

Financial Modelling and Valuation Report

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Bottlers Nepal (Terai) Limited - One Page Profile

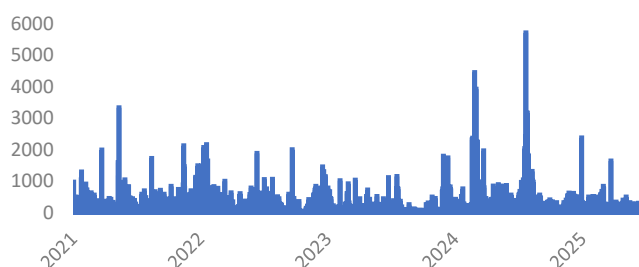


Recognized as one of the most prestigious multinational companies in Nepal, Bottlers Nepal (Terai) Limited (BNTL) is a publicly listed company with over 38 years of operation in Nepal. It is primarily engaged in the production, manufacture, sale, and distribution of carbonated beverages and packaged drinking water under brands such as Coca-Cola®, Sprite®, Fanta®, Coke-Zero®, and Kinley®. BNTL, along with its parent company Bottlers Nepal Limited (BNL), holds the exclusive rights as the authorized bottler and supplier of The Coca-Cola Company (TCCC) in Nepal.

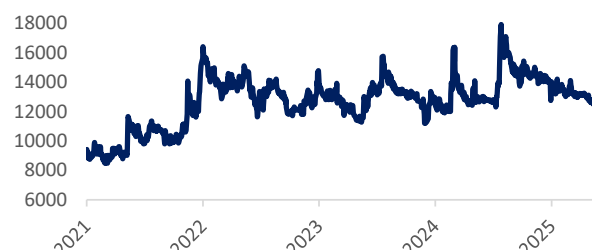
NRS MM

Key Financial Metrics	3/77	3/78	3/79	3/80	3/81
Total Revenue	4,693	6,164	9,114	9,320	8,771
Revenue Growth (y-o-y)	-15.91%	31.34%	47.85%	2.26%	-5.89%
Gross Profit Margin (%)	25.36%	28.53%	26.28%	25.32%	24.75%
EBITDA Margin (%)	16.08%	20.65%	18.37%	16.47%	14.51%
EBIT Margin (%)	6.21%	12.86%	12.81%	11.01%	8.22%
Net Profit Margin (%)	0.12%	6.87%	6.87%	6.85%	3.87%
Earnings Per Share (Rs)	4.65	350.18	517.15	527.96	280.73
EPS Growth (y-o-y)	-98.76%	7426.56%	47.68%	2.09%	-46.83%
Dividend Per Share (Rs)	40	0	0	60	60

Volume - 5Y



Share Price - 5Y



Key Financial Ratios	3/77	3/78	3/79	3/80	3/81
Price to Earning (P/E)	1,333.0x	35.0x	30.0x	26.0x	46.0x
Price to Book (P/B)	3.3x	5.5x	5.6x	4.3x	3.8x
EV / EVITDA	14.9x	13.9x	12.5x	12.7x	14.4x
EV / Sales	2.4x	2.9x	2.3x	2.1x	2.1x
Return on Equity (%)	0.25%	15.74%	18.87%	16.35%	8.13%
Return on Capital Employed (%)	6.57%	18.06%	25.09%	21.95%	14.69%

Shareholding	N. Shares	Percentage	Market Value (MM)
Bottlers Nepal Limited	1,098,427	90.78%	13631.47907
Other Shareholders	111,528	9.22%	1384.06248
Total	1,209,955	100.00%	15015.54155

Capital Structure

Market Capitalization	15015.54155
Less: Cash & Equivalent	-20.09588
Add: Debt	2589.715495
Enterprise Value	17585.16117

Note: The shareholding and market capitalization information are as of Jestha 25

Disclaimer: This report is made as part of educational assignment purpose only. The author of this report is not liable for any losses due to action taken on basis of this report.

