NCL

1HFY22 Result Review: BUY Stance Maintained



Equity Research | Textile Composite | Monday, 21 February, 2022

NCL has announced its 1HFY22 result where it posted a profit after tax of Rs4.709bn (EPS: Rs 19.61) as compared to profit after tax of Rs1.768bn (EPS: Rs 7.36) in the same period last year, up by 166.4% YoY.

The company has posted a revenue of Rs31.035bn against Rs25.215bn in SPLY, recording a growth of 23% YoY. We note that this growth is attributed to the revival of exports amid ease in international lockdowns.

The gross margin has been expanded to 22.5% as compared to 13.8% in SPLY on account of higher international prices. SG&A expenses have increased by 18.9% YoY to Rs906mn as compared to Rs762mn during SPLY.

Other Income has been increased by 57% YoY to Rs864mn as compared to Rs551mn during SPLY. Finance cost has been decreased by 15.8% YoY to Rs956mn as compared to Rs1135mn in SPLY.

NCL is currently trading at FY22E PE of 1.28x. Furthermore, it is also trading at a FY22E PB of 0.47x which offers a discount of 41% relative to its 5-year average of 0.79x. We have a **BUY** stance on the scrip with a DCF based Dec-22 TP of Rs75 which provides an upside potential of 45%. Furthermore, the scrip also provides a dividend yield of 16% which makes the cumulative return of 61%.

| Rupees' millions | 2QFY22 | 2QFY21 | YoY | 1HFY22 | 1HFY21 | YoY |
|-------------------------|--------|--------|----------|--------|--------|----------|
| Net Sales | 16,229 | 13,275 | 22.3% 🛦 | 31,035 | 25,215 | 23.1% 🛦 |
| Cost of Sales | 12,540 | 11,062 | 13.4% ▲ | 24,036 | 21,726 | 10.6% ▲ |
| Gross Profit | 3,689 | 2,214 | 66.6% ▲ | 6,998 | 3,489 | 100.6% ▲ |
| | | | | | | |
| SG&A Expenses | 506 | 412 | 23.0% ▲ | 906 | 762 | 18.9% ▲ |
| Other Expenses | 102 | 41 | 145.8% ▲ | 292 | 83 | 250.2% ▲ |
| Other Income | 153 | 345 | 55.7% ▼ | 864 | 551 | 56.7% ▲ |
| Operating Profit | 3,233 | 2,106 | 53.6% ▲ | 6,021 | 3,195 | 88.4% 🛦 |
| | | | | | | |
| Finance Cost | 553 | 676 | 18.1% ▼ | 956 | 1,135 | 15.8% ▼ |
| Profit Before Taxation | 2,680 | 1,430 | 87.4% ▲ | 5,065 | 2,060 | 145.8% ▲ |
| Taxation | 188 | 142 | 32.0% ▲ | 355 | 292 | 21.7% 🛦 |
| Profit After Taxation | 2,492 | 1,288 | 93.5% 🛦 | 4,709 | 1,768 | 166.4% ▲ |
| | | | | | | |
| Earnings Per Share | 10.38 | 5.36 | 93.5% 🛦 | 19.61 | 7.36 | 166.4% ▲ |
| Dividend | 3.00 | 0.00 | - | 3.00 | 0.00 | - |
| Bonus | 0% | 0% | | 0% | 0% | |
| | | | | | | |
| Gross Margin | 22.7% | 16.7% | 6.1% ▲ | 22.5% | 13.8% | 8.7% 🛦 |
| SG&A Expenses to Sales | 3.1% | 3.1% | 0.0% 🛦 | 2.9% | 3.0% | 0.1% ▼ |
| Other Expenses to Sales | 0.6% | 0.3% | 0.3% 🛦 | 0.9% | 0.3% | 0.6% ▲ |
| Other Income to Sales | 0.9% | 2.6% | 1.7% ▼ | 2.8% | 2.2% | 0.6% ▲ |
| Effective Taxation | 7.0% | 10.0% | 2.9% ▼ | 7.0% | 14.2% | 7.2% ▼ |
| Net Margin | 15.4% | 9.7% | 5.7% ▲ | 15.2% | 7.0% | 8.2% ▲ |

Source: ACPL Research, Company Financials



Abbasi and Company (Pvt.) Ltd.

