largely for OPV), our DCF derived TP falls 5c to \$1.80.

Changes to forecasts

- We remove build of OPV 1 and 2 from our modelling.
- We assume that ASB and Civmec share the build (50:50). We make no changes to margin estimates across the OPV project, at this stage.
- We reduce working capital ramp-up and capex to reflect delayed start to the project from our previous modelling assumptions.

Hold maintained, TP \$1.80 (from \$1.85)

- Due to the changes we outline above, and rolling forward our DCF by 1yr (Dec-18), our target price falls -5c to \$1.80.
- With the share price currently broadly in line with our current price target, we maintain a Hold recommendation.
- Our valuation is based on WACC of 10% and LT growth of 3%, which all remain unchanged.

HOLD Share Price: A\$1.78

Target Price: A\$1.80

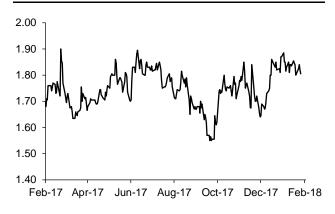
Company Data

Shares – ordinary (M)	350.5
Dilution (M)	0
Total (fully diluted) (M)	350.5
Market capitalisation (\$M)	622.1
12 month low/high (\$)	1.45 / 1.90
Average monthly turnover (\$M)	30.0
Index	All Ordinaries
GICS Industry	Capital Goods

Financial Summary (fully diluted/normalised)

	, ,		,		
Year end June	FY16A	FY17A	FY18F	FY19F	FY20F
Revenue (\$M)	1321.8	1310.1	1403.5	1233.0	1079.9
Costs (\$M)	(1,273.9)	(1,219.9)	(1,307.6)	(1,137.8)	(992.1)
EBITDA (\$M)	47.9	90.2	95.8	95.3	87.8
NPAT (\$M)	7.9	32.7	38.9	35.7	30.4
EPS (¢ps)	2.3	9.3	11.1	10.2	8.7
EPS Growth (%)	n/a	311.7%	18.9%	-8.1%	-14.9%
PER (x)	78.3	19.0	16.0	17.4	20.5
Free Cashflow (\$M)	(29.7)	(79.0)	21.9	39.7	45.1
FCFPS (¢ps)	(8.5)	(22.6)	6.2	11.3	12.9
PFCFPS (x)	nm	nm	28.5	15.7	13.8
Enterprise Value (\$M)	570.4	668.0	646.1	606.4	561.3
EV / EBITDA (x)	11.9	7.4	6.7	6.4	6.4
Payout ratio (%)	175.5	42.7	36.0	39.2	46.1
Dividends (¢ps)	4.0	4.0	4.0	4.0	4.0
Yield (%)	2.3	2.3	2.3	2.3	2.3

ASB - performance over one year



Disclosure and Disclaimer

This report must be read with the disclosure and disclaimer on the final page of this document.