Historical Financial Statement - Bottlers Nepal (Terai) Limited								
Years	3/74	3/75	3/76	3/77	3/78	3/79	3/80	3/81
Income Statement								
Revenue	4,574.0	5,658.4	5,581.4	4,693.3	6,164.4	9,114.1	9,320.0	8,771.3
Revenue Growth		23.71%	-1.36%	-15.91%	31.34%	47.85%	2.26%	-5.89%
COGS	2,886.7	3,361.8	3,490.3	3,039.8	3,925.6	6,212.2	6,450.6	6,049.0
COGS % Sales		16.46%	3.82%	-12.91%	29.14%	58.25%	3.84%	-6.23%
Gross Profit	1,687.3	2,296.6	2,091.1	1,653.5	2,238.8	2,901.8	2,869.4	2,722.3
Gross Margin	36.89%	40.59%	37.47%	35.23%	36.32%	31.84%	30.79%	31.04%
Other Operating income	65.1	59.8	229.8	154.6	47.2	84.4	80.9	31.8
Selling & General Expenses	877.2	1,160.1	1,289.4	1,053.7	1,013.2	1,311.7	1,415.4	1,481.3
S&G Exp % Sales	19.18%	20.50%	23.10%	22.45%	16.44%	14.39%	15.19%	16.89%
EBITDA	875.3	1,196.3	1,031.5	754.5	1,272.8	1,674.6	1,534.9	1,272.9
EBITDA Margins	19.14%	21.14%	18.48%	16.08%	20.65%	18.37%	16.47%	14.51%
Interest	60.6	30.4	43.8	283.0	280.2	203.5	311.1	272.7
Interest % Sales	1.32%	0.54%	0.78%	6.03%	4.54%	2.23%	3.34%	3.11%
Depreciation	225.4	254.6	363.1	463.2	479.9	507.1	509.1	551.8
Depreciation% Sales	4.93%	4.50%	6.50%	9.87%	7.79%	5.56%	5.46%	6.29%
Earnings Before Tax	589.3	911.3	624.7	8.3	512.6	964.0	714.7	448.4
EBT % Sales	12.88%	16.11%	11.19%	0.18%	8.32%	10.58%	7.67%	5.11%
Tax	106.7	170.0	171.1	2.6	88.9	338.3	75.9	108.8
Effective Tax Rate	18.10%	18.66%	27.39%	31.83%	17.35%	35.09%	10.61%	24.25%
Net Profit	482.6	741.3	453.5	5.6	423.7	625.7	638.8	339.7
Net Margins	10.55%	13.10%	8.13%	0.12%	6.87%	6.87%	6.85%	3.87%
No of Equity Shares	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
Earnings per Share	398.86	612.67	374.83	4.65	350.18	517.15	527.96	280.73
EPS Growth %		53.60%	-38.82%	-98.76%	7426.56%	47.68%	2.09%	-46.83%
Dividend per Share	28.4	25.0	40.0	40.0	-	-	60.0	60.0
Dividend payout ratio	5.88%	3.37%	8.82%	710.52%	-	-	9.39%	17.66%
Retained Earnings	94.12%	96.63%	91.18%	0.00%	100.00%	100.00%	90.61%	82.34%