Financial Projections

| Rupees' millions | FY19A | FY20A | FY21A | FY22E | FY23E | FY24E | FY25E |
|--------------------------|----------|----------|----------|----------|----------|----------|----------|
| Revenue | 39,338 | 35,667 | 49,284 | 61,559 | 64,260 | 67,085 | 70,040 |
| Cost of sales | - 34,450 | - 31,462 | - 40,315 | - 47,482 | - 52,411 | - 56,864 | - 59,391 |
| Gross profit | 4,888 | 4,204 | 8,969 | 14,078 | 11,849 | 10,221 | 10,649 |
| | | | | | | | |
| Distribution cost | - 944 | - 869 | - 1,161 | - 1,540 | - 1,606 | - 1,675 | - 1,748 |
| Administrative expenses | - 278 | - 324 | - 312 | - 230 | - 240 | - 251 | - 262 |
| Other operating expenses | - 274 | - 95 | - 340 | - 585 | - 610 | - 637 | - 665 |
| Profit from operations | 3,392 | 2,916 | 7,156 | 11,723 | 9,392 | 7,658 | 7,973 |
| | | | | | | | |
| Other income | 2,454 | 454 | 864 | 447 | 457 | 647 | 647 |
| Finance cost | - 2,178 | - 2,661 | - 1,747 | - 1,686 | - 1,536 | - 1,430 | - 1,329 |
| Profit before income tax | 3,668 | 709 | 6,273 | 10,484 | 8,314 | 6,875 | 7,292 |
| | | | | | | | |
| Income tax expense | - 501 | - 444 | - 674 | - 760 | - 603 | - 498 | - 529 |
| Profit for the year | 3,168 | 265 | 5,599 | 9,724 | 7,711 | 6,376 | 6,763 |
| | | | | | | | |
| EPS | 13.19 | 1.11 | 23.32 | 40.50 | 32.11 | 26.55 | 28.17 |
| EBITDA | 4,319 | 3,828 | 8,316 | 13,167 | 10,830 | 9,090 | 9,400 |

Source: ACPL Research, Company Financials

Horizontal Analysis

| | FY19A | FY20A | FY21A | FY22E | FY23E | FY24E | FY25E |
|--------------------------|---------|---------|----------|---------|---------|---------|--------|
| Revenue | 10.62% | -9.33% | 38.18% | 24.91% | 4.39% | 4.40% | 4.40% |
| Cost of sales | 10.10% | -8.67% | 28.14% | 17.78% | 10.38% | 8.50% | 4.44% |
| Gross profit | 14.43% | -13.98% | 113.33% | 56.96% | -15.83% | -13.74% | 4.18% |
| | | | | | | | |
| Distribution cost | 3.92% | -7.94% | 33.55% | 32.73% | 4.29% | 4.29% | 4.30% |
| Administrative expenses | 25.14% | 16.58% | -3.80% | -26.40% | 4.56% | 4.56% | 4.57% |
| Other operating expenses | 112.11% | -65.30% | 258.24% | 71.78% | 4.39% | 4.40% | 4.40% |
| Profit from operations | 12.62% | -14.02% | 145.41% | 63.81% | -19.88% | -18.47% | 4.12% |
| | | | | | | | |
| Other income | 116.85% | -81.50% | 90.31% | -48.22% | 2.25% | 41.43% | 0.07% |
| Finance cost | 57.41% | 22.19% | -34.34% | -3.50% | -8.92% | -6.88% | -7.08% |
| Profit before income tax | 32.91% | -80.67% | 784.54% | 67.13% | -20.70% | -17.31% | 6.07% |
| | | | | | | | |
| Income tax expense | 26.13% | -11.37% | 51.93% | 12.72% | -20.70% | -17.31% | 6.07% |
| Profit for the year | 34.04% | -91.62% | 2009.84% | 73.68% | -20.70% | -17.31% | 6.07% |
| | | | | | | | |
| EPS | 34.04% | -91.62% | 2009.84% | 73.68% | -20.70% | -17.31% | 6.07% |
| EBITDA | | -11.36% | 117.22% | 58.33% | -17.75% | -16.07% | 3.41% |

Source: ACPL Research, Company Financials

Abbasi and Company (Pvt.) Ltd.

