Weekly Informer

30th August 2018



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The Weekly Informer is Euroz Securities' weekly research clearing document. It includes research notes on stocks within the coverage universe published during the preceding week. The Weekly Informer is published mid-week.

Research Analysts

Resources

Jon Bishop +61 8 9488 1481 jbishop@euroz.com Andrew Clayton +61 8 9488 1427 aclayton@euroz.com Michael Emery +61 8 9488 1430 memery@euroz.com

Industrials

Gavin Allen +61 8 9488 1413 gallen@euroz.com **Ben Laird** +61 8 9488 1429 blaird@euroz.com Jerome Paz +61 8 9488 1414 jpaz@euroz.com

Level 18, Alluvion 58 Mounts Bay Road Perth 6000 Western Australia PO Box Z5036 St Georges Terrace Perth 6831 Western Australia T: +61 8 9488 1400 F: +61 8 9488 1477

euroz.com

Euroz Securities Limited Stockbrokers Participant of the ASX Group Authorised to provide financial services ACN 089 314 983 AFSL 243302

OM Holdings Ltd

(OMH \$1.355) Buy



Analyst

Date

Price Target

Michael Emery

24th August 2018

\$1.80/sh

June H'18 Result, PT increased

Investment case

OMH has delivered a stellar June H'18 performance, underpinned by higher tonnages of ores and alloys traded as well as continued robust manganese ore and ferroalloy prices. Half year NPAT of \$106m has facilitated the repayment of OMH's corporate-level debt of US\$39.3m during the half while growing cash to \$73m. We expect that the healthy margins generated at Sarawak will rapidly deleverage the project and see OMH's SP rewarded accordingly. Ongoing cash flow growth has seen the Board declare a \$0.03/sh dividend.

Key points

- Half year NPAT of \$106.4m eclipsed our forecast of \$74m, a significant improvement vs H1'17 NPAT of \$21.4m;
- EBITDA of \$174.5m for the H vs \$41.5m H1'17 and significantly higher than our \$147m expectation:
- Revenue for H1'18 was \$828m vs \$263.1m H1'17;
- Restructured loans extinguished in H1 (US\$39.3) 4 years ahead of 5 year schedule;
- Cash at 30 June 18 was \$73.2m, up from \$34m at Dec'17;
- Dividend of \$0.03/sh announced, pending shareholder approval;
- Ramping up of mining and smelting to full capacity during the H has facilitated the strong result and we expect this to continue moving forward.
- We increase our valuation to \$1.72/sh (prev. \$1.64/sh) and increase our PT to \$1.80/sh noting China's retreat from the FeSi export market and increased production levels across all operations.

Analysis

OMH has delivered a stellar June H'18 performance, underpinned by higher tonnages of ores and alloys traded together with continued robust manganese ore and ferroalloy prices.

Consistently strong and growing production, has delivered NPAT of \$106.4m for the half year, eclipsing our forecast of \$74m.

Cashflow from operations of \$98.4m has seen the Board seek shareholder approval to pay a \$0.03/sh dividend.

Despite the repayment of OMH's corporate-level debt of US\$39.3m during the half, cash grew to \$73.2m vs \$34.4m at December '17.

The Sarawak smelting complex is now fully operational with the commissioning of the 16th furnace during the half and is continuing to produce above nameplate. We expect that the healthy margins generated at Sarawak will rapidly deleverage OMH's balance sheet and see the SP rewarded accordingly.

After a retreat from recent highs, the Mn ore price has consolidated at our LT price (US\$5.8/dmtu FOB PE) and we see this as a sustainable level, given ongoing strong steel production. Ferroalloys prices also remain robust with China continuing to cut its export volumes.

With OMH delivering above expectation, we increase our PT to \$1.80/sh (prev. \$1.64/sh), viewing the strong half as an indicator of ongoing performance. China's retreat from the FeSi export market bodes well for the commodity price and we will continue to monitor prices closely, with potential Lt price upgrades.

OM Holdings Ltd	Year E	nd 31 December
Share Price	1.355	A\$/sh
Price Target	1.80	A\$/sh
Valuation	1.72	A\$/sh
Shares on issue	782	m, diluted *
Market Capitalisation	1025	A\$m
Enterprise Value	1458	A\$m
Debt	-497	A\$m
Cash	64	A\$m
Largest Shareholder	Hua	ang Gang - 12.10%

Sales F/Cast	2017a	2018f	2019f
Bootu Ck (100%) (kt)	656	764	840
Tshipi (13%) (kt)	407	454	454
OM Sarawak FeSi (75%) (k	(t) 182	217	217
OM Swk Mn Alloys (75%) ((kt) 160	245	245

2017a	2018f	2019f
6 CIF) 6.68	6.25	6.00
1300	1400	1450
1200	1200	1200
0.76	0.75	0.75
12.10	11.80	11.80
	6 CIF) 6.68 1300 1200 0.76	6 CIF) 6.68 6.25 1300 1400 1200 1200 0.76 0.75

FeSi US\$/t	1300	1400	1450
Mn Alloy US\$/t	1200	1200	1200
AUD:USD	0.76	0.75	0.75
ZAR:USD	12.10	11.80	11.80
Key Financials	2017a	2018f	2019f
Revenue (A\$m)	988	1510	1378
EBITDA (A\$m)	186	321	302
NPAT (A\$m)	91	197	187
Cashflow (A\$m)	11	234	110
Cashflow from Ops (\$n	n) 133	201	218
Cashflow per Share	17.0	25.7	27.9
Cashflow Ratio (x)	8.0	5.3	4.9
Total Assets/sh (\$ cent:	nts) 38.7	1.8	1.9
Net Asset Backing/sh (\$ ce		66.3	89.4
Basic Profit/(Loss)/sh (\$ cer		26.6	25.3
Enterprise Value (A\$m)	1215	1074	903
EV : EBITDA	6.5	3.3	3.0
EV : EBIT	8.5	3.9	3.6
Net Debt (\$m) Debt:EBITDA (x) Return on Equity (%) Return on Assets (%)	-481	-335	-165
	2.6	1.0	0.5
	0.3	0.4	0.3
	0.1	0.2	0.2

