RESULT UPDATE



KEY DATA

Rating	BUY
Sector relative	Neutral
Price (INR)	243
12 month price target (INR)	280
52 Week High/Low	267/191
Market cap (INR bn/USD bn)	1,259/14.6
Free float (%)	35.7
Avg. daily value traded (INR mn)	2,753.0

SHAREHOLDING PATTERN

	Jun-25	Mar-25	Dec-24
Promoter	64.0%	64.0%	64.0%
FII	8.1%	9.0%	8.9%
DII	19.1%	18.2%	17.9%
Pledge	0%	0%	0%

FINANCIALS (INR mn)				
Year to March	FY24A	FY25A	FY26E	FY27E
Revenue	592169	623060	682477	761828
PPoP	309652	324346	364514	415590
Adjusted profit	177888	195811	209233	224863
Diluted EPS (INR)	34.4	37.9	40.4	43.4
EPS growth (%)	26.2	10.1	6.7	7.5
RoAE (%)	16.9	15.7	14.4	13.8
P/E (x)	7.1	6.4	6.0	5.6
P/ABV (x)	1.2	1.0	0.9	0.8

CHANGE IN ESTIMATES

	Revised estimates		% Revision	
Year to March	FY26E	FY27E	FY26E	FY27E
Revenue	6,82,477	7,61,828	1.0%	-0.2%
PPOP	3,64,514	4,15,590	2.0%	-0.4%
Adjusted profit	2,09,233	2,24,863	2.4%	-0.3%
Diluted EPS (INR)	40.4	43.4	2.4%	-0.3%

PRICE PERFORMANCE



Q1FY26 – A mixed bag

BoB reported a mixed bag with slower loan growth, higher slippage and a more resilient NIM in Q1FY26. Loans fell 2% QoQ versus growth for PSU peers. NIM appears more resilient, down 7bp QoQ. Slippage shot up 21% QoQ—versus a decline for PSU peers—due to an overseas loan and an uptick in PL NPLs. Core RoA: 76bp versus 94bp QoQ.

BoB's international loan quality has been more volatile than peers, yet growth in overseas is faster than domestic. While NIM fell less than peers due to bulk deposit repricing and slower MCLR cuts given that the EBLR book at 48% is not very different from peers, we see higherthan-peers' NIM decline in subsequent quarters. We are revising earnings and TP to INR280/1x BV FY26E from INR260; maintain 'BUY'.

Slower growth; NIM declines 8bp on revised methodology

Gross loans fell 3% QoQ/grew 12% YoY with overseas loans growing 3% QoQ/14% YoY while domestic loans declined 3% QoQ. Retail grew 2% QoQ; MSME stayed flat QoQ. Corporate loans dipped 10% QoQ. The CEO mentioned that lower demand and corporate deleveraging affected growth. Total deposits contracted 3% QoQ, but grew 9% YoY. Domestic SA declined 3% QoQ while domestic CA fell 17% QoQ. Domestic deposit cost decreased 11bp QoQ driven by repricing of bulk deposits while domestic yield declined 15bp QoQ. Domestic NIM fell 10bp QoQ while overseas NIM improved 5bp QoQ. NII declined 1% YoY/0.5% QoQ. Trading gains rose sharply from INR12.5bn to INR18.9bn. Core fees slowed to 10% YoY from 13% in Q4. Income from TWO declined 34% QoQ. Opex grew 14% YoY/fell 3% QoQ, which is a seasonal decline. Core PPOP declined 3% QoQ/12% YoY. Specific credit cost rose from 42bp to 56bp QoQ while total provisions rose from 51bp to 66bp QoQ. PAT grew 2% YoY, but fell 10% QoQ. Reported RoA stood at 1.03%, but RoA extrading gains was lower at 76bp versus 94bp QoQ. While BoB's NIM decline is lower than peers, its EBLR book at 48% (35% RRLR, 7% T-bill, 6% g-sec linked) is not materially different from peers. BoB has been slower than peers in cutting MCLR—only 10bp since Feb-25 versus 35bp/25bp by Canara/Union. About 70% of RTD to reprice during the year.