Analysis

Source: Petra Capital

Austal Limited													
Year end 30 June													
MARKET DATA							12-MONTH RELATIVE SHARE PRICE	E PERFO	RMANCE				
Recommendation						HOLD	2.00 ¬						
Price	\$					1.78	1.90						
Price target (12-month)	\$					1.80	1.80 - ما ل حامه	4000	٧٠٨			M	m
52 week high / low	\$				1.	45 - 1.91	1.70	J	$\Lambda\Lambda\Lambda$	ام .	₩Ŋ	٦,	
Market capitalisation (fully diluted)	\$m					622.1	1.70		r	~~\ \ \	•	W	
Shares on issue (basic)	no.					350.5	1.00			Ų,			
Options / rights	no.					0.0	1.50 -						
Other equity	no.					0.0	1.40					·	
Shares on issue (diluted)	no.					350.5	Feb-17 Apr-17 Jun-	-17	Aug-17	Oct-17	De	c-17	
INVESTMENT FUNDAMENTALS		FY16A	FY17A	FY18F	FY19F	FY20F	PROFIT AND LOSS		FY16A	FY17A	FY18F	FY19F	FY20F
Reported NPAT	\$m	(101.3)	15.3	38.9	35.7	30.4	Total revenue	\$m	1,321.8	1,310.1	1,403.5	1,233.0	1,079.9
NPAT normalised	\$m	7.9	32.7	38.9	35.7	30.4	Costs (COGS & opex)	\$m	(1,273.9)	(1,219.9)	(1,307.6) ((1,137.8)	(992.1)
							EBITDA	\$m	47.9	90.2	95.8	95.3	87.8
Reported EPS (undiluted)	¢	(28.9)	4.4	11.1	10.2	8.7	Depreciation & amortisation	\$m	(29.9)	(31.5)	(33.0)	(33.8)	(34.8)
EPS normalised (undiluted)	¢	2.3	9.3	11.1	10.2	8.7	EBIT	\$m	18.0	58.7	62.9	61.5	53.0
Growth	%	n/a	312%	19%	(8%)	-15%	Net interest	\$m	(5.5)	(5.7)	(6.9)	(6.5)	(6.2)
PER normalised/undiluted	X	78.3	19.0	16.0	17.4	20.5	Non-operating income	\$m	0.0	0.0	0.0	0.0	0.0
1 ER Hormansca/arianatea	^	70.0	17.0	10.0	17.1	20.0	Pretax Profit	\$m	12.5	53.0	56.0	55.0	46.8
Operating cash flow per share	¢	0.0	(10.8)	22.2	21.5	19.7	Tax expense	\$m	(4.5)	(20.3)	(17.1)	(19.2)	(16.4)
Free cash flow per share	¢	(8.5)	(22.6)	6.2	11.3	12.9	Minorities	\$m	0.0	0.0	0.0	0.0	
											38.9	35.7	30.4
Price to free cash flow per share	χ	nm	nm	28.5	15.7	13.8	Operating NPAT	\$m	7.9	32.7			
FCF yield	%	(4.8%)	(12.7%)	3.5%	6.4%	7.2%	Significant items	\$m	(109.2)	(17.4)	0.0	0.0	0.0
							Reported NPAT	\$m	(101.3)	15.3	38.9	35.7	30.4
Dividend	¢	4.0	4.0	4.0	4.0	4.0							
Payout	%	175.5	42.7	36.0	39.2	46.1	GROWTH PROFILE		FY16A	FY17A	FY18F	FY19F	FY20F
Yield	%	2.3	2.3	2.3	2.3	2.3	Operating revenue	%	n/a	(0.9)	7.1	(12.1)	(12.4)
Franking	%	100.0	100.0	100.0	100.0	100.0	EBITDA	%	n/a	(4.2)	7.2	(13.0)	(12.8)
							EBIT	%	n/a	226.2	7.1	(2.2)	(13.8)
Enterprise value	\$m	570.4	668.0	646.1	606.4	561.3	Operating NPAT	%	n/a	311.7	18.9	(8.1)	(14.9)
EV/EBITDA	Х	11.9	7.4	6.7	6.4	6.4	Normalised EPS	%	n/a	311.7	18.9	(8.1)	(14.9)
EV/EBIT	Х	31.7	11.4	10.3	9.9	10.6	DPS	%	n/a	0.0	0.0	0.0	0.0
Price to book (NAV)	Х	1.4	1.4	1.3	1.2	1.2							
Price to NTA	Х	1.5	1.5	1.4	1.3	1.3	BALANCE SHEET		FY16A	FY17A	FY18F	FY19F	FY20F
KEY RATIOS		FY16A	FY17A	FY18F	FY19F	FY20F	Cash/(overdraft)	\$m	224.3	150.5	172.3	212.1	257.1
EBITDA margin	%	3.6%	6.9%	6.8%	7.7%	8.1%	Receivables	\$m	128.3	100.4	107.6	94.5	82.8
