

EQUITY RESEARCH Materials

11 May 2023

OM Holdings Ltd (OMH.ASX)

Production in-line but prices fragile, Si delayed

Event:

March 2023 quarter review; Earnings and PT changes.

Investment Highlights:

- Alloy production as per our forecast and company guidance. OM Sarawak 1Q23 production was 29.7kt FeSi and 52.2kt Mn alloys, in-line with our forecasts of 30.0kt and 52.5kt respectively which were at the mid-point of annualised company guidance of 30ktpa FeSi and 210ktpa Mn alloys. Shipments for the quarter were slightly lower at 28.3kt and 45.0kt.
- Guidance maintained with slight upside. OMH maintained FY23 guidance of 110-130kt FeSi and slightly upped Mn alloy to 202-222kt (prior 200-220). The company mentioned potential upside to production from China.
- Metallic Si furnace still suspended. The furnace was suspended in March.
 Despite producing on-specification product, recovery from the furnace was
 lower than expected, resulting in excess heat issues. OMH is pursuing a
 rectification with the EPCM provider, expecting a restart within 12 months. We
 now expect restart in 1Q 2024 and also push back our expected commissioning
 of the second Si furnace to 3Q2024 from 3Q2023.
- Maintenance on track. Eight furnaces two Mn alloys and six FeSi are scheduled to undergo staged maintenance for the balance of 2023, with three already shutdown for their scheduled works. Impact on FY23 production guidance is expected to be immaterial.
- Marketing volumes up. 425.4kt of ore was traded in the quarter, above our forecast of 362kt and the 326kt of the 4Q22, mostly from higher Mn ore sales.
- **Bootu Creek ultra-fine plant study complete.** OMH stated it showed that plant rectification was economically viable, with capex A\$6.5M. However we believe higher Mn prices would be required for contemplation of any plant restart.
- Alloy prices mixed we downgrade short-term prices. During the quarter Si
 Mn and FeMn prices were relatively stable but there was a fall in that of FeSi,
 while SiMn has fallen in the 2Q2023 to-date. We downgrade FeSi -2% in FY23e
 and SiMn -3% and-7% in FY23e and FY24e.

Earnings and Valuation:

- We reduce FY23e and FY24e NPAT to US\$63M and US\$80M (prior US\$72M and US\$85M) on lower FeSi and SiMn prices, and reduced Si production due delay commissioning of furnaces.
- Our OMH share valuation (1.0 x NPV₁₀ nominal) falls to \$1.58 from \$1.73, from our earnings downgrade.

Recommendation:

- We maintain our Buy on OMH and raise our 12-month PT to \$1.58 from \$1.73, based on our increase in risked valuation.
- Catalysts for share price include 1) Restart of Si meta furnace; 2) Growth from furnace expansions; 3) Examination of downstream Si and Mn opportunities for applications such as EVs and renewable energy; and 4) Grant of tax exemption.

Disclosures

The analyst owns 32,600 OMH shares.

Foster Stockbroking and associated entities (excluding Cranport) own 32,600 OMH shares.

Cranport does not own OMH securities.

Refer details end of report.

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|--------------------------------|-------|-------|---------|----------|
| Recommendation | | | | Buy |
| Previous | | | | Buy |
| Risk | | | | High |
| Price Target | | | | \$1.58 |
| Previous | | | | \$1.73 |
| Share price (A\$) | | | | \$ 0.66 |
| ASX code | | | | OMH |
| 52 week low-high | | | \$0. | 58-0.885 |
| Valuation (A\$/share) | | | | \$ 1.73 |
| Methodology | | | NPV10 r | nominal |
| Capital structure | | | | |
| Shares on Issue (M) | | | | 739 |
| Market cap (A\$M) | | | | 487 |
| Net cash (debt) attributable (| A\$M) | | | -268 |
| EV (A\$M) | | | | 755 |
| Ave daily volume ('000) | | | | 121 |
| Earnings Y/e Dec US\$M | FY22a | FY23e | FY24e | FY25e |
| Sales adj* | 779 | 652 | 744 | 834 |
| EBITDA adj.* | 134 | 121 | 147 | 165 |
| NPAT adj* | 79 | 59 | 79 | 96 |
| EPS adj. \$* | 0.11 | 0.08 | 0.11 | 0.13 |
| PE x | 4.3x | 5.7x | 4.3x | 3.7x |
| EV/EBITDA x | 3.2x | 4.4x | 3.6x | 3.3x |
| DPS \$ | 0.01 | 0.02 | 0.02 | 0.03 |
| Yield % | 2.2% | 3.5% | 4.6% | 5.5% |
| * Adj =underlying attributable | | | | |
| | | | | |