Slippage and credit cost rose QoQ

Slippage rose 21% QoQ to 1.4% of lagged loans from 1.2% QoQ. For peer PSU banks, slippage fell QoQ in Q1FY26. Slippage usually rises for PSU banks in Q4 (audit quarter) and comes off in Q1. An overseas loan of INR5bn slipped. This loan was restructured during Covid and upgraded, but is under stress again and is undergoing international resolution. The bank has provided 40%. We note that BoB has shown frequent volatility in overseas slippage vis-a-vis peers. Retail slippage also shot up 38% QoQ led by PL. Specific credit cost rose 30% QoQ to 56bp of loans.

Financials

Year to March	Q1FY26	Q1FY25	% Change	Q4FY25	% Change
Net Interest Income	1,61,093	1,40,873	14.4%	1,62,295	-0.7%
Pre-provisioning Profits	82,365	71,613	15.0%	81,321	1.3%
Reported Profits	45,414	44,582	1.9%	50,477	-10.0%
EPS	8.78	8.62	1.9%	9.76	-10.0%

Mahrukh Adajania Mahrukh.Adajania@nuvama.com Madhukar Ladha madhukar.ladha@nuvama.com **Anant Dumbhare** Anant.Dumbhare@nuvama.com

Financial Statements

Income Statement (INR mn)

Year to March	FY24A	FY25A	FY26E	FY27E
Net interest income	4,47,215	4,65,176	4,95,972	5,65,917
Non interest income	1,44,954	1,57,884	1,86,506	1,95,911
Net revenues	5,92,169	6,23,060	6,82,477	7,61,828
Operating expense	2,82,517	2,98,714	3,17,963	3,46,238
Employee exp	1,58,160	1,66,076	1,76,041	1,90,124
Other opex	1,24,357	1,32,637	1,41,922	1,56,114
Preprovision profit	3,09,652	3,24,346	3,64,514	4,15,590
Provisions	60,756	59,802	79,844	1,05,434
PBT	2,48,896	2,64,544	2,84,671	3,10,155
Taxes	71,008	68,732	75,438	85,293
PAT	1,77,888	1,95,811	2,09,233	2,24,863
Extraordinaries	0	0	0	0
Reported PAT	1,77,888	1,95,811	2,09,233	2,24,863
Diluted EPS (INR)	34.4	37.9	40.4	43.4

Important Ratios (%)

Year to March	FY24A	FY25A	FY26E	FY27E
Net interest margins	3.2	3.0	2.8	2.9
Cost-income	47.7	47.9	46.6	45.4
Tax rate	28.5	26.0	26.5	27.5

Valuation Metrics

Year to March	FY24A	FY25A	FY26E	FY27E
Diluted PE (x)	7.1	6.4	6.0	5.6
Price/BV (x)	1.2	1.0	0.9	0.8

Source: Company and Nuvama estimates

Balance Sheet (INR mn)

Year to March	FY24A	FY25A	FY26E	FY27E
Equity capital	10,355	10,355	10,355	10,355
Reserves	11,11,881	13,58,902	15,26,137	17,05,958
Net worth	11,22,236	13,69,257	15,36,492	17,16,313
Deposits	1,33,51,364	1,47,20,348	1,61,92,383	1,81,35,469
Borrowings	9,44,023	12,37,162	14,22,736	15,93,464
Other liabilities	4,40,348	4,85,706	5,58,562	6,42,346
Total	1,58,57,971	1,78,12,473	1,97,10,173	2,20,87,593
Assets				
Loans	1,06,57,817	1,20,95,579	1,34,26,093	1,53,05,746
Investments	36,98,168	38,53,984	42,04,134	44,77,258
Cash & equi	9,51,241	12,58,492	14,21,275	15,86,548
Fixed assets	79,126	1,23,763	1,29,951	1,36,448
Other assets	4,71,618	4,80,655	5,28,721	5,81,593
Total	1,58,57,971	1,78,12,473	1,97,10,173	2,20,87,593
BV/share	207.3	246.3	278.7	313.5

Balance Sheet Ratios (%)

Year to March	FY24A	FY25A	FY26E	FY27E
Credit growth	13.3	13.5	11.0	14.0
Deposit growth	10.9	10.3	10.0	12.0
C-D ratio	79.8	82.2	82.9	84.4

ROA Decomposition (%)