Key Ratios

| Note | ney natios | | | | | | | | |
|--|----------------------|------|--------|--------|--------|--------|--------|--------|--------|
| NP Margin | Profitability Ratios | | FY19A | FY20A | FY21A | FY22E | FY23E | FY24E | FY25E |
| Prince | GP Margin | % | 12.42 | 11.79 | 18.20 | 22.87 | 18.44 | 15.24 | 15.20 |
| ROE % 20.66 1.95 2.9.47 3.651 2.3.59 16.91 15.72 ROCE % 17.85 14.79 27.88 37.34 22.21 14.57 13.45 ROA % 7.28 0.56 10.81 18.48 12.22 8.09 8.48 Liquidity Ratios FY20A FY20A FY21A FY22E FY22E FY22E FY22E FY22E FY22E FY22E FY22E FY22A A.00 1.01 Activity Ratios FY19A FY20A FY21A FY22E FY28E FY22E FY22E FY28E FY28E FY22E FY28E FY22E FY28E FY22E | NP Margin | % | 8.05 | 0.74 | 11.36 | 15.80 | 12.00 | 9.50 | 9.66 |
| ROCE % 17.85 14.79 27.88 37.34 22.21 14.57 13.45 ROA % 7.28 0.56 10.81 18.48 12.22 8.69 8.48 Liquidity Ratios FY19A FY20A FY21B FY2E | OP Margin | % | 8.62 | 8.18 | 14.52 | 19.04 | 14.62 | 11.41 | 11.38 |
| Clay | ROE | % | 20.65 | 1.95 | 29.47 | 36.51 | 23.59 | 16.91 | 15.72 |
| Liquidity Ratios FY19A FY20A FY21A FY22E FY32E FY24E FY25E 30.0 Quick x 1.38 1.04 1.25 1.61 2.15 2.05 3.01 Activity Ratios FY23A FY20A FY21A FY22E FY28E FY28E FY28E FY28E Immediately 1.08 2.01 1.01 2.09 2.18 1.09 1.82 1.02 1.01 1.02 | ROCE | % | 17.85 | 14.79 | 27.88 | 37.34 | 22.21 | 14.57 | 13.45 |
| Current x 1.18 1.04 1.25 1.61 2.15 2.65 3.01 Quick x 0.41 0.25 0.35 0.32 0.56 0.77 1.01 Activity Ratios FY19A FY20A FY21A FY22E FY23E FY28E FY28E Investory Investory x 2.63 1.76 2.11 2.39 2.18 1.94 1.82 Inventory Days 3.03 207.3 172.94 152.46 61.77 161.28 60.88 Receivables Days 3.012 51.69 37.06 51.69 | ROA | % | 7.28 | 0.56 | 10.81 | 18.48 | 12.22 | 8.69 | 8.48 |
| Current x 1.18 1.04 1.25 1.61 2.15 2.65 3.01 Quick x 0.41 0.25 0.35 0.32 0.56 0.77 1.01 Activity Ratios FY19A FY20A FY21A FY22E FY23E FY28E FY28E Investory Investory x 2.63 1.76 2.11 2.39 2.18 1.94 1.82 Inventory Days 3.03 207.3 172.94 152.46 61.77 161.28 60.88 Receivables Days 3.012 51.69 37.06 51.69 | Linuida, Datin | | EV4.0A | EV20A | EV24 A | EV22E | FV22F | EV24E | EVALE |
| Cuick x 0.41 0.25 0.35 0.32 0.56 0.77 1.01 Activity Ratios PY19A PY20A FY21A FY22E FY23E FY24E PY25E Inventory Turnover x 2.63 1.76 2.11 2.39 2.18 1.94 1.82 Inventory Turnover x 2.63 1.76 6.52.8 6.23 6.17.7 61.28 20.05 Receivables Days 30.12 51.69 37.06 65.28 62.28 61.77 61.28 60.22 Departing Cycle 30.12 51.69 37.06 51.69 61.60 51.69 51.69 61.60 61.60 61.60 | | | | | | | | | |
| Activity Ratios | | | | | | | | | |
| Inventory Turnover | Quick | Х | 0.41 | 0.25 | 0.35 | 0.32 | 0.56 | 0.77 | 1.01 |
| 138.63 207.13 172.94 152.46 167.15 187.67 200.55 2 | Activity Ratios | | FY19A | FY20A | FY21A | FY22E | FY23E | FY24E | FY25E |
| Receivables Days 92.87 71.56 65.28 62.28 61.77 61.28 0.82 Payables Days 30.12 51.69 37.06 51.69 51.69 51.69 51.69 51.69 50.69 50.69 50.69 50.69 50.69 50.69 50.69 50.69 50.69 50.69 50.00 80.00 100.00 50.00 8.50 70.00 5.50 60.00 60.00 50.00 8.50 70.00 5.50 60.00 10.50 50.00 8.50 70.00 5.50 60.00 10.50 10.00 5.00 8.50 70.00 5.50 60.00 10.50 10.00 5.00 8.50 70.00 5.50 60.00 10.50 10.00 10.00 10.00 5.00 8.00 10.00 10.50 10.00 10.50 60.00 10.50 10.00 10.50 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 <t< td=""><td>Inventory Turnover</td><td>х</td><td>2.63</td><td>1.76</td><td>2.11</td><td>2.39</td><td>2.18</td><td>1.94</td><td>1.82</td></t<> | Inventory Turnover | х | 2.63 | 1.76 | 2.11 | 2.39 | 2.18 | 1.94 | 1.82 |