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OM Holdings (OMH) Full Year Ended 31 December

| Profit and Loss US\$M | 2022a | 2023e | 2024e | 2025e |
|---|--|---|--|--|
| Attributable: | | | | |
| Revenue | 779 | 652 | 744 | 834 |
| Operating costs adj. | 645 | 531 | 602 | 674 |
| EBITDA adj. | 134 | 121 | 147 | 165 |
| D&A | 23 | 28 93 | 28 119 | 29 136 |
| EBIT adj. Net Interest exp / (income) | 111 13 | 16 | 119 | 136 9 |
| PBT adj. | 97 | 77 | 105 | 128 |
| Tax exp / (benefit) adj. | 18 | 18 | 27 | 32 |
| NPAT adj. | 79 | 59 | 79 | 96 |
| EPS diluted adj. (\$) | 0.11 | 0.08 | 0.11 | 0.13 |
| DPS (\$) | 0.01 | 0.02 | 0.02 | 0.03 |
| | | | | |
| Cashflow US\$M | 2022a | 2023e | 2024e | 2025e |
| EBITDA reported | 151 49 | 97 0 | 125 0 | 143 0 |
| Change in WC Tax | 49 -7 | -12 | -21 | -26 |
| Other | 3 | 0 | 0 | 0 |
| Operating cashfow | 197 | 85 | 103 | 116 |
| 3 | | | | |
| PPE | -39 | -21 | -25 | -29 |
| Acquisitions | 0 | 0 | 0 | 0 |
| Capitalised expenses | -1 | -2 | -2 | -2 |
| Investment | 0 | 0 | 0 | 0 |
| Dividend from associate | 8 | 5 | 14 | 14 |
| Interest income | 1 | 1 | 0 | 0 |
| Other | 0 - 31 | 0 -16 | 0 -12 | 0 -17 |
| Investing cashflows | -31 | -10 | -12 | -17 |
| Equity issue | 0 | 0 | 0 | 0 |
| Debt proceeds | 23 | 0 | 0 | 0 |
| Det repyament | -66 | -45 | -45 | -70 |
| Dividend paid | -11 | -13 | -14 | -17 |
| Minority acquisition | -109 | 0 | 0 | 0 |
| Interest expense | -18 | -18 | -3 | -2 |
| Other | 0 | ^ | ^ | |
| Other | 0 -191 | 0 - 76 | 0 - 63 | 0 - 90 |
| Other Financing cahflow | 0 - 181 | 0 - 76 | 0 - 62 | 0 - 90 |
| | | | | |
| Financing cahflow | -181 | -76 | -62 | -90 |
| Financing cahflow Net cashflow Balance Sheet US\$M Cash | -181 -15 2022a 62 | -76 -7 2023e 55 | -62 29 2024e 85 | -90 10 2025e 94 |
| Financing cahflow Net cashflow Balance Sheet US\$M Cash Receivables | -181 -15 2022a 62 32 | -76 -7 2023e 55 21 | -62 29 2024e 85 25 | -90 10 2025e 94 28 |
| Financing cahflow Net cashflow Balance Sheet US\$M Cash Receivables Inventories | -181 -15 2022a 62 32 235 | -76 -7 2023e 55 21 158 | -62 29 2024e 85 25 183 | -90 10 2025e 94 28 207 |
| Financing cahflow Net cashflow Balance Sheet US\$M Cash Receivables Inventories PPE | -181 -15 2022a 62 32 235 446 | -76 -7 2023e 55 21 158 442 | -62 29 2024e 85 25 183 441 | -90 10 2025e 94 28 207 445 |
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| Financing cahflow Net cashflow Balance Sheet US\$M Cash Receivables Inventories PPE Associate investment Capitalised exploration | -181 -15 2022a 62 32 235 446 81 4 | -76 -7 2023e 55 21 158 442 | -62 29 2024e 85 25 183 441 91 7 | -90 10 2025e 94 28 207 445 92 9 |
| Financing cahflow Net cashflow Balance Sheet US\$M Cash Receivables Inventories PPE Associate investment Capitalised exploration Intangibles | -181 -15 2022a 62 32 235 446 81 4 | -76 -7 2023e 55 21 158 442 91 6 11 | -62 29 2024e 85 25 183 441 91 7 | -90 10 2025e 94 28 207 445 92 9 11 |
| Financing cahflow Net cashflow Balance Sheet US\$M Cash Receivables Inventories PPE Associate investment Capitalised exploration | -181 -15 2022a 62 32 235 446 81 4 | -76 -7 2023e 55 21 158 442 91 6 | -62 29 2024e 85 25 183 441 91 7 | -90 10 2025e 94 28 207 445 92 9 |