Year to March	FY24A	FY25A	FY26E	FY27E
NII/Assets	2.9	2.8	2.6	2.7
Fees/Assets	0.4	0.3	0.3	0.3
Inv profits/Assets	0.1	0.1	0.3	0.2
Net revenues/assets	3.8	3.6	3.4	3.5
Opex/Assets	(1.9)	(1.8)	(1.7)	(1.7)
Provisions/Assets	(0.4)	(0.4)	(0.4)	(0.5)
Taxes/Assets	(0.5)	(0.4)	(0.4)	(0.4)
Total costs/Assets	(2.7)	(2.5)	(2.5)	(2.6)
RoA	1.2	1.2	1.1	1.1
Equity/Assets	6.9	7.4	7.7	7.8
RoAE	16.9	15.7	14.4	13.8

Valuation Drivers

Year to March	FY24A	FY25A	FY26E	FY27E
EPS growth (%)	26.2	10.1	6.7	7.5
RoAE	16.9	15.7	14.4	13.8

Q1FY26 earnings call takeaways

Management guidance

- NIMs may come under pressure in the near term, but management is confident
 of maintaining FY26 NIM in the range of 2.85%—3%, helped by the strong liability
 profile and lower cost of deposits.
- The bank continues to target increasing the RAM portfolio share to 64–65% over the next two to three years, from 62.7% currently.

Yields and Margins

- There was a reclassification during the quarter, wherein interest received on income tax refunds, previously reported under 'Other Income', is now included under 'Interest Income'.
- As a result of this change, NIM for Q1FY26 stands at 2.91%. Excluding the impact
 of this reclassification, NIM would have been 2.81%. Similarly, the Q4FY25 NIM,
 now restated at 2.98%, would have been 2.86% under the earlier classification.
- Yields on assets declined by 15bp QoQ. This was attributed to repricing of repolinked loans as well as the ongoing reduction in MCLR and external benchmarklinked rates.
- Management noted that cost of funds is expected to reduce by 15–17bp over the next quarter as bulk deposits and retail term deposits reprice lower. (Nearly 70–80% of deposits shall fall due for repricing for the rest of the year.)
- Management stated that Q2 will also see some margin pressure, with recovery expected in H2FY26.

Loan book

- Corporate loan book grew 4.2% YoY. Low growth was attributed to industry-wide
 deleveraging of corporates with strong cash flow positions. The bank still aims to
 upsize this growth, targeting 9–10% book growth for FY26.
- The bank has also consciously pruned its corporate loan book, shedding low-margin assets, particularly some fine-pricing exposures including some AAA-rated or PSU-led loans yielding sub-6%.
- The loan book is linked to various benchmark rates with the mix comprising 45% MCLR-linked, 35% EBLR, 7% T-bill-linked, 6% G-sec-linked and 6% fixed-rate loans.

Asset quality and recoveries

- GNPA and NNPA both saw an uptick of 2bp sequentially, rising to 2.26% to 2.28% and 0.58% to 0.60%, respectively.
- The bank emphasised that nearly all MSME loans are secured. Only a small
 proportion is unsecured, and those are backed by government guarantee
 schemes such as CGTMSE. New cash flow-based OD products are also being
 piloted for this segment, with careful risk frameworks.

- Total recoveries in Q1FY26 were lower on account of seasonal trends. The
 normal run-rate for recoveries from TWO is about INR7.5bn compared with
 INR6.34bn this quarter. The bank expects recovery levels to normalise over
 coming quarters and remains confident of surpassing its internally set target of
 INR100bn in total recoveries (including TWO) for the year.
- Overall slippages came in at INR34.76bn versus the normalised slippage rate of INR28–29bn. This was attributed to two reasons (explained in the next section).

Slippages - International account and PL

- An international exposure was restructured during covid and was later upgraded to standard after a year of good conduct. However, it continued showing weakness, periodically oscillating between SMA-1 and SMA-2 classifications.
- The account has now entered a resolution mechanism on an international forum. The resolution is expected within 210 days. A standstill condition is currently in effect under this process, under which the Indian regulations classify the account as NPA, but the international jurisdiction considers it under resolution and not yet impaired. We note that the RBI requires Indian banks to follow the stricter of domestic or overseas regulation for international loans. So BoB has complied with that requirement.
- The bank has made a 40% provision against the account as a prudent measure.
- There was an increase in slippage in the legacy PL loan book, amounting to INR1bn.