Historical Financial Statement - Bottlers Nepal (Terai) Limited								
Years	3/74	3/75	3/76	3/77	3/78	3/79	3/80	3/81
Financial Position								
Property, Plant and Equipment	2,776.2	2,887.9	6,076.2	6,158.9	5,807.2	5,677.4	5,712.6	5,526.5
Intangible Assets	72.3	57.9	40.2	54.5	30.5	13.5	6.1	10.6
Advances	-	-	6.6	1.0	0.3	0.7	1.7	5.1
Total Non-Current Assets	2,848.5	2,945.8	6,123.1	6,214.4	5,838.0	5,691.5	5,720.5	5,542.2
Cash and Cash Equivalents	309.6	24.6	251.2	219.7	248.3	91.4	19.0	20.1
Trade Receivables	69.4	159.5	133.8	125.8	223.7	255.1	431.0	923.4
Inventories	858.8	884.9	861.1	1,086.8	1,114.1	1,496.4	1,887.1	2,710.2
Other Current Asset	117.6	234.3	377.6	676.3	614.1	794.3	1,183.2	900.6
Current Assets	1,355.3	1,303.4	1,623.6	2,108.7	2,200.2	2,637.2	3,520.3	4,554.3
Total Assets	4,203.8	4,249.2	7,746.7	8,323.1	8,038.3	8,328.7	9,240.7	10,096.5
Borrowings	810.6	496.6	1,599.3	2,245.6	2,070.3	1,842.6	2,776.4	2,589.7
Trade Payables	1,275.8	797.0	1,437.3	763.6	344.0	581.1	513.7	1,220.4
Other Current Liability	502.3	596.0	943.5	882.4	1,235.1	1,251.9	1,277.7	1,375.9
Current liability	2,588.7	1,889.6	3,980.1	3,891.6	3,649.4	3,675.5	4,567.8	5,186.0
Equity Share Capital	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0
Reserve and Surplus	1,145.8	1,866.0	2,219.9	2,145.1	2,570.8	3,196.0	3,787.3	4,055.9
Borrowing	-	-	959.0	1,700.4	1,130.4	560.4	-	-
Other Non Current Liability	348.4	372.5	466.8	465.0	566.6	775.8	764.6	733.6
Total equity and liability	4,203.8	4,249.2	7,746.7	8,323.1	8,038.3	8,328.7	9,240.7	10,096.5
Cash Flow Statements								
Operating Activities								
Profit for the year	589.3	911.3	624.7	8.3	512.6	964.0	714.7	448.4
Adjustments for non cash and non operating	332.8	341.8	459.8	827.2	854.3	801.8	910.4	926.4
Working capital adjustments:								
Trade payable and other liabilities	500.6	(370.4)	959.4	(775.4)	(74.7)	332.3	57.3	838.8
Provisions	15.4	28.6	45.1	41.4	38.4	34.6	(12.6)	(52.0)
Trade and other receivables	77.4	(215.1)	36.8	12.1	(102.9)	(263.4)	(85.4)	(520.2)
Loans and advances	(2.6)	7.5	(160.3)	(297.4)	68.3	52.8	(482.8)	290.0
Inventories	(3.6)	(26.1)	23.8	(225.7)	(27.3)	(382.3)	(390.7)	(823.1)
Cash generated from operations	1,509.4	677.7	1,989.3	(409.4)	1,268.8	1,539.8	710.8	1,108.4
Direct taxes paid (net of refunds)	(71.1)	(180.0)	(138.0)	(35.1)	(11.7)	(242.9)	(146.1)	(101.0)
NET CASH FLOWS FROM OPERATING ACTIVITIES	1,438.2	497.6	1,851.4	(444.6)	1,257.1	1,296.9	564.8	1,007.4
Investing Activities								
Acquisition of Property, plant and Equipment	(435.0)	(405.0)	(3,619.2)	(617.7)	(198.5)	(451.6)	(635.1)	(459.1)
Purchase of Intangibles	(78.3)	(3.7)	(0.4)	(36.8)	-	-	-	(14.7)
Proceeds from sale of Property, Plant and Equipment	5.4	-	19.2	7.4	0.1	0.2	8.0	1.7
Interest Received	0.7	10.6	15.7	16.0	9.4	10.8	7.0	0.2
NET CASH FLOWS FROM INVESTING ACTIVITIES	(507.1)	(398.2)	(3,584.7)	(631.2)	(189.0)	(440.6)	(620.1)	(471.9)
Financing Activities								
Repayment of Borrowings	(544.2)	(314.0)	2,061.6	1,387.7	(745.3)	(797.8)	373.4	(186.7)
Interest paid	(63.9)	(40.2)	(53.3)	(295.0)	(294.3)	(215.4)	(317.9)	(275.1)
Dividend paid	(34.3)	(30.3)	(48.4)	(48.4)	-	-	(72.6)	(72.6)
NET CASH FLOWS FROM FINANCING ACTIVITIES	(642.4)	(384.5)	1,959.9	1,044.3	(1,039.5)	(1,013.1)	(17.1)	(534.4)
INCREASE/(DECREASE) IN CASH AND CASH EQUIVALENTS	288.7	(285.0)	226.6	(31.4)	28.5	(156.9)	(72.4)	1.1
CASH AND CASH EQUIVALENTS, Beginning of Year	20.8	309.6	24.6	251.2	219.7	248.3	91.4	19.0
CASH AND CASH EQUIVALENTS, End of Year	309.6	24.6	251.2	219.7	248.3	91.4	19.0	20.1