| Financing cahflow Net cashflow Balance Sheet US\$IV Cash Receivables Inventories PPE Associate investment Capitalised exploration Intangibles Other Assets | -181 -15 2022a 62 32 235 446 81 4 11 15 886 | -76 -7 2023e 55 21 158 442 91 6 11 15 799 | -62 29 2024e 85 25 183 441 91 7 11 15 859 | -90 10 2025e 94 28 207 445 92 9 11 15 901 |
| Financing cahflow Net cashflow Balance Sheet US\$M Cash Receivables Inventories PPE Associate investment Capitalised exploration Intangibles Other Assets Payables | -181 -15 2022a 62 32 235 446 81 4 11 15 886 | -76 -7 2023e 55 21 158 442 91 6 11 15 799 | -62 29 2024e 85 25 183 441 91 7 11 15 859 | -90 10 2025e 94 28 207 445 92 9 11 15 901 |
| Financing cahflow Net cashflow Balance Sheet US\$M Cash Receivables Inventories PPE Associate investment Capitalised exploration Intangibles Other Assets Payables Provisions | -181 -15 2022a 62 32 235 446 81 4 11 15 886 | -76 -7 2023e 55 21 158 442 91 6 11 15 799 | -62 29 2024e 85 25 183 441 91 7 11 15 859 | -90 10 2025e 94 28 207 445 92 9 11 15 901 |
| Financing cahflow Net cashflow Balance Sheet US\$M Cash Receivables Inventories PPE Associate investment Capitalised exploration Intangibles Other Assets Payables Provisions Debt | -181 -15 2022a 62 32 235 446 81 4 11 15 886 | -76 -7 2023e 55 21 158 442 91 6 11 15 799 114 3 168 | -62 29 2024e 85 25 183 441 91 7 11 15 859 131 4 123 | -90 10 2025e 94 28 207 445 92 9 11 15 901 148 4 53 |
| Financing cahflow Net cashflow Balance Sheet US\$M Cash Receivables Inventories PPE Associate investment Capitalised exploration Intangibles Other Assets Payables Provisions | -181 -15 2022a 62 32 235 446 81 4 11 15 886 | -76 -7 2023e 55 21 158 442 91 6 11 15 799 | -62 29 2024e 85 25 183 441 91 7 11 15 859 | -90 10 2025e 94 28 207 445 92 9 11 15 901 |
| Financing cahflow Net cashflow Balance Sheet US\$M Cash Receivables Inventories PPE Associate investment Capitalised exploration Intangibles Other Assets Payables Provisions Debt Other Liabilities | -181 -15 2022a 62 32 235 446 81 4 11 15 886 181 5 255 46 486 | -76 -7 2023e 55 21 158 442 91 6 11 15 799 114 3 168 65 350 | -62 29 2024e 85 25 183 441 91 7 11 15 859 131 4 123 87 345 | -90 10 2025e 94 28 207 445 92 9 11 15 901 148 4 53 104 309 |
| Financing cahflow Net cashflow Balance Sheet US\$M Cash Receivables Inventories PPE Associate investment Capitalised exploration Intangibles Other Assets Payables Provisions Debt Other Liabilities Capital | -181 -15 2022a 62 32 235 446 81 4 11 15 886 181 5 255 46 486 396 | -76 -7 2023e 55 21 158 442 91 6 11 15 799 114 3 168 65 350 | -62 29 2024e 85 25 183 441 91 7 11 15 859 131 4 123 87 345 | -90 10 2025e 94 28 207 445 92 9 11 15 901 148 4 53 104 309 |
| Financing cahflow Net cashflow Balance Sheet US\$M Cash Receivables Inventories PPE Associate investment Capitalised exploration Intangibles Other Assets Payables Provisions Debt Other Liabilities | -181 -15 2022a 62 32 235 446 81 4 11 15 886 181 5 255 46 486 | -76 -7 2023e 55 21 158 442 91 6 11 15 799 114 3 168 65 350 | -62 29 2024e 85 25 183 441 91 7 11 15 859 131 4 123 87 345 | -90 10 2025e 94 28 207 445 92 9 11 15 901 148 4 53 104 309 589 |