| Payables Days 30.12 51.69 37.06 51.69 51.69 51.69 51.69 50.69 70.60 4.69 4.69 4.69 4.69 4.69 4.69 4.69 4.69 4.69 4.69 4.69 4.69 4.69 4.69 4.69 4.69 4.69 <td>Inventory Days</td> <td></td> <td>138.63</td> <td>207.13</td> <td>172.94</td> <td>152.46</td> <td>167.15</td> <td>187.67</td> <td>200.55</td> | Inventory Days | | 138.63 | 207.13 | 172.94 | 152.46 | 167.15 | 187.67 | 200.55 |
| Operating Cycle 201.38 227.00 201.15 163.05 177.23 197.26 209.88 Investment Ratios FY19A FY20A FY21A FY2E FY2E< | Receivables Days | | 92.87 | 71.56 | 65.28 | 62.28 | 61.77 | 61.28 | 60.82 |
| Investment Ratios | Payables Days | | 30.12 | 51.69 | 37.06 | 51.69 | 51.69 | 51.69 | 51.69 |
| DPS 4.00 1.00 5.00 8.50 7.00 5.50 6.00 Div. Yield % 7.71 1.93 9.64 16.38 13.49 10.60 11.56 Dividend Cover x 3.30 1.11 4.66 4.76 4.59 4.83 4.69 Retention % 69.68 9.52 78.56 79.01 78.20 79.29 78.70 Payout % 30.32 90.48 21.44 20.99 21.80 20.71 21.30 No. of Shares ('m) 240.12 | Operating Cycle | | 201.38 | 227.00 | 201.15 | 163.05 | 177.23 | 197.26 | 209.68 |
| DPS 4.00 1.00 5.00 8.50 7.00 5.50 6.00 Div. Yield % 7.71 1.93 9.64 16.38 13.49 10.60 11.56 Dividend Cover x 3.30 1.11 4.66 4.76 4.59 4.83 4.69 Retention % 69.68 9.52 78.56 79.01 78.20 79.29 78.70 Payout % 30.32 90.48 21.44 20.99 21.80 20.71 21.30 No. of Shares ('m) 240.12 | | | | | | | | | |
| Div. Yield % 7.71 1.93 9.64 16.38 13.49 10.60 11.55 Dividend Cover x 3.30 1.11 4.66 4.76 4.59 4.83 4.69 Retention % 69.68 9.52 78.56 79.01 78.20 79.29 78.70 Payout % 30.32 90.48 21.44 20.99 21.80 20.71 21.30 No. of Shares ('m) 240.12 | | | | | | | | | |
| Dividend Cover x 3.30 1.11 4.66 4.76 4.59 4.83 4.69 Retention % 69.68 9.52 78.56 79.01 78.20 79.29 78.70 Payout % 30.32 90.48 21.44 20.99 21.80 20.71 21.30 No. of Shares ('m) 240.12 24 | | | | | | | | | |
| Retention % 69.68 9.52 78.56 79.01 78.20 79.29 78.70 Payout % 30.32 90.48 21.44 20.99 21.80 20.71 21.30 No. of Shares ('m) 240.12 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | | | |
| Payout % 30.32 90.48 21.44 20.99 21.80 20.71 21.30 No. of Shares ('m) 240.12 | Dividend Cover | | 3.30 | 1.11 | 4.66 | 4.76 | 4.59 | 4.83 | 4.69 |
| No. of Shares ('m) 240.12 24 | Retention | % | 69.68 | 9.52 | 78.56 | 79.01 | 78.20 | 79.29 | 78.70 |
| EPS 13.19 1.11 23.32 40.50 32.11 26.55 28.17 BVPS 63.88 56.79 79.11 110.92 136.15 157.01 179.14 P/E x 3.93 46.95 2.23 1.28 1.62 1.95 1.84 Sales per share 163.83 148.54 205.25 256.37 267.62 279.38 291.69 P/BV x 0.81 0.91 0.66 0.47 0.38 0.33 0.29 P/S x 0.32 0.35 0.25 0.20 0.19 0.19 0.18 Solvency Ratios FY19A FY20A FY21A FY22E FY3E FY24E FY25E Total Debt to Equity x 1.62 2.13 1.48 0.61 0.45 0.36 0.29 L.T Debt to Equity x 0.31 0.48 0.48 0.11 0.06 0.04 0.02 Total Debt to Assets x 0.57 | <u> </u> | | 30.32 | 90.48 | 21.44 | 20.99 | 21.80 | 20.71 | |
| BVPS 63.88 56.79 79.11 110.92 136.15 157.01 179.14 P/E | No. of Shares | ('m) | 240.12 | 240.12 | 240.12 | 240.12 | 240.12 | 240.12 | 240.12 |