Ratio Analysis

Historical Financial Statement - Bottlers Nepal (Terai) Limited										
Years	3/74	3/75	3/76	3/77	3/78	3/79	3/80	3/81	Average	Median
SalesGrowth	23.71%	-1.36%	-15.91%	31.34%	47.85%	2.26%	-5.89%	11.71%	2.26%	
EBITDA Growth	36.68%	-13.78%	-26.85%	68.69%	31.57%	-8.34%	-17.07%	10.13%	-8.34%	
EBIT Growth	44.90%	-29.02%	-56.43%	172.22%	47.26%	-12.14%	-29.70%	19.58%	-12.14%	
Net Profit Growth	53.60%	-38.82%	-98.76%	7426.56%	47.68%	2.09%	-46.83%	1049.36%	2.09%	
Dividend Growth	-11.86%	60.00%	0.00%	-100.00%	0.00%	0.00%	0.00%	-7.41%	0.00%	
Gross Margin	36.89%	40.59%	37.47%	35.23%	36.32%	31.84%	30.79%	31.04%	35.02%	35.77%
EBITDA Margin	19.14%	21.14%	18.48%	16.08%	20.65%	18.37%	16.47%	14.51%	18.10%	18.43%
EBIT Margin	14.21%	16.64%	11.98%	6.21%	12.86%	12.81%	11.01%	8.22%	11.74%	12.39%
EBT Margin	12.88%	16.11%	11.19%	0.18%	8.32%	10.58%	7.67%	5.11%	9.00%	9.45%
Net Profit Margin	10.55%	13.10%	8.13%	0.12%	6.87%	6.87%	6.85%	3.87%	7.05%	6.87%
SalesExpenses%Sales	19.18%	20.50%	23.10%	22.45%	16.44%	14.39%	15.19%	16.89%	18.52%	18.03%
Depreciation%Sales	4.93%	4.50%	6.50%	9.87%	7.79%	5.56%	5.46%	6.29%	6.36%	5.93%
OperatingIncome%Sales	14.21%	16.64%	11.98%	6.21%	12.86%	12.81%	11.01%	8.22%	11.74%	12.39%
Return on Capital Employed	40.24%	39.91%	17.75%	6.57%	18.06%	25.09%	21.95%	14.69%	23.03%	20.01%
Retained Earnings%	94.12%	96.63%	91.18%	0.00%	100.00%	100.00%	90.61%	82.34%	81.86%	92.65%
Return on Equity%	38.10%	37.31%	19.37%	0.25%	15.74%	18.87%	16.35%	8.13%	19.26%	17.61%
Self Sustained Growth Rate	35.86%	36.05%	17.67%	0.00%	15.74%	18.87%	14.81%	6.70%	18.21%	16.70%
Interest Coverage Ratio	10.7x	31.0x	15.3x	1.0x	2.8x	5.7x	3.3x	2.6x	906.85%	451.69%
Debtor Turnover Ratio	65.9x	35.5x	41.7x	37.3x	27.6x	35.7x	21.6x	9.5x	3435.26%	3560.47%
Creditor Turnover Ratio	2.3x	4.2x	2.4x	4.0x	11.4x	10.7x	12.6x	5.0x	656.31%	458.72%
Inventory Turnover	3.4x	3.8x	4.1x	2.8x	3.5x	4.2x	3.4x	2.2x	341.70%	347.10%
Fixed Asset Turnover	1.6x	1.9x	0.9x	0.8x	1.1x	1.6x	1.6x	1.6x	138.32%	159.28%
Capital Turnover Ratio	2.8x	2.4x	1.5x	1.1x	1.4x	2.0x	2.0x	1.8x	1.9x	1.9x
Receivable Days	6days	10days	9days	10days	13days	10days	17days	38days	14	10
Payable Days	161days	87days	150days	92days	32days	34days	29days	74days	82	80
Inventory Days	109days	96days	90days	130days	104days	88days	107days	164days	111	105
Cash Conversion Cycle	-47days	20days	-52days	49days	85days	64days	95days	128days	43	56
CFO/Sales	33.00%	11.98%	35.64%	-8.72%	20.58%	16.89%	7.63%	12.64%	16.20%	14.77%
CFO/Total Assets	35.90%	15.95%	25.68%	-4.92%	15.78%	18.49%	7.69%	10.98%	15.69%	15.87%
CFO/Total Debt	186.21%	136.46%	77.76%	-10.38%	39.64%	64.08%	25.60%	42.80%	70.27%	53.44%