Share Price Chart



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OM Holdings Ltd

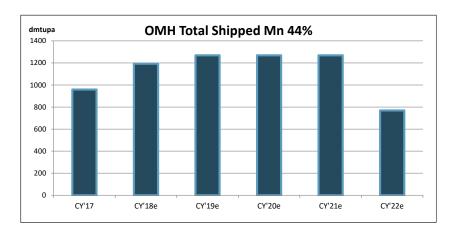
(OMH \$1.355) Buy



Key Variables

Val/	/ Sh		Mn Ore/dmtu								
	\$1.72	-40%	-30%	-20%	-10%	0%	10%	20%	30%	40%	
	30%	\$2.15	\$2.20	\$2.24	\$2.27	\$2.30	\$2.32	\$2.34	\$2.35	\$2.36	
	20%	\$1.95	\$2.01	\$2.05	\$2.08	\$2.10	\$2.13	\$2.14	\$2.16	\$2.17	
SD	10%	\$1.76	\$1.81	\$1.85	\$1.89	\$1.91	\$1.93	\$1.95	\$1.96	\$1.98	
ZAR:USD	0%	\$1.57	\$1.62	\$1.66	\$1.69	\$1.72	\$1.74	\$1.76	\$1.77	\$1.78	
ZA	-10%	\$1.37	\$1.43	\$1.47	\$1.50	\$1.53	\$1.55	\$1.56	\$1.58	\$1.59	
	-20%	\$1.18	\$1.23	\$1.28	\$1.31	\$1.33	\$1.35	\$1.37	\$1.39	\$1.40	
	-30%	\$0.99	\$1.04	\$1.08	\$1.11	\$1.14	\$1.16	\$1.18	\$1.19	\$1.21	

Euroz Forecast	CY'18	CY'19	CY'20	CY'21	CY'22	CY'23
ZAR:USD	11.8	11.8	11.8	11.8	11.8	11.8
Mn Ore 44% (US\$/dmtu)	6.25	6	6	6	6	6



Our Share Price Sensitivity



Our Market Sensitivity

Valuation - \$1.72/sh

Price Target - \$1.80/sh

Bull Scenario - \$2.00/sh

Manganese ore price remains buoyant at current highs and the ZAR drops 10% from forecast. Ferrosilicon and manganese alloy prices also remain at current prices for the foreseeable future.

Base Scenario - \$1.80/sh

OMH continues to achieve production at its assets per guidance and underlying commodity prices drop 10% from current elevated levels. This coupled with continued Chinese pro-green policies to shut down high emission smelters sees Sarawak's margins maintained and the Group using strong FCF to pay down debt.

Bear Scenario - \$0.90/sh

Significant strengthening of ZAR, coupled with lower underlying commodity prices leads to thinner margins and less overall trading revenue. Third parties reduce trading volumes through OMH. Pipeline projects do not eventuate and there is no growth in the Group.

Company Summary

OMH is a vertically integrated manganese player engaged in the mining, smelting, trading and marketing of manganese ore, manganese alloys and ferrosilicon. Recent buoyant ferrosilicon and manganese ore and alloy prices helped OMH generate Dec H'17 EBITDA of \$145m, allowing it to deleverage its Balance Sheet.

With long-term, low cost electricity secured at its flagship Sarawak smelter, OMH is a lowest cost quartile smelter operator, allowing it to generate healthy margins throughout the market cycle. Smelter expansions, a growing product mix and beneficiation of existing stockpiles will continue to improve earnings and further strengthen its financial position.

Disclaimer

The projections and information above is based on the set assumptions outlined. Due care and attention has been used in the preparation of this information. However actual results may vary from forecasts and any variation may be materially positive or negative. Forecasts by their very nature, are subject to uncertainty and contingencies, many of which are outside the control of Euroz.