| Financing cahflow Net cashflow Balance Sheet US\$M Cash Receivables Inventories PPE Associate investment Capitalised exploration Intangibles Other Assets Payables Provisions Debt Other Liabilities Capital Equity attributable | -181 -15 2022a 62 32 235 446 81 4 11 15 886 181 5 255 46 486 396 396 | -76 -7 2023e 55 21 158 442 91 6 11 15 799 114 3 168 65 350 445 | -62 29 2024e 85 25 183 441 91 7 11 15 859 131 4 123 87 345 510 510 | -90 10 2025e 94 28 207 445 92 9 11 15 901 148 4 53 104 309 |
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| Financing cahflow Net cashflow Balance Sheet US\$M Cash Receivables Inventories PPE Associate investment Capitalised exploration Intangibles Other Assets Payables Provisions Debt Other Liabilities Capital Equity attributable Minorities Equity Half year splits | -181 -15 2022a 62 32 235 446 81 4 11 15 886 181 5 255 46 486 396 396 4 400 | -76 -7 2023e 55 21 158 442 91 6 11 15 799 114 3 168 65 350 445 445 4 449 | -62 29 2024e 85 25 183 441 91 7 11 15 859 131 4 123 87 345 510 510 4 514 | -90 10 2025e 94 28 207 445 92 9 11 15 901 148 4 53 104 309 589 4 593 |
| Financing cahflow Net cashflow Balance Sheet US\$M Cash Receivables Inventories PPE Associate investment Capitalised exploration Intangibles Other Assets Payables Provisions Debt Other Liabilities Capital Equity attributable Minorities Equity | -181 -15 2022a 62 32 235 446 81 4 11 15 886 181 5 255 46 486 396 396 400 | -76 -7 2023e 55 21 158 442 91 6 11 15 799 114 3 168 65 350 445 4449 | -62 29 2024e 85 25 183 441 91 7 11 15 859 131 4 123 87 345 510 510 4 514 | -90 10 2025e 94 28 207 445 92 9 11 15 901 148 4 53 104 309 589 589 4 593 |
| Receivables Inventories PPE Associate investment Capitalised exploration Intangibles Other Assets Payables Provisions Debt Other Liabilities Capital Equity attributable Minorities Equity Half year splits Alloy shipments, kt | -181 -15 2022a 62 32 235 446 81 4 11 15 886 181 5 255 46 486 396 396 4 400 1H FY22a 183 | -76 -7 2023e 55 21 158 442 91 6 11 15 799 114 3 168 65 350 445 445 4 449 2H FY22a 185 | -62 29 2024e 85 25 183 441 91 7 11 15 859 131 4 123 87 345 510 510 4 514 | -90 10 2025e 94 28 207 445 92 9 11 15 901 148 4 53 104 309 589 589 4 593 |
| Financing cahflow Net cashflow Balance Sheet US\$M Cash Receivables Inventories PPE Associate investment Capitalised exploration Intangibles Other Assets Payables Provisions Debt Other Liabilities Capital Equity attributable Minorities Equity Half year splits Alloy shipments, kt Sales adj., US\$M | -181 -15 2022a 62 32 235 446 81 4 11 15 886 181 5 255 46 486 396 396 4 400 | -76 -7 2023e 55 21 158 442 91 6 11 15 799 114 3 168 65 350 445 445 4 449 | -62 29 2024e 85 25 183 441 91 7 11 15 859 131 4 123 87 345 510 510 4 514 | -90 10 2025e 94 28 207 445 92 9 11 15 901 148 4 53 104 309 589 4 593 |
| Receivables Inventories PPE Associate investment Capitalised exploration Intangibles Other Assets Payables Provisions Debt Other Liabilities Capital Equity attributable Minorities Equity Half year splits Alloy shipments, kt | -181 -15 2022a 62 32 235 446 81 4 11 15 886 181 5 255 46 486 396 396 4 400 1H FY22a 183 | -76 -7 2023e 55 21 158 442 91 6 11 15 799 114 3 168 65 350 445 445 4 449 2H FY22a 185 365 | -62 29 2024e 85 25 183 441 91 7 11 15 859 131 4 123 87 345 510 510 4 514 1H FY23e 156 317 | -90 10 2025e 94 28 207 445 92 9 11 15 901 148 4 53 104 309 589 589 4 593 2H FY23e 165 |