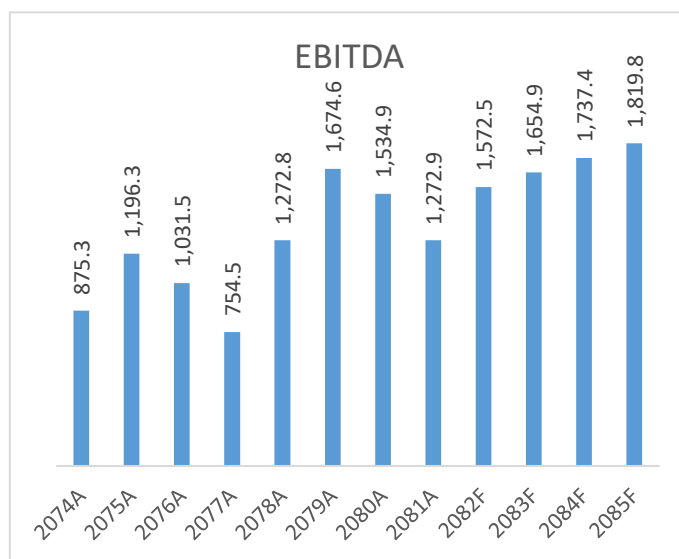
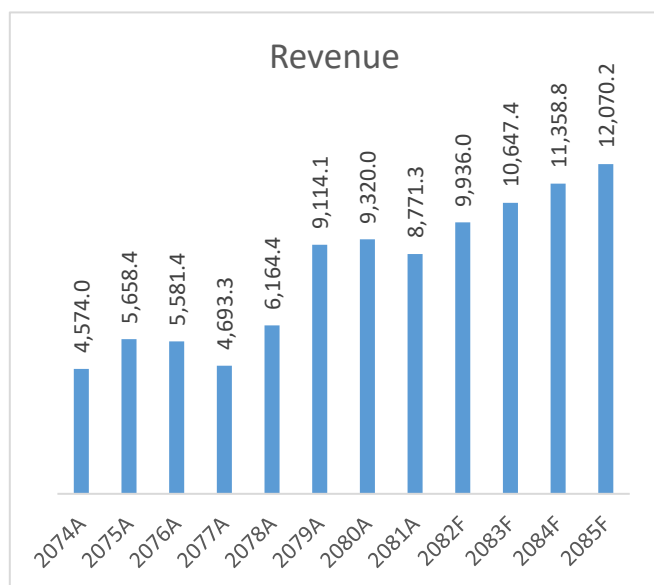
Forecasting

BNT - Revenue Forecasting

Weight	Year	Revenue	Sales Growth
1	2074A	4,574.0	
2	2075A	5,658.4	23.71%
3	2076A	5,581.4	-1.36%
4	2077A	4,693.3	-15.91%
5	2078A	6,164.4	31.34%
6	2079A	9,114.1	47.85%
7	2080A	9,320.0	2.26%
8	2081A	8,771.3	-5.89%
9	2082F	9,936.0	13.28%
10	2083F	10,647.4	7.16%
11	2084F	11,358.8	6.68%
12	2085F	12,070.2	6.26%

BNT - EBITDA Forecasting

Weight	Year	EBITDA	EBITDA Growth
1	2074A	875.3	
2	2075A	1,196.3	36.68%
3	2076A	1,031.5	-13.78%
4	2077A	754.5	-26.85%
5	2078A	1,272.8	68.69%
6	2079A	1,674.6	31.57%
7	2080A	1,534.9	-8.34%
8	2081A	1,272.9	-17.07%
9	2082F	1,572.5	23.54%
10	2083F	1,654.9	5.24%
11	2084F	1,737.4	4.98%
12	2085F	1,819.8	4.74%