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OM Holdings Ltd





Market Statistics			Year End	d 31 Dece	mber	Profit and Loss (A\$m)	2017a	J H'18f	2018f	2019f	2020f
	55 A\$/s					Total Revenue	988	828	1,510	1,378	1,378
Issued Capital FP Ord 738	3.6		_	ig Ex. Ch		Cost of Sales Gross Profit	779 210	644 185	1,181 329	1,086 292	1,086 292
		m Zdiriui		sheed De		Other Expenses	114	62	123	122	122
Conv Note (\$0.80/sh) 1	7.4	111	eng Chin Wolselev		Dir Dir	Finance Costs	44	22	38	29	25
Total Dil. FPOrd 782	20		Church		Dir	Profit/(loss) from Ops	52	101	169	141	145
Total Dil. FFOId 762	2.0			iang Huat		Share of results of Assoc.	21	25	48	47	47
Market Capitalisation \$1,		m	ido ico Li	iang maat	. Dii	Profit/(loss) Before Tax	73	126	217	187	191
Enterprise Value \$1,4 Debt \$(49		m m Share	holders			Tax	(19)	19	20	1	1
		m Huan	g Gang Chan		.10% .92%	Net Profit After Tax	91	106	197	187	190
currency rieaging		NT Lo)W	9.	.10%	EBITDA	186	175	321	302	306
		Dino Strati	co ord Sun		94% 96%	Cash Flow (A\$m)	2017a	J H'18f	2018f	2019f	2020f
						Net Profit	73	126	217	187	191
Asset Valuation			A\$m	A	A\$/sh	+Working Capital Adjustm		(44)	(44)	-	-
Bootu Ck (100%)			275		0.35	+Dep/Amort	44	21	45	48	48
Tshipi (13%)			336		0.33	+Writeoffs/provisions	(4)	-	-	-	-
Sarawak Smelter (75%)			772		0.99	Interest Expense	44	23	38	29	25
OMH Qinzhou (100%)			25		0.03	Shared results of Assoc.	(21)	(25)	(55)	(47)	(47)
OMH Trading (100%) Project Pipeline			166 20		0.21	+ Tax Expense	(4)	- (2)	22	4	4
Debt Cons.			(497)		-0.63	Tax PaidOperating Cashflow	133	(2) 98	22 201	4 218	4 218
Debt Attr. OEI			124		0.16	- Operating Cashillow	133	90	201	210	210
Cash			64		0.08	-Capex	1	_	19	22	16
Working Capital			59		0.08	-Assets Purchased	45	(16)	(16)	26	27
Total			1,344		1.72	+Asset sales	-	-	-	-	-
-						+ Other	19	15		-	-
F/Cast Production (A\$n	n) 2	017a J H'1	Bf 2018f	2019f 2	020f	= Investing Cashflow	(27)	31	(3)	(48)	(42)
OMM Bootu Ck (100%) Mine Ore Shipped kt		656 34	4 764	590	590	+Equity Issues	-	2	2	-	-
TRP Ore Shipped kt		-		250	250	+Loan D'down/Receivable		19	-	-	-
Total Mn Ore Shipped kt Total Cash Costs (C1) A		656 34 3.66 4.2		840	840 4.00	-Loan Repayment-Dividends	101	(64) -	(34)	60	60 -
Tshipi (26% x 50.1%) Total Mn Ore Shipped kt				3,490 3	7 400	Financing Cashflow	(96)	(64)	36	(60)	(60)
Attr. Mn Ore Shipped kt Total Cash Costs (C1) A		407 22	27 454	454	454 3.04	Period Sur (Def)	11	33	234	110	116
OM Sarawak (75%) FeSi Sales kt		182 10			217	Cash Balance	30	64	132	242	358
		160 11	′.> /4>		245 611	Balance Sheet (A\$m)		1111106		00101	2020f
Mn Alloy Sales kt Attrib. Revenue A		160 12 492 29			011		2017a	J H'18f	2018f	2019f	
Mn Alloy Sales kt	t \$m	492 29		611	92	Assets					
Mn Alloy Sales Attrib. Revenue A OM Qinzhou (100%) Total Sales Revenue A	t \$m	492 29 92 4	95 600	611 92		Assets Cash	30	64	132	242	358
Mn Alloy Sales Attrib. Revenue OM Qinzhou (100%) Total Sales Revenue OMS Trading (100%)	t \$m t \$m	92 4 54 2	95 600 16 92 27 50	611 92 48	92 48	Assets Cash Current Receivables	30 91	64 68	132 68	242 68	358 68
Mn Alloy Sales Attrib. Revenue OM Qinzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded kt	t \$m t \$m	492 29 92 4 54 2 1,771 90	95 600 16 92 27 50 10 1,800	611 92 48 1,800 1	92 48 1,800	Assets Cash Current Receivables Other Current Assets	30 91 259	64 68 305	132 68 305	242 68 305	358 68 305
Mn Alloy Sales Attrib. Revenue OM Ginzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Kt	t \$m t \$m	92 4 54 2	95 600 46 92 27 50 90 1,800 50 500	611 92 48 1,800 1	92 48	Assets Cash Current Receivables	30 91	64 68	132 68	242 68	358 68
Mn Alloy Sales Attrib. Revenue OM Qinzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Alloys Traded Revenue A Gross Margin kt A	t \$m t \$m t t	492 29 92 4 54 2 1,771 90 429 25	95 600 16 92 27 50 10 1,800 10 500 19 1,212	611 92 48 1,800 1 500 1,231	92 48 1,800 500	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets	30 91 259 793	64 68 305 820	132 68 305 820	242 68 305 820	358 68 305 820
Mn Alloy Sales	t \$m t \$m t t t	492 29 92 4 54 2 1,771 90 429 25 818 64 3.8% 2.2	95 600 16 92 27 50 10 1,800 10 500 19 1,212 % 2.2%	611 92 48 1,800 1 500 1,231 2.2%	92 48 1,800 500 1,231 2.2%	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities	30 91 259 793 1,173	64 68 305 820 1,256	132 68 305 820 1,324	242 68 305 820 1,435	358 68 305 820 1,551
Mn Alloy Sales Attrib. Revenue OM Ginzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Revenue Agross Margin Assumptions Mn Ore Price (44% CIF)	t \$m t \$m t t \$m	492 29 92 4 54 2 1,771 90 429 25 818 64 3.8% 2.2 6.68 6.5	95 600 16 92 27 50 10 1,800 10 500 19 1,212 % 2.2% 60 6.25	611 92 48 1,800 1 500 1,231 2.2%	92 48 1,800 500 1,231 2.2% 6.00	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings	30 91 259 793 1,173	64 68 305 820 1,256	132 68 305 820 1,324	242 68 305 820 1,435	358 68 305 820 1,551