Other key points

- The bank booked INR22.26bn of treasury income in the quarter, taking advantage of OMO operations, which also led to a 4% QoQ decline in the HTM book.
- BoB expects one 25bp policy rate cut towards the end of CY26, but no immediate rate action in the near term.
- Provisions for employees saw an uptick this quarter (INR9.88bn) versus INR8.07bn earlier. This was attributed to a decline in discount rates used in actuarial provisioning. Management clarified that this may remain steady over the next three/four quarters depending on rate movements. Adequate provisions have also been made toward PLIs and AS-15 employee benefit obligations.
- Plans are also underway to open ~300 new branches (on top of 250 added in FY25).

Exhibit 1: Changes in estimates

	FY26E	FY27E	FY26E	FY27E	FY26E	FY27E
	Old	Old	New	New	% Change	% Change
NII, INR M	4,89,726	5,60,826	4,95,972	5,65,917	1.3%	0.9%
PAT, INR M	2,04,396	2,25,619	2,09,233	2,24,863	2.4%	-0.3%
EPS, INR	39.5	43.6	40.4	43.4	2.4%	-0.3%
Target Price, INR		260		280		
CMP				243		
% Upside				15%		
Rating		BUY		BUY		

Source: Company, Nuvama Research

Exhibit 2: Breakdown of loans

INR mn	Q1FY26	Q4FY25	Q1FY25	YoY (%)	QoQ (%)
Gross domestic Loan	99,13,630	1,02,11,120	88,17,850	12.4%	-2.9%
Agriculture	16,17,640	15,83,240	13,91,600	16.2%	2.2%
SME	13,56,600	13,63,770	11,99,400	13.1%	-0.5%
Large & Medium Corporate	37,02,660	41,22,740	35,53,750	4.2%	-10.2%
Misc. including trade	6,21,950	5,75,030	4,48,160	38.8%	8.2%
Retail	26,14,790	25,66,330	22,24,940	17.5%	1.9%
Home	13,36,730	13,11,230	11,47,110	16.5%	1.9%
Auto	4,74,460	4,65,490	4,02,420	17.9%	1.9%
Education	1,15,150	1,13,600	99,810	15.4%	1.4%
Other retail loans	6,88,450	6,76,010	5,75,600	19.6%	1.8%
International credit	21,56,930	20,93,490	18,98,960	13.6%	3.0%
Total credit	1,20,70,560	1,23,04,610	1,07,16,810	12.6%	-1.9%

Source: Company, Nuvama Research

Exhibit 3: Yields, costs and margins

(%)	Q1FY26	Q4FY25	Q3FY25	Q2FY25	Q1FY25	YoY (bps)	QoQ (bps)
Global Yield on loans	8.09%	8.21%	8.35%	8.48%	8.55%	-46bp	-12bp
Domestic yield on loans	8.61%	8.76%	8.87%	8.93%	8.99%	-38bp	-15bp
Overseas yield on loans	5.56%	5.58%	6.00%	6.43%	6.52%	-96bp	-2bp
Cost of Deposits	5.05%	5.12%	5.08%	5.12%	5.06%	-1bp	-7bp
Domestic cost of deposits	5.22%	5.33%	5.20%	5.16%	5.13%	9bp	-11bp
Overseas cost of deposits	4.05%	3.95%	4.43%	4.84%	4.66%	-61bp	10bp
Global NIM	2.91%	2.98%	2.94%	3.10%	3.18%	-27bp	-7bp
Domestic NIM	3.06%	3.16%	3.11%	3.27%	3.30%	-24bp	-10bp
Overseas NIM	1.75%	1.70%	1.83%	2.00%	2.23%	-48bp	5bp

Exhibit 4: Growth in international loans

Growth in international loans	INR Mn	% QoQ
Q1FY26	21,56,930	3%
Q4FY25	20,93,490	1%
Q3FY25	20,81,650	2%
Q2FY25	20,41,560	8%
Q1FY25	18,98,960	-1%

Source: Company, Nuvama Research

Exhibit 5: Growth in personal loans

Growth in personal loans	INR Mn	% QoQ
Q1FY26	3,66,900	2%
Q4FY25	3,61,220	5%
Q3FY25	3,43,400	7%
Q2FY25	3,20,620	4%
Q1FY25	3,06,910	3%