EBIT margin	%	1.4%	4.5%	4.5%	5.0%	4.9%	Inventory	\$m	109.0	170.4	168.4	148.0	129.6
NPAT margin	%	0.6%	2.5%	2.8%	2.9%	2.8%	Other	\$m	8.5	10.4	10.4	10.4	10.4
ROE	%	1.7%	7.2%	8.1%	7.1%	5.8%	Current	\$m	470.1	431.7	458.7	464.9	479.9
ROA	%	1.8%	6.1%	6.3%	6.2%	5.3%	Prop, plant & equip	\$m	490.8	500.3	511.4	506.5	489.3
Net tangible assets per share	¢	2.8	2.7	2.8	2.8	2.8	Other	\$m	52.2	28.0	26.0	26.2	26.7
Net debt /(cash)	\$m	(51.7)	45.9	24.0	(15.7)	(60.8)	Non current	\$m	543.0	528.3	537.5	532.6	516.0
Interest cover (EBIT / net interest)	Х	(3.3)	(10.3)	(9.1)	(9.5)	(8.5)	Total assets	\$m	1,013.1	960.0	996.2	997.6	995.9
Gearing (net debt / EBITDA)	Х	nm	0.5	0.3	nm	nm	Accounts Payable	\$m	229.8	154.9	166.0	145.8	127.7
Leverage (net debt / (net debt + equity)	Х	nm	0.1	0.0	nm	nm	Borrowings	\$m	172.6	196.4	196.4	196.4	196.4
							Other	\$m	153.2	151.8	152.0	151.9	151.9
DUPONT ANALYSIS		FY16A	FY17A	FY18F	FY19F	FY20F	Total liabilities	\$m	555.6	503.1	514.3	494.0	475.9
Net Profit Margin	%	0.6	2.5	2.8	2.9	2.8	Net assets	\$m	457.6	456.9	481.8	503.6	519.9
Asset Turnover	Х	1	1.4	1.4	1.2	1.1	Equity	\$m	114.7	116.4	116.4	116.4	116.4
Return on Assets	%	1	3.4	3.9	3.6	3.1	Retained earnings/other	\$m	342.8	340.5	365.5	387.2	403.6
Financial Leverage	Х	2.2	2.1	2.1	2.0	1.9	Shareholder's equity	\$m	457.6	456.9	481.8	503.6	520.0
Return on Equity	%	2	7.2	8.1	7.1	5.8							
							CASH FLOW		FY16A	FY17A	FY18F	FY19F	FY20F
INTERIM SUMMARY			1H17A	2H17A	1H18F	2H18F	EBITDA	\$m	47.9	90.2	95.8	95.3	87.8
Total revenue	\$M		649.2	660.9	625.8	777.7	Change in provisions	\$m	0.0	0.0	0.0	0.0	0.0
Operating expenses	\$M		(602.7)	(620.0)	(585.3)	(722.3)	Change in working capital	\$m	213.0	(108.4)	5.9	13.4	12.0
EBITDA	\$M		46.5	40.9	40.5	55.3	Net interest	\$m	(4.0)	(3.5)	(6.9)	(6.5)	(6.2)
Depreciation & amortisation	\$M		(15.3)	(16.5)	(16.5)	(16.5)	Tax paid	\$m	(4.8)	12.2	(17.1)	(26.9)	(24.5)
EBIT	\$M		31.2	24.4	24.0	38.8	Other	\$m	(252.0)	(28.4)	0.0	0.0	0.0
Net interest	\$M		(3.0)	(3.2)	(3.4)	(3.5)	Operating cash flow	\$m	0.0	(37.9)	77.8	75.2	69.1
Pretax profit	\$M		28.1	21.2	20.6	35.3	Stay in business capital expenditure	\$m	(12.8)	(9.2)	(41.9)	(21.5)	(10.0)
Tax expense	\$M		(9.5)	(14.6)	(7.4)	33.3 (9.7)	Acquisitions/divestment/other	\$III	(12.6)	(44.3)	0.0	0.0	0.0
Minorities/preference dividend	\$M		0.0	0.0	0.0	0.0	Investing cash flow	\$m	(25.0)	(53.5)	(41.9)	(21.5)	(10.0)
•	\$M												0.0
Operating NPAT			18.6	6.6	13.3	25.6	Equity	\$m	0.0	0.0	0.0	0.0	
Significant items	\$M		(9.3)	(8.1)	0.0	0.0	Increase / (decrease) in borrowings	\$m	11.1	24.6	(14.0)	(14.0)	(14.0)
Reported NPAT	\$M		9.3	(1.5)	13.3	25.6	Dividend/other	\$m	(15.8)	(12.3)	(14.0)	(14.0)	(14.0)
Reported EPS (diluted)	Ø		2.7	(0.4)	3.8	7.3	Financing cash flow	\$m	(4.7)	12.4	(14.0)	(14.0)	(14.0)
Normalised EPS	g		5.3	1.9	3.8	7.3	Free cash flow	\$m	(29.7)	(79.0)	21.9	39.7	45.1
	_										_	_	