Mn Alloy Sales Attrib. Revenue OM Qinzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Alloys Traded Revenue A Gross Margin Assumptions Mn Ore Price (44% CIF) FeSi Price A ttrib. A A	t \$m t \$m t t \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	492 29 92 4 54 2 1,771 90 429 25 818 64 3.8% 2.2	95 600 16 92 27 50 10 1,800 10 500 19 1,212 % 2.2% 50 6.25 10 1,400	611 92 48 1,800 1 500 1,231 2.2% 6 6.00 1,450 1	92 48 1,800 500 1,231 2.2% 6.00 1,450	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings Current Accounts Payable	30 91 259 793 1,173 511	64 68 305 820 1,256 497 203	132 68 305 820 1,324 467 203	242 68 305 820 1,435 407 203	358 68 305 820 1,551 347 203
Mn Alloy Sales Attrib. Revenue OM Ginzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Revenue Agross Margin Assumptions Mn Ore Price (44% CIF) FeSi Price Mn Alloy Price AUD:USD	t \$m t \$m t t \$m S\$/dmtu S\$/t 1 S\$/t 1	492 29 92 4 54 2 1,771 90 429 25 818 64 3.8% 2.2 6.68 6.5 ,300 1,44 ,200 1,20 0.76 0.76	95 600 16 92 27 50 10 1,800 10 1,212 10 1,212 10 6.25 10 1,400 10 1,200 17 0.75	611 92 48 1,800 1 500 1,231 2.2% 6.00 1,450 1 1,200 1 1,200 1	92 48 1,800 500 1,231 2.2% 6.00 1,450 1,200 0.75	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings Current Accounts Payable Other Liabilities	30 91 259 793 1,173 511 214 165	64 68 305 820 1,256 497 203 148	132 68 305 820 1,324 467 203 165	242 68 305 820 1,435 407 203 165	358 68 305 820 1,551 347 203 165
Mn Alloy Sales Attrib. Revenue OM Qinzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Alloys Traded Revenue A Gross Margin Assumptions Mn Ore Price (44% CIF) FeSi Price Mn Alloy Price U	t \$m t \$m t t \$m S\$/dmtu S\$/t 1 S\$/t 1	492 29 92 4 54 2 1,771 90 429 25 818 64 3.8% 2.2 6.68 6.5 3,300 1,4' 4,200 1,20	95 600 16 92 27 50 10 1,800 10 1,212 10 1,212 10 6.25 10 1,400 10 1,200 17 0.75	611 92 48 1,800 1 500 1,231 2.2% 6.00 1,450 1 1,200 1 1,200 1	92 48 1,800 500 1,231 2.2% 6.00 1,450 1,200	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings Current Accounts Payable	30 91 259 793 1,173 511	64 68 305 820 1,256 497 203	132 68 305 820 1,324 467 203	242 68 305 820 1,435 407 203	358 68 305 820 1,551 347 203
Mn Alloy Sales Attrib. Revenue OM Ginzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Revenue A Gross Margin Assumptions Mn Ore Price (44% CIF) FeSi Price UMn Alloy Price AUD:USD ZAR:USD Ratio Analysis (A\$m)	t \$m t \$m t \$m t \$sm t \$sm t \$sm t \$sm S\$/dmtu S\$/t 1 S\$/t 1	492 29 92 4 54 2 1,771 90 429 25 818 64 3.8% 2.2 6.68 6.5 ,300 1,20 0.76 0.7 12.10 11.8	95 600 16 92 27 50 10 1,800 19 1,212 % 2.2% 50 6.25 10 1,400 10 1,200 75 0.75 11.80 8f 2018f	611 92 48 1,800 1 500 1,231 2.2% 6 6.00 1,450 1 1,200 1 1,200 1 1,200 1 1,200 1	92 48 1,800 500 1,231 2.2% 6.00 1,450 1,450 0.75 11.80	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings Current Accounts Payable Other Liabilities	30 91 259 793 1,173 511 214 165	64 68 305 820 1,256 497 203 148	132 68 305 820 1,324 467 203 165	242 68 305 820 1,435 407 203 165	358 68 305 820 1,551 347 203 165
Mn Alloy Sales Attrib. Revenue OM Ginzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Revenue A Gross Margin Assumptions Mn Ore Price (44% CIF) FeSi Price Mn Alloy Price AUD:USD ZAR:USD Ratio Analysis (A\$m) Cashflow from Ops (\$m	t \$m t \$m t	492 25 54 2 1,771 90 429 25 818 64 3.8% 2.2 6.68 6.5 ,300 1,4' ,200 1,20 0.76 0.7 12.10 11.8	95 600 16 92 27 50 10 1,800 10 500 19 1,212 % 2.2% 10 1,400 1,200 1,200 1,200 1,180 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200	611 92 48 1,800 1 500 1,231 2.2% 6.00 1,450 1 1,200 1 0,75 11.80	92 48 1,800 500 1,231 2.2% 6.00 1,450 1,450 1,450 1,450 1,450 1,450 1,450 1,450 1,450 1,200 2,75 11.80	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings Current Accounts Payable Other Liabilities Total Liabilities	30 91 259 793 1,173 511 214 165 889	64 68 305 820 1,256 497 203 148 848	132 68 305 820 1,324 467 203 165 835	242 68 305 820 1,435 407 203 165 775	358 68 305 820 1,551 347 203 165 715
Mn Alloy Sales Attrib. Revenue OM Qinzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Alloys Traded Alloys Traded Assumptions Mn Ore Price (44% CIF) FeSi Price Mn Alloy Price AUD:USD ZAR:USD Ratio Analysis (A\$m) Cashflow from Ops (\$m Cashflow per Share	t \$m t \$m t \$m t \$m t \$m t \$m S\$/dmtu \$S\$/t 1 \$S\$/t 1 2 1) 133.3 17.0	492 29 92 4 54 2 1,771 90 429 25 818 64 3.8% 2.2 6.68 6.5 ,300 1,20 0.76 0.7 12.10 11.8	95 600 16 92 27 50 10 1,800 10 500 19 1,212 % 2.2% 10 1,400 10 1,200 10 1,200 11.80 11.80 11.80	611 92 48 1,800 1 500 1,231 2.2% 6 6.00 1,450 1 1,200 1 0.75 11.80 2019f 2 218.2 27.9	92 48 1,800 500 1,231 2.2% 6.00 1,450 1,200 0.75 11.80 2020f 218.2 27.9	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings Current Accounts Payable Other Liabilities Total Liabilities Net Assets	30 91 259 793 1,173 511 214 165 889	64 68 305 820 1,256 497 203 148 848	132 68 305 820 1,324 467 203 165 835	242 68 305 820 1,435 407 203 165 775	358 68 305 820 1,551 347 203 165 715