Source: Company, Nuvama Research

Exhibit 6: Segmental slippages

INR bn	Q1FY26		Q4FY25		Q1FY25	
	Slippages	as a % of Lagged Segmental Loans	Slippages	as a % of Lagged Segmental Loans	Slippages	as a % of Lagged Segmental Loans
Corporate	-	0.00%	-	0.00%	0.5	0.06%
International	5.1	1.08%	0.0	0.00%	0.3	0.07%
Debits to existing accounts	2.1		2.9		2.3	
Total Corporate	7.2	0.53%	2.9	0.20%	3.1	0.23%
MSME	12.3	4.10%	14.7	4.93%	12.1	4.42%
Retail	10.0	1.79%	7.2	1.35%	8.4	1.83%
Agriculture	7.3	2.08%	6.7	1.93%	6.4	2.02%
Others	0.1	0.12%	0.1	0.06%	0.2	0.16%
Total	36.9	1.38%	31.6	1.16%	30.2	1.22%

Source: Company, Nuvama Research

Exhibit 7: Movement in gross NPLs

INR bn	Q1FY26	Q4FY25	Q3FY25	Q2FY25	Q1FY25	YoY (%)	QoQ (%)
Opening Balance	278	285	286	309	318	-12.6%	-2.2%
NPA Additions	37	32	29	31	30	22.1%	16.7%
Fresh Additions	35	29	25	28	28	24.7%	21.0%
Reduction	40	38	30	54	40	-0.7%	4.1%
-Recovery	8	11	10	10	10	-25.4%	-32.9%
-Upgradation	8	8	8	9	7	24.2%	-1.8%
-PWO & WO	24	19	12	36	23	2.9%	29.0%
-Other Adjustments	-	-	-	-	-	NA	NA
Closing NPLs	276	278	285	286	309	-10.7%	-0.9%
Gross NPA, %	2.3%	2.3%	2.4%	2.5%	2.9%	-60bp	2bp
Net NPA, %	0.6%	0.6%	0.6%	0.6%	0.7%	-9bp	2bp

Exhibit 8: Gross NPLs by segment

INR bn			Q1FY26			Q4FY25			Q1FY25
	Segmental GNPA	Segmental Loans	Segmental GNPA as a % of Segmental Loans	Segmental GNPA	Segmental Loans	Segmental GNPA as a % of Segmental Loans	Segmental GNPA	Segmental Loans	Segmental GNPA as a % of Segmental Loans
Corporate	0.6	3,703	0.0%	2.3	4,123	0.1%	20.5	3,554	0.6%
MSME	106.2	1,357	7.8%	112.4	1,364	8.2%	108.9	1,199	9.1%
Retail	52.2	2,615	2.0%	46.4	2,566	1.8%	38.1	2,225	1.7%
Agriculture	78.8	1,618	4.9%	76.0	1,583	4.8%	74.0	1,392	5.3%
Others	1.1	622	0.2%	0.8	575	0.1%	0.9	448	0.2%
International	36.9	2,157	1.7%	40.4	2,093	1.9%	66.4	1,899	3.5%
Total	275.7	12,071	2.3%	278.4	12,305	2.3%	308.7	10,717	2.9%

Source: Company, Nuvama Research

Exhibit 9: Breakdown of fresh slippages

INR mn	Q1FY26	Q4FY25	Q3FY25	Q2FY25	Q1FY25
Corporate	-	-	340	570	480
MSME	12,280	14,730	9,630	11,560	12,060
Retail	9,950	7,230	7,510	8,170	8,420
Agriculture	7,250	6,680	5,170	7,370	6,440
Others	140	70	120	60	180
Total Domestic	29,620	28,710	22,770	27,730	27,580
International	5,140	20	2,260	150	290
Global	34,760	28,730	25,030	27,880	27,870