2



Uncertainty to overhang for now

Our investment view reflects the following assumptions:

- Littoral Combat Ship (LCS) construction no. 3 − 12, to be shared (50:50) with co-contractor, Civmec (note: this assumption is likely to change however for simplicity sake we assume an equal share, pending further updates).
- The Offshore Patrol Vessel (OPV) Program is secured by ASB this calendar year, at a construction contract value of c.A\$1B.
- That ASB is not successful in securing a construction role on the Future Frigate program.
- That ASB secures an incremental c.A\$65M pa in Commercial construction work through FY23.

For investors, we expect the share price to remain range bound until more clarity is provided on both the OPV project and Future Frigate. We remain on Hold as a result, with our target price falling 5c to \$1.80 (as discussed below).

Three's a crowd; but not a fiasco

While the details of the offshore Patrol Vessel (OPV) contract (awarded Nov-17) remain to be negotiated between the winning designer Lusenne, and co-contractors, it is the fact that these remain outstanding and are now subject to internal bidding tensions between joint construction partners Australian Submarine Corporation (ASC), ASB and Civmec that cause us some concern over future margin potential form this specific project.

The project is complex, but further complicated by the fact there are three builders across two shipyards; ASC will construct the first two vessels in Adelaide while ASB and Civmec will construct vessels 3-12 in WA. The share price reaction following the announcement suggests that the market is unsure of how interpret the impacts of the multi-faceted construction approach; this is likely to remain until we have more certainty.

Contract details expected mid-February

The Defence Department ("Defence") has stated that OPV negotiations will be completed by mid-February at the latest. This is a tight timeframe in our view. A great deal of the work issued by Defence (generally) is fixed price, and there is much to be negotiated over who takes what work, how that is priced, how losses are divided amongst the parties, and importantly, how 'learnings' from project implementation are shared in order to improve construction timeframes and build quality.

The first OPV is due to be delivered in H120. ASC (contractor for the first two vessels in Adelaide) will need to start work almost straight away to hit this deadline and this in itself adds a further layer of risk. While specific details of how the project partnership will work, it is difficult for us to capture and value the upside at this stage. We think this can cap the upside for now.

Henderson utilisation increase over a long period is key for future group profitability

Nonetheless, what does give us greater optimism, is that the facilities at the Henderson shipyard will move to over 50% utilised as a result, with the long duration OPV programme underpinning activity on the site for over 15 years. One benefit that should not be overlooked is to future project wins, as the higher utilisation of the yards will create greater scale efficiencies, allocating fixed costs amongst greater projects.

Thus, any future project awards should, in theory, drop through at higher margins and profitability. This is potentially of greater benefit than the OPV project taken in isolation and should not be overlooked by investors.