Mn Alloy Sales Attrib. Revenue OM Ginzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Revenue A Gross Margin Assumptions Mn Ore Price (44% CIF) FeSi Price Mn Alloy Price AUD:USD ZAR:USD Ratio Analysis (A\$m) Cashflow from Ops (\$m	t \$m t \$m t	492 25 54 2 1,771 90 429 25 818 64 3.8% 2.2 6.68 6.5 ,300 1,4' ,200 1,20 0.76 0.7 12.10 11.8	95 600 16 92 27 50 10 1,800 10 500 19 1,212 % 2.2% 10 1,400 1,200 1,200 1,200 1,180 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200	611 92 48 1,800 1 500 1,231 2.2% 6.00 1,450 1 1,200 1 0,75 11.80	92 48 1,800 500 1,231 2.2% 6.00 1,450 1,450 1,450 1,450 1,450 1,450 1,450 1,450 1,450 1,200 2,75 11.80	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings Current Accounts Payable Other Liabilities Total Liabilities Net Assets	30 91 259 793 1,173 511 214 165 889	64 68 305 820 1,256 497 203 148 848 409	132 68 305 820 1,324 467 203 165 835 490	242 68 305 820 1,435 407 203 165 775 660	358 68 305 820 1,551 347 203 165 715 836
Mn Alloy Sales Attrib. Revenue OM Qinzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Alloys Traded Krevenue Arevenue	t \$m t \$m t \$m t \$m t \$m t \$ \$m t \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	492 25 92 4 54 2 1,771 90 429 25 818 64 3.8% 2.2 6.68 6.5 ,300 1,4 ,200 1,20 0.76 0.3 12.10 11.8 017a J H'11 98.4 12.6	95 600 16 92 27 50 10 1,800 10 500 19 1,212 % 2.2% 10 1,400 10 1,200 10 1,200	611 92 48 1,800 1 500 1,231 2.2% 6.00 1,450 1 1,200 1 0.75 11.80 2019f 2 218.2 27.9 4.9	92 48 1,800 500 1,231 2.2% 6.00 1,450 1,200 0.75 11.80 2020f 218.2 27.9 4.9	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings Current Accounts Payable Other Liabilities Total Liabilities Net Assets Resources and Reserves	30 91 259 793 1,173 511 214 165 889	64 68 305 820 1,256 497 203 148 848 409	132 68 305 820 1,324 467 203 165 835 490	242 68 305 820 1,435 407 203 165 775 660	358 68 305 820 1,551 347 203 165 715 836
Mn Alloy Sales Attrib. Revenue OM Ginzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Revenue A Gross Margin Assumptions Mn Ore Price (44% CIF) FeSi Price UM Alloy Price AUD:USD ZAR:USD Ratio Analysis (A\$m) Cashflow from Ops (\$m Cashflow per Share Cashflow Ratio (x) Total Assets/sh (\$ cents	t \$m t \$m t \$m t \$m t \$sm t \$ss/dmtu \$s\$/t 1 \$s\$/t 1 2 10 133.3 17.0 8.0 6) 1.6	492 29 92 4 54 2 1,771 90 429 25 818 64 3.8% 2.2 6.68 6.5 ,300 1,4 ,200 1,20 0.76 0.7 12.10 11.8 98.4 12.6	95 600 16 92 27 50 10 1,800 10 500 19 1,212 % 2.2% 50 6.25 10 1,400 10 1,200 75 0.75 11.80 8f 2018f 200.7 25.7 5.3	611 92 48 1,800 1 500 1,231 2.2% 6.00 1,450 1 1,200 1 0.75 11.80 2019f 2 218.2 27.9 4.9	92 48 1,800 500 1,231 2.2% 6.00 1,450 1,200 0.75 11.80 218.2 27.9 4.9	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings Current Accounts Payable Other Liabilities Total Liabilities Net Assets Resources and Reserves OMM Bootu Creek	30 91 259 793 1,173 511 214 165 889	64 68 305 820 1,256 497 203 148 848 409	132 68 305 820 1,324 467 203 165 835 490 erves mt Mn 7.3 20	242 68 305 820 1,435 407 203 165 775 660 Resour % mt	358 68 305 820 1,551 347 203 165 715 836
Mn Alloy Sales Attrib. Revenue OM Qinzhou (100%) Total Sales Revenue AM OMS Trading (100%) Mn Ore Traded Alloys Traded Alloys Traded Alloys Traded Revenue AGross Margin Assumptions Mn Ore Price (44% CIF) FeSi Price Mn Alloy Price AUD:USD ZAR:USD Ratio Analysis (A\$m) Cashflow from Ops (\$m Cashflow Ratio (x)	t \$m t \$m t \$m t \$m t \$m S\$/dmtu S\$/t 1 S\$/t 1 2 1) 133.3 17.0 8.0 8.0 6) 1.6 ents) 38.7	492 29 92 4 54 2 1,771 90 429 25 818 64 3.8% 2.2 6.68 6.5 ,300 1,4 ,200 1,20 0.76 0.7 12.10 11.8 98.4 12.6	95 600 16 92 27 50 10 1,800 10 500 19 1,212 % 2.2% 10 1,400 10 1,200 10 1,200	611 92 48 1,800 1 500 1,231 2.2% 6.00 1,450 1 1,200 1 0.75 11.80 2019f 2 218.2 27.9 4.9	92 48 1,800 500 1,231 2.2% 6.00 1,450 1,200 0.75 11.80 2020f 218.2 27.9 4.9	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings Current Accounts Payable Other Liabilities Total Liabilities Net Assets Resources and Reserves OMM Bootu Creek OMH Tshipi (OMH Attrib.)	30 91 259 793 1,173 511 214 165 889	64 68 305 820 1,256 497 203 148 848 409	132 68 305 820 1,324 467 203 165 835 490 erves mt Mn 7.3 20 6.4 36	242 68 305 820 1,435 407 203 165 775 660 Resour % mt .7 10.0 .3 460.0	358 68 305 820 1,551 347 203 165 715 836
Mn Alloy Sales Attrib. Revenue OM Ginzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Revenue A Gross Margin Assumptions Mn Ore Price (44% CIF) FeSi Price UM Alloy Price AUD:USD ZAR:USD Ratio Analysis (A\$m) Cashflow from Ops (\$m Cashflow per Share Cashflow Ratio (x) Total Assets/sh (\$ cents Net Asset Backing/sh (\$ c	t \$m t \$m t \$m t \$m t \$m S\$/dmtu S\$/t 1 S\$/t 1 2 1) 133.3 17.0 8.0 8.0 6) 1.6 ents) 38.7	492 25 92 4 54 2 1,771 90 429 25 818 64 3.8% 2.2 6.68 6.5 ,300 1,4' ,200 1,20 0.76 0.7 12.10 11.8 017a J H'11 98.4 12.6	95 600 16 92 27 50 10 1,800 10 500 19 1,212 % 2.2% 10 1,400 10,200 11.80 11.80 11.80 12.20 15 0.75 18 2018f 200.7 25.7 5.3 1.8 66.3	611 92 48 1,800 1 500 1,231 2.2% 6.00 1,450 1 1,200 1 0,75 11.80 2019f 2 218.2 27.9 4.9 1.9 89.4	92 48 1,800 500 1,231 2.2% 6.00 1,450 1,450 1,450 1,450 20.75 11.80 218.2 27.9 4.9 2.1 113.2	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings Current Accounts Payable Other Liabilities Total Liabilities Net Assets Resources and Reserves OMM Bootu Creek	30 91 259 793 1,173 511 214 165 889	64 68 305 820 1,256 497 203 148 848 409	132 68 305 820 1,324 467 203 165 835 490 erves mt Mn 7.3 20 6.4 36	242 68 305 820 1,435 407 203 165 775 660 Resour % mt	358 68 305 820 1,551 347 203 165 715 836