| P/E x 3.93 46.95 2.23 1.28 1.62 1.95 1.84 Sales per share 163.83 148.54 205.25 256.37 267.62 279.38 291.69 P/BV x 0.81 0.91 0.66 0.47 0.38 0.33 0.29 P/S x 0.32 0.35 0.25 0.20 0.19 0.19 0.18 Solvency Ratios FY19A FY20A FY21A FY22E FY23E FY24E FY25E Total Debt to Equity x 1.62 2.13 1.48 0.61 0.45 0.36 0.29 L.T Debt to Equity x 0.31 0.48 0.48 0.11 0.06 0.04 0.02 Total Debt to Assets x 0.57 0.61 0.54 0.31 0.23 0.18 0.16 L.T Debt to Assets x 0.11 0.14 0.18 0.06 0.03 0.02 0.01 | EPS | | 13.19 | 1.11 | 23.32 | 40.50 | 32.11 | 26.55 | 28.17 |
| Sales per share 163.83 148.54 205.25 256.37 267.62 279.38 291.69 P/BV x 0.81 0.91 0.66 0.47 0.38 0.33 0.29 P/S x 0.32 0.35 0.25 0.20 0.19 0.19 0.18 Solvency Ratios FY19A FY20A FY21A FY22E FY23E FY24E FY25E Total Debt to Equity x 1.62 2.13 1.48 0.61 0.45 0.36 0.29 LT Debt to Equity x 0.31 0.48 0.48 0.11 0.06 0.04 0.02 Total Debt to Assets x 0.57 0.61 0.54 0.31 0.23 0.18 0.16 LT Debt to Assets x 0.11 0.14 0.18 0.06 0.03 0.02 0.01 | BVPS | | 63.88 | 56.79 | 79.11 | 110.92 | 136.15 | 157.01 | 179.14 |
| P/BV x 0.81 0.91 0.66 0.47 0.38 0.33 0.29 P/S x 0.32 0.35 0.25 0.20 0.19 0.19 0.18 Solvency Ratios FY19A FY20A FY21A FY22E FY23E FY24E FY25E Total Debt to Equity x 1.62 2.13 1.48 0.61 0.45 0.36 0.29 L.T Debt to Equity x 0.31 0.48 0.48 0.11 0.06 0.04 0.02 Total Debt to Assets x 0.57 0.61 0.54 0.31 0.23 0.18 0.16 L.T Debt to Assets x 0.11 0.14 0.18 0.06 0.03 0.02 0.01 | P/E | х | 3.93 | 46.95 | 2.23 | 1.28 | 1.62 | 1.95 | 1.84 |
| P/S X 0.32 0.35 0.25 0.20 0.19 0.19 0.18 Solvency Ratios FY19A FY20A FY21A FY2E FY23E FY24E FY25E Total Debt to Equity X 1.62 2.13 1.48 0.61 0.45 0.36 0.29 L.T Debt to Equity X 0.31 0.48 0.48 0.11 0.06 0.04 0.02 Total Debt to Assets X 0.57 0.61 0.54 0.31 0.23 0.18 0.16 L.T Debt to Assets X 0.11 0.14 0.18 0.06 0.03 0.02 0.01 | Sales per share | | 163.83 | 148.54 | 205.25 | 256.37 | 267.62 | 279.38 | 291.69 |
| Solvency Ratios FY19A FY20A FY21A FY22E FY23E FY24E FY25E Total Debt to Equity x 1.62 2.13 1.48 0.61 0.45 0.36 0.29 L.T Debt to Equity x 0.31 0.48 0.48 0.11 0.06 0.04 0.02 Total Debt to Assets x 0.57 0.61 0.54 0.31 0.23 0.18 0.16 L.T Debt to Assets x 0.11 0.14 0.18 0.06 0.03 0.02 0.01 | P/BV | х | 0.81 | 0.91 | 0.66 | 0.47 | 0.38 | 0.33 | 0.29 |
| Total Debt to Equity x 1.62 2.13 1.48 0.61 0.45 0.36 0.29 L.T Debt to Equity x 0.31 0.48 0.48 0.11 0.06 0.04 0.02 Total Debt to Assets x 0.57 0.61 0.54 0.31 0.23 0.18 0.16 L.T Debt to Assets x 0.11 0.14 0.18 0.06 0.03 0.02 0.01 | P/S | Х | 0.32 | 0.35 | 0.25 | 0.20 | 0.19 | 0.19 | 0.18 |
| Total Debt to Equity x 1.62 2.13 1.48 0.61 0.45 0.36 0.29 L.T Debt to Equity x 0.31 0.48 0.48 0.11 0.06 0.04 0.02 Total Debt to Assets x 0.57 0.61 0.54 0.31 0.23 0.18 0.16 L.T Debt to Assets x 0.11 0.14 0.18 0.06 0.03 0.02 0.01 | Solvency Ratios | | FY19A | FY20A | FY21A | FY22E | FY23E | FY24E | FY25E |
| L.T Debt to Equity x 0.31 0.48 0.48 0.11 0.06 0.04 0.02 Total Debt to Assets x 0.57 0.61 0.54 0.31 0.23 0.18 0.16 L.T Debt to Assets x 0.11 0.14 0.18 0.06 0.03 0.02 0.01 | • | X | | | | | | | 0.29 |
| Total Debt to Assets x 0.57 0.61 0.54 0.31 0.23 0.18 0.16 L.T Debt to Assets x 0.11 0.14 0.18 0.06 0.03 0.02 0.01 | · · | | | | | | | | 0.02 |
| L.T Debt to Assets x 0.11 0.14 0.18 0.06 0.03 0.02 0.01 | | | | | | | | | 0.16 |
| | | | | | | | | | 0.01 |
| | Interest Cover | X | 1.56 | 1.10 | 4.10 | 6.95 | 6.12 | 5.36 | 6.00 |