Intrinsic Growth

Calculation of Return on Invested Capital	3/74	3/75	3/76	3/77	3/78	3/79	3/80	3/81
Current Asset								
Cash and Cash Equivalents	309.554222	24.596265	251.193165	219.747662	248.292117	91.440582	19.029812	20.09588
Trade Receivables	69.389872	159.498307	133.768295	125.846265	223.739003	255.060128	430.985174	923.384395
Inventories	858.816554	884.929294	861.125131	1086.79771	1114.07167	1496.36679	1887.076286	2710.19907
Other Current Asset	117.577254	234.337156	377.559304	676.287577	614.129995	794.314856	1183.19732	900.647803
Total Current Assets	1,355.3	1,303.4	1,623.6	2,108.7	2,200.2	2,637.2	3,520.3	4,554.3
Current Liabilities								
Borrowings	810.6	496.6	1,599.3	2,245.6	2,070.3	1,842.6	2,776.4	2,589.7
Trade Payables	1,275.8	797.0	1,437.3	763.6	344.0	581.1	513.7	1,220.4
Other Current Liability	502.3	596.0	943.5	882.4	1,235.1	1,251.9	1,277.7	1,375.9
Total Current Liabilities	2,588.7	1,889.6	3,980.1	3,891.6	3,649.4	3,675.5	4,567.8	5,186.0
Net Working Capital	(1,233.4)	(586.3)	(2,356.4)	(1,782.9)	(1,449.2)	(1,038.3)	(1,047.6)	(631.7)
Non Current Assets								
Property, Plant and Equipment	2,776.2	2,887.9	6,076.2	6,158.9	5,807.2	5,677.4	5,712.6	5,526.5
Intangible Assets	72.3	57.9	40.2	54.5	30.5	13.5	6.1	10.6
Total Non Current Assets	2,848.5	2,945.8	6,116.4	6,213.4	5,837.8	5,690.9	5,718.7	5,537.0
Invested Capital	1,615.1	2,359.5	3,760.0	4,430.5	4,388.5	4,652.5	4,671.2	4,905.3
EBIT	649.9	941.7	668.4	291.2	792.8	1,167.5	1,025.8	721.1
ROIC	40.24%	39.91%	17.78%	6.57%	18.07%	25.09%	21.96%	14.70%
Calculation of Reinvestment Rate	3/74	3/75	3/76	3/77	3/78	3/79	3/80	3/81
Net Capex	507.9	408.7	3,600.4	647.2	198.4	451.4	627.1	472.1
Change In Working Capital		647.1	(1,770.1)	573.5	333.7	410.9	(9.2)	415.8
EBIT	649.9	941.7	668.4	291.2	792.8	1,167.5	1,025.8	721.1
Marginal Rate	16%	16%	16%	16%	16%	16%	16%	16%
EBIT(1-T)	545.9	791.0	561.5	244.6	666.0	980.7	861.7	605.7
Reinvestment		1,055.8	1,830.3	1,220.7	532.1	862.3	617.9	887.9
Reinvestment Rate		133.47%	325.97%	498.95%	79.90%	87.92%	71.71%	146.59%
							7 Year Average	192.07%
							7 Year Median	192.07%
							Forecasted	66.33%
Calculation of Growth Rate				3/77	3/78	3/79	3/80	3/81
Reinvestment Rate		133.47%	325.97%	498.95%	79.90%	87.92%	71.71%	146.59%
ROIC		39.91%	17.78%	6.57%	18.07%	25.09%	21.96%	14.70%
Intrinsic Growth		53.27%	57.95%	32.80%	14.43%	22.06%	15.75%	21.55%
							7 Year Average	31.12%
							7 Year Median	22.06%

Beta Regression

Regression Beta - 2 Years Weekly

Bottlers Nepal (Terai) Limited Weekly Returns

Date	Closing Price	Return
4/16/2023	11907	
4/23/2023	11650	-2.16%
4/30/2023	11450	-1.72%
5/7/2023	11670	1.92%
5/14/2023	11600	-0.60%
5/21/2023	13005	12.11%
5/28/2023	12362.4	-4.94%
6/4/2023	13000	5.16%
6/11/2023	13083	0.64%
6/18/2023	13431	2.66%
6/25/2023	13426	-0.04%
7/2/2023	13394.6	-0.23%
7/9/2023	13800	3.03%
7/17/2023	15695	13.73%
7/23/2023	14601	-6.97%
7/30/2023	14405	-1.34%
8/6/2023	14406	0.01%
8/13/2023	14300	-0.74%
8/20/2023	13525	-5.42%
8/27/2023	13377	-1.09%
9/3/2023	13200	-1.32%
9/11/2023	13464	2.00%
9/17/2023	13500.1	0.27%
9/24/2023	13300	-1.48%
10/2/2023	13000	-2.26%
10/8/2023	13000	0.00%
10/16/2023	13363	2.79%
10/29/2023	13158	-1.53%
11/5/2023	12703	-3.46%
11/20/2023	12590	-0.89%
11/26/2023	11200	-11.04%
12/3/2023	11315.1	1.03%
12/11/2023	12443.1	9.97%
12/17/2023	13100	5.28%
12/24/2023	12580	-3.97%
1/1/2024	12350.2	-1.83%
1/7/2024	12750	3.24%
1/14/2024	12446	-2.38%
1/21/2024	12001	-3.58%
1/28/2024	11900	-0.84%
2/4/2024	12300	3.36%
2/11/2024	12011	-2.35%
2/18/2024	13950	16.14%
3/3/2024	14000	0.36%