Mn Alloy Sales Attrib. Revenue OM Qinzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Alloys Traded Alloys Traded Assumptions Mn Ore Price (44% CIF) FeSi Price Mn Alloy Price AUD:USD ZAR:USD Ratio Analysis (A\$m) Cashflow from Ops (\$m Cashflow per Share Cashflow Ratio (x) Total Assets/sh (\$ cents Net Asset Backing/sh (\$ ce Basic Profit/(Loss)/sh (\$ ce Enterprise Value (A\$m)	t \$m S\$/dmtu \$S\$/t 1 S\$/t 1 2 i) 133.3 17.0 8.0 i) 1.6 eents) 38.7 eents) 12.7 1,215	492 25 92 4 54 2 1,771 90 429 25 818 64 3.8% 2.2 6.68 6.5 ,300 1,4 ,200 1,20 0.76 0.7 12.10 11.8 017a J H'11 98.4 12.6	95 600 16 92 27 50 10 1,800 10 1,800 19 1,212 % 2.2% 10 1,400 10 1,200 10 1,2	611 92 48 1,800 1 500 1,231 2.2% 6 6.00 1,450 1 1,200 1 0.75 11.80 2019f 2 218.2 27.9 4.9 1.9 89.4 25.3	92 48 1,800 500 1,231 2.2% 6.00 1,450 1,200 0.75 11.80 2020f 218.2 27.9 4.9 2.1 113.2 25.8	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings Current Accounts Payable Other Liabilities Total Liabilities Net Assets Resources and Reserves OMM Bootu Creek OMH Tshipi (OMH Attrib.)	30 91 259 793 1,173 511 214 165 889	64 68 305 820 1,256 497 203 148 848 409	132 68 305 820 1,324 467 203 165 835 490 erves mt Mn 7.3 20 6.4 36	242 68 305 820 1,435 407 203 165 775 660 Resour % mt .7 10.0 .3 460.0	358 68 305 820 1,551 347 203 165 715 836
Mn Alloy Sales Attrib. Revenue OM Ginzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Revenue A Gross Margin Assumptions Mn Ore Price (44% CIF) FeSi Price UM Alloy Price AUD:USD ZAR:USD Ratio Analysis (A\$m) Cashflow from Ops (\$m Cashflow per Share Cashflow Ratio (x) Total Assets/sh (\$ cents Net Asset Backing/sh (\$ c Basic Profit/(Loss)/sh (\$ c Enterprise Value (A\$m) EV: EBITDA	t \$m t \$s\$/dmtu \$\$\frac{5}{1} 133.3 17.0 8.0 8.0 12.7 12.7 1,215 6.5	492 29 92 4 54 2 1,771 90 429 25 818 64 3.8% 2.2 6.68 6.5 ,300 1,4 ,200 1,20 0.76 0.7 12.10 11.8 017a J H'1 98.4 12.6 1.7 7 55.3 14.4 1,172 6.7	95 600 16 92 27 50 10 1,800 10 500 19 1,212 % 2.2% 10 1,400 10 1,200 10 1,200	611 92 48 1,800 1 500 1,231 2.2% 6 6.00 1,450 1 1,200 1 0.75 11.80 2019f 2 218.2 27.9 4.9 1.9 89.4 25.3 903 3.0	92 48 1,800 500 1,231 2.2% 6.00 1,450 1,200 0.75 11.80 2020f 218.2 27.9 4.9 2.1 113.2 25.8 727 2.4	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings Current Accounts Payable Other Liabilities Total Liabilities Net Assets Resources and Reserves OMM Bootu Creek OMH Tshipi (OMH Attrib.)	30 91 259 793 1,173 511 214 165 889	64 68 305 820 1,256 497 203 148 848 409	132 68 305 820 1,324 467 203 165 835 490 erves mt Mn 7.3 20 6.4 36	242 68 305 820 1,435 407 203 165 775 660 Resour % mt .7 10.0 .3 460.0	358 68 305 820 1,551 347 203 165 715 836
Mn Alloy Sales Attrib. Revenue OM Qinzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Alloys Traded Alloys Traded Assumptions Mn Ore Price (44% CIF) FeSi Price Mn Alloy Price AUD:USD ZAR:USD Ratio Analysis (A\$m) Cashflow from Ops (\$m Cashflow per Share Cashflow Ratio (x) Total Assets/sh (\$ cents Net Asset Backing/sh (\$ ce Basic Profit/(Loss)/sh (\$ ce Enterprise Value (A\$m)	t \$m S\$/dmtu \$S\$/t 1 S\$/t 1 2 i) 133.3 17.0 8.0 i) 1.6 eents) 38.7 eents) 12.7 1,215	492 25 92 4 54 2 1,771 90 429 25 818 64 3.8% 2.2 6.68 6.5 ,300 1,4 ,200 1,20 0.76 0.7 12.10 11.8 017a J H'11 98.4 12.6	95 600 16 92 27 50 10 1,800 10 1,800 19 1,212 % 2.2% 10 1,400 10 1,200 10 1,2	611 92 48 1,800 1 500 1,231 2.2% 6 6.00 1,450 1 1,200 1 0.75 11.80 2019f 2 218.2 27.9 4.9 1.9 89.4 25.3	92 48 1,800 500 1,231 2.2% 6.00 1,450 1,200 0.75 11.80 2020f 218.2 27.9 4.9 2.1 113.2 25.8	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings Current Accounts Payable Other Liabilities Total Liabilities Net Assets Resources and Reserves OMM Bootu Creek OMH Tshipi (OMH Attrib.)	30 91 259 793 1,173 511 214 165 889	64 68 305 820 1,256 497 203 148 848 409	132 68 305 820 1,324 467 203 165 835 490 erves mt Mn 7.3 20 6.4 36	242 68 305 820 1,435 407 203 165 775 660 Resour % mt .7 10.0 .3 460.0	358 68 305 820 1,551 347 203 165 715 836
Mn Alloy Sales Attrib. Revenue OM Ginzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Revenue A Gross Margin Assumptions Mn Ore Price (44% CIF) FeSi Price Wn Alloy Price AUD:USD ZAR:USD Ratio Analysis (A\$m) Cashflow from Ops (\$m Cashflow per Share Cashflow Ratio (x) Total Assets/sh (\$ cents Net Asset Backing/sh (\$ cents)	t \$m t \$m t \$m t \$m t \$m t \$m S\$/dmtu S\$/t 1 S\$/t 1 2 0) 133.3 17.0 8.0 8.0 8) 1.6 ents) 38.7 ents) 12.7 1,215 6.5 8.5	492 25 92 4 54 2 1,771 90 429 25 818 64 3.8% 2.2 6.68 6.5,300 1,4: ,200 1,2: 0.76 0.7 12.10 11.8 017a J H'1 98.4 12.6 1.7 7.55.3 14.4 1,172 6.7 7.6	95 600 16 92 27 50 10 1,800 10 500 19 1,212 % 2.2% 50 6.25 10 1,400 1,200 75 0.75 11.80 200.7 25.7 5.3 1.8 66.3 26.6 1,074 3.3 3.9	611 92 48 1,800 1 500 1,231 2.2% 6.00 1,450 1 1,200 1 0,75 11.80 2019f 2 218.2 27.9 4.9 1.9 89.4 25.3 903 3.0 3.6	92 48 1,800 500 1,231 2.2% 6.00 1,450 1,200 0.75 11.80 2020f 218.2 27.9 4.9 2.1 113.2 25.8 727 2.4 2.8	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings Current Accounts Payable Other Liabilities Total Liabilities Net Assets Resources and Reserves OMM Bootu Creek OMH Tshipi (OMH Attrib.)	30 91 259 793 1,173 511 214 165 889	64 68 305 820 1,256 497 203 148 848 409	132 68 305 820 1,324 467 203 165 835 490 erves mt Mn 7.3 20 6.4 36	242 68 305 820 1,435 407 203 165 775 660 Resour % mt .7 10.0 .3 460.0	358 68 305 820 1,551 347 203 165 715 836