Source: ACPL Research, Company Financials

Abbasi and Company (Pvt.) Ltd.

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DEFINITION OF TERMS

| TP | Target Price | CAGR | Compound Annual Growth Rate | FCF | Free Cash Flows |
|------|---------------------------|------|-----------------------------|------|------------------------|
| FCFE | Free Cash Flows to Equity | FCFF | Free Cash Flows to Firm | DCF | Discounted Cash Flows |
| PE | Price to Earnings Ratio | PB | Price to Book Ratio | BVPS | Book Value Per Share |
| EPS | Earnings Per Share | DPS | Dividend Per Share | ROE | Return of Equity |
| ROA | Return on Assets | SOTP | Sum of the Parts | LDCP | Last Day Closing Price |

VALUATION METHODOLOGY

To arrive at our Target Price, Abbasi & Company (Private) Limited uses different valuation methods which include:

- I. Discounted Cash Flow Model
- II. Dividend Discount Model
- III. Relative Valuation Model
- IV. Sum of Parts Valuation

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| Stock Rating | Expected Total Return |
|--------------|----------------------------|
| BUY | Greater than 15% |
| HOLD | Between -5% to 15% |
| SELL | Less than and equal to -5% |

| Sector Rating | Sector Outlook |
|---------------|----------------|
| Overweight | Positive |
| Market Weight | Neutral |
| Underweight | Negative |

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