| Physical Backeton | 2022- | 2022- | 2024- | 2025- |
|--|---------------------------------|---|---|---|
| Financial Metrics Wtd ave shares (M) | 2022a 739 | 2023e 739 | 2024e 739 | 2025e 739 |
| Wtd ave shared (M) | 739 | 739 | 739 | 739 |
| EPS growth % | 30% | -26% | 34% | 22% |
| Gearing (ND/ND+E) | 32% | 20% | 7% | -8% |
| Interest Cover (EBIT/net int) | 8.2x | 5.7x | 8.7x | 15.9x |
| Average ROE % | 21% | 14% | 16% | 17% |
| Average ROA % | 15% | 11% | 14% | 16% |
| Valuation multiples | 2022a | 2023e | 2024e | 2025e |
| P/E x | 4.3 | 5.7 | 4.3 | 3.7 |
| EV/EBITDA x Yield % | 3.2 2.2% | 4.4 3.5% | 3.6 4.6% | 3.3 5.5% |
| Company Valuation | | | | |
| Company Valuation NPV 10% nominal | | | | |
| Segment | | 0 | | 0 |
| Sarawak smelter | | 1,198 | | \$1.62 |
| Tax exemption | | 74 | | \$0.10 |
| Qinzhou smelter | | 7 | | \$0.01 |
| Bootu Creek & exploration | | 7 | | \$0.01 |
| Bootu Creek rehabilitation | | -13 | | -\$0.02 |
| Tshipi | | 225 | | \$0.30 |
| Marketing | | 254 -229 | | \$0.34 -\$0.31 |
| Corporate Working capital | | -229 -90 | | -\$0.31 |
| Net Cash attributable | | -268 | | -\$0.12 |
| Total | | 1,164 | | \$1.58 |
| Capital structure | | | | M |
| Ordinary shares | | _ | | 739 |
| Fully diluted | | | | 739 |
| Assumptions | 2022a | 2023e | 2024e | 2025e |
| FeSi Japan CIF, US\$/t | 1,907 | 1,632 | 1,495 | 1,512 |
| SiMn Japan, US\$/t | 1,315 | 1,049 | 988 | 999 |
| Si metal 553 US\$/t | 3,000 | 2,500 | 2,500 | 2,250 |
| Mn ore 44% China CIF US\$/dmtu | 6.13 | 5.26 | 5.03 | 5.08 |
| A\$:US\$ | 0.69 | 0.69 | 0.70 | 0.72 |
| | | | | |
| Shipments kt (100%): | | | | |
| FeSi | 147 | 118 | 120 | 120 |
| FeSi Mn alloys | 221 | 203 | 270 | 330 |
| FeSi | | | | |
| FeSi Mn alloys Si metal Total | 221 0 368 | 203 0 321 | 270 16 406 | 330 21 471 |
| FeSi Mn alloys Si metal | 221 0 | 203 0 | 270 16 | 330 21 |
| FeSi Mn alloys Si metal Total Ave realised price US\$/t alloy Cash costs US\$/t alloy | 221 0 368 1,764 | 203 0 321 1,318 1,047 | 270 16 406 1,246 968 | 330 21 471 1,234 959 |
| FeSi Mn alloys Si metal Total Ave realised price US\$/t alloy | 221 0 368 1,764 | 203 0 321 1,318 | 270 16 406 1,246 968 | 330 21 471 1,234 |
| FeSi Mn alloys Si metal Total Ave realised price US\$/t alloy Cash costs US\$/t alloy JORC Resources 100%: Bootu Creek | 221 0 368 1,764 | 203 0 321 1,318 1,047 Ore Mt | 270 16 406 1,246 968 | 330 21 471 1,234 959 grade % |
| FeSi Mn alloys Si metal Total Ave realised price US\$/t alloy Cash costs US\$/t alloy JORC Resources 100%: Bootu Creek Bryah Basin | 221 0 368 1,764 | 203 0 321 1,318 1,047 Ore Mt | 270 16 406 1,246 968 | 330 21 471 1,234 959 grade % 13.2% 21.0% |
| FeSi Mn alloys Si metal Total Ave realised price US\$/t alloy Cash costs US\$/t alloy JORC Resources 100%: Bootu Creek | 221 0 368 1,764 | 203 0 321 1,318 1,047 Ore Mt | 270 16 406 1,246 968 | 330 21 471 1,234 959 grade % |
| FeSi Mn alloys Si metal Total Ave realised price US\$/t alloy Cash costs US\$/t alloy JORC Resources 100%: Bootu Creek Bryah Basin Tshipi Total | 221 0 368 1,764 | 203 0 321 1,318 1,047 Ore Mt 6.9 1.8 431.7 | 270 16 406 1,246 968 | 330 21 471 1,234 959 grade % 13.2% 21.0% 33.2% |
| FeSi Mn alloys Si metal Total Ave realised price US\$/t alloy Cash costs US\$/t alloy JORC Resources 100%: Bootu Creek Bryah Basin Tshipi Total Atrributable | 221 0 368 1,764 | 203 0 321 1,318 1,047 Ore Mt 6.9 1.8 431.7 | 270 16 406 1,246 968 | 330 21 471 1,234 959 grade % 13.2% 21.0% 33.2% 32.8% |