Mn Alloy Sales Attrib. Revenue OM Ginzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Revenue Agross Margin Assumptions Mn Ore Price (44% CIF) FeSi Price Mn Alloy Price AUD:USD ZAR:USD Ratio Analysis (A\$m) Cashflow from Ops (\$m Cashflow per Share Cashflow Ratio (x) Total Assets/sh (\$ cents Net Asset Backing/sh (\$ c Basic Profit/(Loss)/sh (\$ c Enterprise Value (A\$m) EV : EBITDA EV : EBIT Net Debt (\$m)	t \$m t \$m t	492 25 54 2 1,771 90 429 25 818 64 3.8% 2.2 6.68 6.5,300 1,4' ,200 1,20 0.76 0.7 12.10 11.8 017a J H'1 98.4 12.6 1,77 55.3 14.4 1,172 6.7 7.6 (433)	95 600 16 92 27 50 10 1,800 10 500 19 1,212 % 2.2% 10 1,400 10 1,200 10 1,200 11.80	611 92 48 1,800 1 500 1,231 2.2% 6 6.00 1,450 1 1,200 1 0,75 11.80 2019f 2 218.2 27.9 4.9 1.9 89.4 25.3 903 3.0 3.6 (165)	92 48 1,800 500 1,231 2.2% 6.00 1,450 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,231 2.2% 2.2% 4.9 2.1 113.2 2.5.8 727 2.4 2.8 11.2	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings Current Accounts Payable Other Liabilities Total Liabilities Net Assets Resources and Reserves OMM Bootu Creek OMH Tshipi (OMH Attrib.)	30 91 259 793 1,173 511 214 165 889	64 68 305 820 1,256 497 203 148 848 409	132 68 305 820 1,324 467 203 165 835 490 erves mt Mn 7.3 20 6.4 36	242 68 305 820 1,435 407 203 165 775 660 Resour % mt .7 10.0 .3 460.0	358 68 305 820 1,551 347 203 165 715 836
Mn Alloy Sales Attrib. Revenue OM Ginzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Alloys Traded Revenue Gross Margin Assumptions Mn Ore Price (44% CIF) FeSi Price Mn Alloy Price AUD:USD ZAR:USD Ratio Analysis (A\$m) Cashflow from Ops (\$m Cashflow per Share Cashflow Ratio (x) Total Assets/sh (\$ cents Net Asset Backing/sh (\$ ce Basic Profit/(Loss)/sh (\$ ce Enterprise Value (A\$m) EV : EBITDA EV : EBIT Net Debt (\$m) Debt:EBITDA (x)	t \$m S\$/dmtu \$\$/t 1 S\$/t 1 2 i) 133.3 17.0 8.0 ii) 1.6 ents) 38.7 ents) 12.7 1,215 6.5 8.5 (481) 2.6	492 25 92 4 54 2 1,771 90 429 25 818 64 3.8% 2.2 6.68 6.5,300 1,4: ,200 1,2: 0.76 0.7 12.10 11.8 017a J H'1 98.4 12.6 1.7 7.55.3 14.4 1,172 6.7 7.6	95 600 16 92 27 50 10 1,800 10 1,800 19 1,212 % 2.2% 10 1,400 10 1,200 10 1,200 11.80 11.	611 92 48 1,800 1 500 1,231 2.2% 6 6.00 1,450 1 1,200 1 0.75 11.80 2019f 2 218.2 27.9 4.9 1.9 89.4 25.3 903 3.0 3.6 (165) 0.5	92 48 1,800 500 1,231 2.2% 6.00 1,450 1,200 0.75 11.80 2020f 218.2 27.9 4.9 2.1 113.2 25.8 727 2.4 2.8	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings Current Accounts Payable Other Liabilities Total Liabilities Net Assets Resources and Reserves OMM Bootu Creek OMH Tshipi (OMH Attrib.)	30 91 259 793 1,173 511 214 165 889	64 68 305 820 1,256 497 203 148 848 409	132 68 305 820 1,324 467 203 165 835 490 erves mt Mn 7.3 20 6.4 36	242 68 305 820 1,435 407 203 165 775 660 Resour % mt .7 10.0 .3 460.0	358 68 305 820 1,551 347 203 165 715 836
Mn Alloy Sales Attrib. Revenue OM Ginzhou (100%) Total Sales Revenue OMS Trading (100%) Mn Ore Traded Alloys Traded Revenue Agross Margin Assumptions Mn Ore Price (44% CIF) FeSi Price Mn Alloy Price AUD:USD ZAR:USD Ratio Analysis (A\$m) Cashflow from Ops (\$m Cashflow per Share Cashflow Ratio (x) Total Assets/sh (\$ cents Net Asset Backing/sh (\$ c Basic Profit/(Loss)/sh (\$ c Enterprise Value (A\$m) EV : EBITDA EV : EBIT Net Debt (\$m)	t \$m t \$m t	492 25 92 4 54 2 1,771 90 429 25 818 64 3.8% 2.2 6.68 6.5,300 1,4 ,200 1,20 0.76 0.7 11.2.10 11.8 017a J H'1 98.4 12.6 1,77 55.3 14.4 1,172 6.7 7.6 (433) 2.5	95 600 16 92 27 50 10 1,800 10 500 19 1,212 % 2.2% 10 1,400 10 1,200 10 1,200 11.80	611 92 48 1,800 1 500 1,231 2.2% 6 6.00 1,450 1 1,200 1 1,200 1 1,200 1 1,200 1 2019f 2 218.2 27.9 4.9 1.9 89.4 25.3 903 3.0 3.6 (165)	92 48 1,800 500 1,231 2.2% 6.00 1,450 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,231 2.2% 2.2% 4.9 2.1 113.2 2.5.8 727 2.4 2.8 11.2	Assets Cash Current Receivables Other Current Assets Non-Current Assets Total Assets Liabilities Borrowings Current Accounts Payable Other Liabilities Total Liabilities Net Assets Resources and Reserves OMM Bootu Creek OMH Tshipi (OMH Attrib.)	30 91 259 793 1,173 511 214 165 889	64 68 305 820 1,256 497 203 148 848 409	132 68 305 820 1,324 467 203 165 835 490 erves mt Mn 7.3 20 6.4 36	242 68 305 820 1,435 407 203 165 775 660 Resour % mt .7 10.0 .3 460.0	358 68 305 820 1,551 347 203 165 715 836