Nepse Returns

Closing Price	Return
1904.4	
1889.73	-0.77%
1869.73	-1.06%
1838.59	-1.67%
1877.32	2.11%
1959.12	4.36%
1866.34	-4.74%
1939.61	3.93%
2042.07	5.28%
2055.53	0.66%
2150.99	4.64%
2049.38	-4.72%
2084.93	1.73%
2163.92	3.79%
2126.48	-1.73%
2089.84	-1.72%
2066.05	-1.14%
2033.13	-1.59%
2013.93	-0.94%
1990.59	-1.16%
1932.45	-2.92%
2007.06	3.86%
2029.78	1.13%
2004.3	-1.26%
1956.92	-2.36%
1874.6	-4.21%
1903.84	1.56%
1847.7	-2.95%
1852.08	0.24%
1860.2	0.44%
1858.53	-0.09%
1852.77	-0.31%
1994.6	7.66%
2109.1	5.74%
2068.9	-1.91%
2049.28	-0.95%
2088.99	1.94%
2155.82	3.20%
2084.09	-3.33%
2067.01	-0.82%
2096.38	1.42%
2062.03	-1.64%
2005.83	-2.73%
2030.55	1.23%

Beta Drifting

Levered Raw Beta	0.63
Raw Beta Weight	75.00%
Market Beta	1.00
Market Beta Weight	25.00%

Adjusted Beta	0.72
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SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.369776
R Square	0.136734
Adjusted R Square	0.128187
Standard Error	0.048776
Observations	103

ANOVA	
	df
Regression	1
Residual	101
Total	102

Coefficients	
Intercept	-0.000271
X Variable 1	0.626557

Weighted Average Cost of Capital

All figures are in NRP unless stated otherwise.

Cost of Debt

Pre-tax Cost of Debt	10.06%
Tax Rate	16.00%
After Tax Cost of Debt	8.45%

Cost of Equity

Risk Free Rate	10.00%
Equity Risk Premium	3.12%
Levered Beta 4	0.72
Cost of Equity	12.25%

Capital Structure

		Current
Total Debt	2,589.72	14.58%
Market Capitalization	15,175.82	85.42%
Total Capitalization	17,765.5	100.00%
Debt / Equity		17.06%

Weighted Average Cost of Capital

Cost of Equity	12.25%
Equity Weight	85.42%
Cost of Debt	8.45%
Debt Weight	14.58%
WACC	11.69%

DCF Valuation

Calculation of PV of FCFF	3/81A	3/82F	3/83F	3/84F	3/85F	3/86F
EBIT	721.1	945.5	1,239.7	1,625.4	2,131.2	2,794.4
Tax Rate	16%	16%	16%	16%	16%	16%
EBIT (1-T)	605.7	794.2	1,041.3	1,365.4	1,790.2	2,347.3
Less: Reinvestment rate	0.7	0.7	0.7	0.7	0.7	0.7
Free Cash Flow to Firm (FCFF)	203.9	267.4	350.6	459.7	602.8	790.3
Mid Year Convention		0.5	1.5	2.5	3.5	4.5
Discounting Factor		0.946	0.847	0.758	0.679	0.608
PV of FCFF		253.0	297.0	348.7	409.3	480.5

Expected Growth	31.12%
Terminal Growth	4.5%
WACC	11.69%

Calculation of Terminal Value	
FCFF(n+1)	1,036.2
WACC	11.69%
Terminal Growth Rate	4.50%

Terminal Value	14,406.7
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Calculation of Intrinsic Value of Equity Share	
PV of FCFF	1,788.6
PV of Terminal Value	14,406.7
Enterprise Value	16,195.3

Add: Cash	20.1
Less: Debt	2,589.7
Equity Value	13,625.7
No. of shares	1.2

Intrinsic Value of Equity Share	11,260.9
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Current Share Price	12410 As of 06/09/2025
Premium/(Discount)	1.1x

Note: The company is special industry as defined u/s 11 of Income Tax Act 2058, the normal applicable tax rate for which is 20%. Company has further availed rebate of 20% provided to special industries employing 300 or more Nepalese employees during the year. Therefore tax rate applicable for income from special industry is 16%.

Sensitivity Analysis: Terminal Value					
Terminal Value ↑	WACC →				
	9.00%	11.69%	13.00%	15.00%	
	4.00%	20724.89	13470.35	11513.83	9420.406
	5.00%	25906.12	15483.01	12953.06	10362.45
	6.50%	42123.77	20110.38	16040.94	12248.76
	7.00%	51812.23	22081.66	17270.74	12953.06
	8.00%	103624.5	28061.34	20724.89	14803.5