| FeSi Mn alloys Si metal Total Ave realised price US\$/t alloy Cash costs US\$/t alloy JORC Resources 100%: Bootu Creek Bryah Basin Tshipi Total Atrributable Bootu Creek (100%) | 221 0 368 1,764 | 203 0 321 1,318 1,047 Ore Mt 6.9 1.8 431.7 440.4 | 270 16 406 1,246 968 | 330 21 471 1,234 959 grade % 13.2% 21.0% 33.2% 32.8% |
| FeSi Mn alloys Si metal Total Ave realised price US\$/t alloy Cash costs US\$/t alloy JORC Resources 100%: Bootu Creek Bryah Basin Tshipi Total Atrributable Bootu Creek (100%) Bryah Basin (51%) | 221 0 368 1,764 | 203 0 321 1,318 1,047 Ore Mt 6.9 1.8 431.7 440.4 | 270 16 406 1,246 968 | 330 21 471 1,234 959 grade % 13.2% 21.0% 32.8% 13.2% 21.0% |
| FeSi Mn alloys Si metal Total Ave realised price US\$/t alloy Cash costs US\$/t alloy JORC Resources 100%: Bootu Creek Bryah Basin Tshipi Total Atrributable Bootu Creek (100%) | 221 0 368 1,764 | 203 0 321 1,318 1,047 Ore Mt 6.9 1.8 431.7 440.4 | 270 16 406 1,246 968 | 330 21 471 1,234 959 grade % 13.2% 21.0% 33.2% 32.8% |
| FeSi Mn alloys Si metal Total Ave realised price US\$/t alloy Cash costs US\$/t alloy JORC Resources 100%: Bootu Creek Bryah Basin Tshipi Total Atrributable Bootu Creek (100%) Bryah Basin (51%) Tshipi (13%) | 221 0 368 1,764 | 203 0 321 1,318 1,047 Ore Mt 6.9 1.8 431.7 440.4 6.9 0.9 56.1 | 270 16 406 1,246 968 | 330 21 471 1,234 959 grade % 13.2% 21.0% 33.2% 13.2% 21.0% 33.2% |
| FeSi Mn alloys Si metal Total Ave realised price US\$/t alloy Cash costs US\$/t alloy JORC Resources 100%: Bootu Creek Bryah Basin Tshipi Total Atrributable Bootu Creek (100%) Bryah Basin (51%) Tshipi (13%) | 221 0 368 1,764 | 203 0 321 1,318 1,047 Ore Mt 6.9 1.8 431.7 440.4 6.9 0.9 56.1 | 270 16 406 1,246 968 | 330 21 471 1,234 959 grade % 13.2% 21.0% 33.2% 32.8% 13.2% 21.0% 33.2% 30.9% |
| FeSi Mn alloys Si metal Total Ave realised price US\$/t alloy Cash costs US\$/t alloy JORC Resources 100%: Bootu Creek Bryah Basin Tshipi Total Atrributable Bootu Creek (100%) Bryah Basin (51%) Tshipi (13%) Total Substantial shareholders Huang Gang Amplewood Resources Ltd | 221 0 368 1,764 | 203 0 321 1,318 1,047 Ore Mt 6.9 1.8 431.7 440.4 6.9 0.9 56.1 | 270 16 406 1,246 968 | 330 21 471 1,234 959 grade % 13.2% 21.0% 33.2% 32.8% 13.2% 21.0% 33.2% 30.9% |
| FeSi Mn alloys Si metal Total Ave realised price US\$/t alloy Cash costs US\$/t alloy JORC Resources 100%: Bootu Creek Bryah Basin Tshipi Total Atrributable Bootu Creek (100%) Bryah Basin (51%) Tshipi (13%) Total Substantial shareholders Huang Gang Amplewood Resources Ltd Low Ngee Tong | 221 0 368 1,764 | 203 0 321 1,318 1,047 Ore Mt 6.9 1.8 431.7 440.4 6.9 0.9 56.1 | 270 16 406 1,246 968 | 330 21 471 1,234 959 grade % 13.2% 21.0% 33.2% 31.2% 21.0% 33.2% 30.9% |
| FeSi Mn alloys Si metal Total Ave realised price US\$/t alloy Cash costs US\$/t alloy JORC Resources 100%: Bootu Creek Bryah Basin Tshipi Total Atrributable Bootu Creek (100%) Bryah Basin (51%) Tshipi (13%) Total Substantial shareholders Huang Gang Amplewood Resources Ltd | 221 0 368 1,764 | 203 0 321 1,318 1,047 Ore Mt 6.9 1.8 431.7 440.4 6.9 0.9 56.1 | 270 16 406 1,246 968 | 330 21 471 1,234 959 grade % 13.2% 21.0% 33.2% 32.8% 13.2% 21.0% 33.2% 30.9% |
| FeSi Mn alloys Si metal Total Ave realised price US\$/t alloy Cash costs US\$/t alloy JORC Resources 100%: Bootu Creek Bryah Basin Tshipi Total Atrributable Bootu Creek (100%) Bryah Basin (51%) Tshipi (13%) Total Substantial shareholders Huang Gang Amplewood Resources Ltd Low Ngee Tong | 221 0 368 1,764 | 203 0 321 1,318 1,047 Ore Mt 6.9 1.8 431.7 440.4 6.9 0.9 56.1 | 270 16 406 1,246 968 | 330 21 471 1,234 959 grade % 13.2% 21.0% 33.2% 31.2% 21.0% 33.2% 30.9% |