Next catalyst: Future Frigate (mid 2018)

Post H118 results, attention will likely turn towards the Future Frigate programme, with a winner to be announced mid-2018. In our view, timely construction of the Future Frigate programme could require Government to contemplate a modularised construction approach with a shared workload across more than one builder. Should ASB be selected as a sub-contractor, we also caution that the quantum of work outsourced may not need to be significant. This may especially be the case if an international prime contractor is selected.

Government programme to underpin defence exports is a positive step

The Australian Government recently (29/1) committed to the formation of a \$3.8bn fund to support defence industry exports. This fills a funding gap where domestic defence contractors have been unable to obtain (private sector) funding. Investment into defence companies, jobs and promoting a highly skilled, local defence industry workforce will be key to promoting Australia as an exporter of defence technology (currently 20th, but seeking to push into the top 10). This comes in addition to Government budget policy to increase defence spending by an additional \$30bn in the five years to 2021. It is the investment in improved supply chain and domestic staffing which would be of greatest benefit to Austal in the coming years, in our view, ensuring ongoing availability of a skilled workforce.

Nonetheless, we are also aware that political decisions can, and do change very quickly, while priorities and budget decisions may change if there is a change in Government.

It's not all about defence

The Commercial Ferry business has continued to gain traction, recently (28/12) being awarded another contract for a \$30m vessel. In the past 12 months, the company has added 8 vessels worth \$380m in contracted revenue. This will be an important area for ASB moving forward, given its positive mix effect on group EBIT margins. We believe Management will be more active here looking ahead.

Changes to forecasts

Broadly, we make the following changes to our forecasts:

- We had originally factored in a win for the entire OPV project. We now remove OPV 1 and 2 from our modelling, with start date for OPV 3 now H220.
- We split the OPV revenues 50:50 with co-contractor Civmec (i.e. c\$42m per vessel). We stress that at this stage, this is our view and Management may update the market otherwise.
- We make no changes to margins over the life of the OPV project. Longer term, the upside margin
 potential may be tempered by the co-contractor relationship. We stress that at this stage, this is
 our view and Management may update the market otherwise.
- We moderate the capex and working capital assumptions for the project, delaying the ramp up until FY19, but also reducing capex in light of Management's comments that the Australian Government will provide the bulk of capital expenditures required to complete the project.

Figure 1: Changes to forecasts, FY18 - 20F

		FY18F			FY19F			FY20F	
	Old	New	% chg	Old	New	% chg	Old	New	% chg
Revenue	1415.9	1,403.5	(0.9)	1,303.9	1,233.0	(5.4)	1,157.0	1,079.9	(6.7)
EBITDA	97.1	95.8	(1.3)	102.8	95.3	(7.3)	96.3	87.8	(8.8)
EBIT	64.1	62.9	(1.9)	69.0	61.5	(10.9)	61.5	53.0	(13.8)
NPAT (reported)	40.1	38.9	(3.0)	40.6	35.7	(12.1)	35.9	30.4	(15.3)
EPS (underlying)	11.5	11.1	(3.2)	11.6	10.2	(12.3)	10.3	8.7	(15.6)
EPS (reported)	11.5	11.1	(3.2)	11.6	10.2	(12.3)	10.3	8.7	(15.6)
DPS	4	4.0	0.0	4.0	4.0	0.0	4.0	4.0	0.0

Source: Petra Capital estimates



Valuation: DCF based price target falls 5c to \$1.80

As a result of forecast changes and the roll forward our DCF, our DCF derived PT falls 5c to \$1.80.