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Contact Details

Euroz Securities Limited +61 8 9488 1400

International Toll Free

(If calling to Euroz from the following Countries)

0800 1800 554 Germany Switzerland 0800 835 385 Hong Kong 800 900 936 1800 805 002 Malavsia 800 6161 759 Singapore New Zealand 0800 441 271 18 772 804 390 United Kingdom 08 000 929 851

Research Analysts

Jon Bishop - Head of Research +61 8 9488 1481 +61 8 9488 1427 Andrew Clayton - Resources Analyst Michael Emery - Resources Analyst +61 8 9488 1430 Ben Laird - Industrials Director +61 8 9488 1429 Gavin Allen - Industrials Analyst +61 8 9488 1413 Jerome Paz - Associate Research Analyst +61 8 9488 1414

Institutional Sales

Andrew McKenzie - Executive Chairman +61 8 9488 1407 Rob Black - Managing Director +61 8 9488 1423 Jay Hughes - Executive Director +61 8 9488 1406 +61 8 9488 1426 Russell Kane - Executive Director Simon Yeo - Executive Director +61 8 9488 1404 Timothy Bunney - Executive Director +61 8 9488 1461 Peter Schwarzbach - Executive Director +61 8 9488 1492 Stacy Kitsantas - Institutional Adviser +618 9488 1486

Private Client Advisers

Chris Webster - Head of Private Clients Ben Statham - Executive Director Brian Bates - Executive Director Cameron Murray - Executive Director James Mackie - Executive Director Lucas Robinson - Executive Director Rvan Stewart - Executive Director Tim Lyons - Executive Director Brett Stapleton - Associate Director Giles McCaw - Associate Director Michael Bowden - Associate Director Richard Gardner - Associate Director Paul Berson - Associate Director Paul Cooper - Associate Director Phil Grant - Associate Director Lauren Walker - Investment Adviser Michael Bartley - Investment Adviser Steve Wood - Investment Adviser Tom Kenny - Associate Adviser

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