COMMODITY PRICES

Figure 1: Commodity Price Revisions

| Y/e Dec | Unit | | FY22a | FY23e | FY24e | FY25e | FY26e | LT |
|------------------|-----------|------|-------|-------|-------|-------|-------|-------|
| FeSi Japan CIF | US\$/t | New | 1,907 | 1,632 | 1,495 | 1,512 | 1,541 | 1,369 |
| | | Old | 1,907 | 1,669 | 1,428 | 1,413 | 1,393 | 1,422 |
| | | Chng | 0% | -2% | 5% | 7% | 11% | -4% |
| SiMn Japan CIF | US\$/t | New | 1,315 | 1,049 | 988 | 999 | 1,018 | 1,040 |
| • | | Old | 1,315 | 1,084 | 1,067 | 1,079 | 1,101 | 1,124 |
| | | Chng | 0% | -3% | -7% | -7% | -7% | -7% |
| Si 553 metal | US\$/t | New | 3,000 | 2,500 | 2,500 | 2,250 | 1,800 | 1,800 |
| | | Old | 3,000 | 2,500 | 2,500 | 2,250 | 1,800 | 1,800 |
| | | Chng | 0% | 0% | 0% | 0% | 0% | 0% |
| Mn 44% China CIF | US\$/dmtu | New | 6.13 | 5.26 | 5.03 | 5.08 | 5.18 | 5.29 |
| | | Old | 6.13 | 5.26 | 5.03 | 5.08 | 5.18 | 5.29 |
| | | Chng | 0% | 0% | 0% | 0% | 0% | 0% |
| A\$ | US\$ | New | 0.69 | 0.69 | 0.70 | 0.72 | 0.73 | 0.73 |
| | | Old | 0.69 | 0.69 | 0.70 | 0.72 | 0.73 | 0.73 |
| | | Chng | 0% | 0% | 0% | 0% | 0% | 0% |

Source: Foster Stockbroking estimates.



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