Figure 2: DCF calculations FY18F - FY25F (A\$m)

	FY18F	FY19F	FY20F	FY21F	FY22F	FY23F	FY24F	FY25F
EBIT	62.9	61.5	53.0	46.4	34.6	28.2	18.5	18.8
Tax at standard rate	(17.1)	(19.2)	(16.4)	(14.2)	(10.3)	(8.2)	(4.6)	(4.7)
Post-tax EBIT	45.8	42.2	36.6	32.2	24.4	20.1	13.9	14.1
D&A	(33.0)	(33.8)	(34.8)	(34.8)	(34.8)	(34.8)	(34.8)	(34.8)
Post-tax cash flow	78.8	76.0	71.4	67.0	59.2	54.9	48.7	48.9
Less capex	(41.9)	(21.5)	(10.0)	(7.3)	(5.0)	(4.1)	(3.2)	(3.1)
Less working capital	5.9	13.4	12.0	23.3	19.6	7.3	8.3	0.4
Provisions/other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Acquisitions/disposals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Free cash flow	42.7	67.9	73.4	82.9	73.8	58.0	53.8	46.2
Discount coefficient	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4
Discounted cash flow	41.1	59.4	58.3	59.9	48.4	34.7	29.2	22.8
Sum of discount streams	394.4		CAPM					
Terminal growth	3.0%		Risk free rat	e		5.25%		
Future value into perpetuity	693.4		Equity beta			1.25		
NPV of terminal value	282.8		Equity risk p	remium		6.00%		
PV of cash flows	677.1					12.8%		
			WACC					
PLUS: Value of investments	0.0		Debt			30%		
PLUS: Value of tax losses	0.0		Equity			70%		
LESS: Minority interests	0.0		Interest rate			5.0%		
LESS: Net debt	(45.9)		Tax rate			30%		
Equity value	631.3					10.0%		
Ordinary shares	350.5							
Value per share (A\$)	1.80							

Source: Petra Capital estimates



Petra Capital

Level 17, 14 Martin Place, Sydney NSW 2000

ABN 95 110 952 782 ACN 110 952 782 AFSL 317 944

Director:	George Marias	+61 (0)2 9239 9601	gmarias@petracapital.com.au
Research (Industrials):	Killian Murphy	+61 (0)2 9239 9607	kmurphy@petracapital.com.au
Research (Industrials):	Daniel Porter	+61 (0)2 9239 9625	dporter@petracapital.com.au
Research (Industrials):	James Lennon	+61 (0)2 9239 9618	jlennon@petracapital.com.au
Research (Property):	Jonathan Kriska	+61 (0)2 9239 9633	jkriska@petracapital.com.au
Research (Resources):	Brett McKay	+61 (0)2 9239 9605	bmckay@petracapital.com.au
Research (Resources):	Matthew Schembri	+61 (0)2 9239 9630	mschembri@petracapital.com.au
Research (Resources):	Craig Brown	+61 (0)2 9239 9629	cbrown@petracapital.com.au
Sales:	Frank Barila	+61 (0)2 9239 9603	fbarila@petracapital.com.au
Sales:	Neil Watson	+61 (0)2 9239 9602	nwatson@petracapital.com.au
Sales:	Vincent Pisani	+61 (0)2 9239 9617	vpisani@petracapital.com.au
Sales:	Peter Veldhuizen	+61 (0)2 9239 9609	pveldhuizen@petracapital.com.au
Sales:	Colin Redmond	+61 (0)2 9239 9613	credmond@petracapital.com.au
Sales:	Vince Barila	+61 (0)2 9239 9627	vbarila@petracapital.com.au
Sales:	Iain Gow	+61 (0)2 9239 9608	igow@petracapital.com.au
Sales:	Richard Macphillamy	+61 (0)2 9239 9604	rmacphillamy@petracapital.com.au
Corporate (ECM):	Conrad Anderson	+61 (0)2 9239 9610	canderson@petracapital.com.au
Administration:	Krystle Garven	+61 (0)2 9239 9635	kgarven@petracapital.com.au
Administration:	Samantha Tingley	+61 (0)2 9239 9636	stingley@petracapital.com.au
Administration:	Silvia Fratta Pasini	+61 (0)2 9239 9621	spasini@petracapital.com.au
Administration:	Larissa Falvo	+61 (0)2 9239 9611	lfalvo@petracapital.com.au
Legal & Compliance:	Stephen Newton	+61 (0)2 9239 9612	snewton@petracapital.com.au
Financials:	Tony Christelis	+61 (0)2 9239 9615	tchristelis@petracapital.com.au