Comparable Company Valuation

Figures in MM

Company	Ticker	Market Data					Financials			Valuation		
		Share Price	Shares Outstanding	Equity Value	Net Debt	Enterprise Value	Revenue	EBITDA	Net Income	EV/Revenue	EV/EBITDA	P/E
Bottlers Nepal Terai	BNT	12410	1.21	15,016	2,569.62	12,446	8,771	1,273	340	1.42x	9.78x	44.21x
Unilever Nepal Limited	UNL	46000	0.92	42,366	(858.53)	41,507	8,481	4,678	1,955	4.89x	8.87x	21.67x
Bottlers Nepal Limited	BNL	15584	1.95	30,372	3,114.09	33,486	11,227	3,574	383	2.98x	9.37x	79.30x
Himalayan Distillery	HDL	1177	30.73	36,173	(1,239.20)	34,934	4,155	483	356	8.41x	72.29x	101.60x
Average										4.43x	25.08x	61.69x
Median										3.94x	9.57x	61.75x

BNT Comparable Valuation										EV/Revenue	EV/EBITDA	P/E
Implied Enterprise Value										34,546	12,187	23,546
Net Debt										2,570	2,570	2,570
Implied Market Value										31,976	9,617	20,976
Shares Outstanding										1.21	1.21	1.21
Implied value per Share										26,426	7,948	17,336
										Overvalued	Undervalued	Overvalued

Monte Carlo Simulation

Date	Close	Shorted Return	Replication	Simulated Returns
12/17/2017	7800	0.114	1	0.063
7/24/2024	16412	0.100	2	0.017
2/28/2024	16144.7	0.100	3	(0.019)
11/15/2021	13007.5	0.100	4	0.008
11/14/2021	11825	0.100	5	0.006
5/11/2021	10065	0.100	6	(0.002)
12/10/2017	6490	0.100	7	0.085
5/21/2017	6644	0.100	8	(0.011)
5/18/2017	6040	0.100	9	0.001
5/17/2017	5491	0.100	10	(0.005)
5/12/2021	11071	0.100	11	(0.001)
11/24/2020	10400	0.100	12	0.022
2/21/2024	13194	0.100	13	(0.000)
11/19/2020	9290	0.100	14	0.011
2/19/2020	7727	0.100	15	(0.027)
2/20/2020	8499	0.100	16	(0.049)
11/18/2020	8446	0.100	17	0.003
5/15/2017	4539	0.100	18	0.005
5/16/2017	4992	0.100	19	0.001
12/26/2021	14598	0.098	20	0.000
9/6/2021	10699	0.092	21	0.030
5/6/2024	14069.8	0.090	22	0.008
12/2/2020	9599	0.088	23	(0.012)
2/27/2024	14677	0.087	24	(0.000)
5/23/2017	7354	0.085	25	(0.015)
3/5/2020	7423	0.082	26	(0.013)
7/25/2017	7300	0.081	27	(0.008)
8/16/2018	6075	0.081	28	(0.007)
11/16/2021	14051	0.080	29	0.054
7/20/2023	15695	0.079	30	0.014
4/8/2018	6167	0.078	31	0.060
10/31/2021	11104	0.078	32	0.026
4/30/2024	13500	0.076	33	(0.009)
11/17/2022	12700	0.075	34	(0.004)
12/6/2021	12600	0.074	35	0.029
7/23/2024	14920	0.073	36	0.003
1/19/2020	6650	0.073	37	(0.055)
6/29/2022	13050	0.070	38	(0.017)
11/9/2020	7350	0.069	39	(0.000)
12/22/2020	8550	0.069	40	0.047
1/26/2021	9750	0.066	41	0.026
12/29/2022	14650	0.065	42	0.013
3/25/2021	9500	0.063	43	0.041
3/10/2021	9019	0.063	44	(0.014)
1/3/2021	9422	0.062	45	0.003
7/29/2022	14115	0.061	46	(0.015)
3/4/2024	16344.4	0.061	47	0.034
1/1/2025	13530	0.061	48	(0.055)
7/14/2022	13530	0.061	49	0.004
7/19/2023	14550	0.060	50	0.005
12/13/2017	7140	0.060	51	0.027
10/1/2024	15038	0.059	52	(0.002)

Calculation of Value at Risk - BNT (Simulation)

Historical Approach

Mean	0.0011
Std. Dev	0.0268
Min	(0.0999)
Max	0.1140
CMP	12410

Monte Carlo Simulation

Mean	0.0010
Std Deviation	0.0270
Min	(0.0995)
Max	0.1099
CMP	12410

Percentile	Confidence	VAR	Stock Price	VAR (NRP)
5.00%	95%	-0.04349	12,949.7	(539.7)
1.00%	99%	-0.06184	13,177.4	(767.4)
0.10%	100%	-0.0823	13,431.3	(1,021.3)