Disclosure

This document has been prepared in Australia by Petra Capital Pty Ltd which holds an Australian Financial Services License AFSL 317 944. Petra Capital Pty Ltd is an ASX Market Participant. Petra Capital Pty Ltd and its associates, officers, directors, employees and agents, from time to time, may receive brokerage, commissions, fees or other benefits or advantages, hold securities in companies researched by Petra Capital Pty Ltd and may trade in these securities either as principal or agent.

The information or advice contained in this report has been obtained from sources that were accurate at the time of issue, however the information has not been independently verified and as such, Petra Capital Pty Ltd cannot warrant its accuracy or reliability. Persons relying on this information do so at their own risk. To the extent permitted by law, Petra Capital Pty Ltd disclaims all liability or responsibility for any direct or indirect loss or damage (including consequential loss or damage) caused by any error or omission within this report, or by persons relying on the contents of this report.

This report is published by Petra Capital Pty Ltd by way of general information or advice only. This report does not take into account specific investment needs or other considerations that may be pertinent to individual investors. Before making any investment decisions based on this report, parties should consider, with or without an investor adviser, whether any relevant part of this report is appropriate to their financial circumstances and investment objectives. Petra Capital Pty Ltd is a licensed institutional/wholesale stockbroking firm. The report is only intended for institutional and sophisticated clients to whom Petra Capital Pty Ltd has issued the report. Petra Capital Pty Ltd is not licensed to advise retail investors – retail investors should contact their own stockbroker or financial adviser/planner for advice.

Information regarding the scope and expertise of our research services, processes for selection for coverage, and the management of conflicts of

interest can be found on Petra Capital's website at www.petracapital.com.au/research-disclosures.

Petra Capital uses the following ratings system and definitions: Buy - Forecast to outperform the Market by more than 5%; Hold - Forecast to perform up to 5% above or below the Market; Sell - Forecast to underperform the Market by more than 5%; Speculative Buy - Speculative Investment; Take Profits Recommend taking short term profits in a stock we remain fundamentally positive on a medium term view; Accept Offer - For a company under takeover where we see the offer as a fair price with low risk of a competing offer; No Rating - No rating at this time. Market performance is relative to the S&P/ASX Small Ordinaries Index which we assume generates a neutral return on a 12 month basis.

This material is intended for use by major U.S. institutional investors (as such term is defined in the U.S. Securities Exchange Act of 1934) and "\$100 million investors" only and not the general investing public or retail customers. "\$100 million investors" means any entity, including any investment adviser (whether or not registered under the U.S. Investment Company Act of 1940) that owns or controls (or in the case on an investment adviser has under management) in excess of US\$100 million in aggregate financial assets (i.e. cash, money-market instruments, securities of unaffiliated issues, futures and options on futures and other derivative instruments). Transactions by or on behalf of any US person in any security mentioned in this document may only be effected through Global Alliance Securities, LLC ("Global Alliance"), a U.S. broker dealer. The information upon which this material is based was obtained from sources believed to be reliable, but has not been independently verified. Therefore, its accuracy is not guaranteed. Additional and supporting information is available upon request. This is not an offer or solicitation of an offer to buy or sell any security or to make any investment. Any opinion or estimate constitutes the preparer's best judgement as of the date of preparation and is subject to change without notice. Petra Capital Pty Ltd or Global Alliance and their associates or affiliates, and their respective officers, directors and employees may buy or sell securities mentioned herein as agent or principal for their own account.

Other International

International investors are encouraged to contact their local regulatory authorities to determine whether restrictions apply in buying/selling this investment.