Exhibit 10: Quarterly income statement

INR bn	Q1FY26	Q4FY25	Q3FY25	Q2FY25	Q1FY25	YoY (%)	QoQ (%)
Interest on advances	236	235	238	231	227	4.3%	0.5%
Income on investments	63	64	66	65	64	-1.8%	-1.6%
Interest on balances with RBI	11	12	5	7	5	113.9%	-3.3%
Interest Income	311	311	309	303	296	4.9%	-0.1%
Interest expended	197	196	195	186	180	9.0%	0.2%
Net Interest Income	114	115	114	116	116	-1.4%	-0.5%
Trading gains	19	12	7	7	1	NM	50.9%
Fees	16	22	17	18	15	9.7%	-25.5%
Profit on Exchange Transactions	3	3	2	1	2	67.6%	10.5%
Recovery from TWO	6	10	7	25	6	14.4%	-34.4%
Other income	0	0	4	0	-0	NA	-97.8%
Dividend Income	2	0	0	1	2	20.0%	NM
Total Non-interest income	47	47	38	52	25	87.9%	-1.3%
Employee expenses	43	43	42	40	40	7.3%	-0.9%
Other Operating expenses	36	38	33	33	29	22.4%	-4.9%
Total Operating expenses	79	81	75	73	69	13.7%	-2.8%
Operating profit	82	81	77	95	72	15.0%	1.3%
Provision for NPA	17	13	9	17	13	32.9%	30.0%
Investment Depreciation	-1	0	0	1	-1	NA	NA
Provision for Std. advances	3	2	1	3	-2	NA	116.0%
Other provisions	0	1	1	1	1	-38.4%	-51.5%
Total Provisions	20	16	11	23	10	94.6%	26.8%
PBT	63	66	66	71	62	1.9%	-4.7%
Tax	17	15	17	19	17	2.1%	12.7%
Net Profit	45	50	48	52	45	1.9%	-10.0%

Company Description

Established in 1908 by Maharaja Sayajirao Gaekwad of Baroda, BoB was one of the 14 banks that were nationalised in 1969. It has been one of the early players to have identified the potential and importance of international presence and is currently operating through its eight banking subsidiaries apart from the parent. Since FY06, BoB has charted a new growth strategy under project "Parivartan", rebranding itself, energising its century old brand.

Investment Theme

BoB's international loan quality has been more volatile than peers, yet growth in overseas is faster than domestic. While NIM fell less than peers due to bulk deposit repricing and slower MCLR cuts, given that the EBLR book at 42% is not very different from peers, we see higher-than-peers NIM decline in subsequent quarters. We revise earnings and TP to INR 280/ 1x BV FY26E from INR 260. Maintain BUY.

Key Risks

- Pressure on NIM from competitive pricing and rate cuts.
- BoB's LDR remains higher than other state banks with little room to increase.
- Income from written off NPLs is very high and could slow
- BoB has been slower than peers in cutting MCLR and may need to catch up.

Additional Data

Management

CEO	Debadatta Chand
ED	Lal Singh
ED	Lalit Tyagi
ED	Sanjay Mudaliar
Auditor	Khandelwal Jain and Co

Recent Company Research

Date	Title	Price	Reco
07-May-25	NIM, credit cost fall short of expectati; Result Update	225	Buy
30-Jan-25	NIM pressure offset by lower provisions; <i>Result Update</i>	222	Buy
25-Oct-24	Bank of Baroda (BOB IN, INR 240, upgrade; <i>Result Update</i>	240	Buy

Holdings – Top 10*

	% Holding	% Holding
LIC New Pension	7.51	
HDFC MF	2.75	
SBI MF	1.48	
KOTAK FUND	1.27	
Nippon ETF	1.01	

^{*}Latest public data

Recent Sector Research

Date	Name of Co./Sector	Title
26-Jul-25	Kotak Mahindra Bank	NIM and credit cost disappoint; Result Update
25-Jul-25	SBI Cards	Credit cost spikes again; growth slows; Result Update
20-Jul-25	AU SFB	Miss on NIM and higher delinquencies; Result Update

Rating and Daily Volume Interpretation



Source: Bloomberg, Nuvama research

Rating Rationale & Distribution: Nuvama Research

8			
Rating	Expected absolute returns over 12 months	Rating Distribution	
Buy	15%	202	
Hold	<15% and >-5%	66	
Reduce	<-5%	36	

DISCLAIMER

Nuvama Wealth Management Limited (defined as "NWML" or "Research Entity") a company duly incorporated under the Companies Act, 1956 (CIN No L67110MH1993PLC344634) having its Registered office situated at 801-804, Wing A, Building No. 3, Inspire BKC, G Block, Bandra Kurla Complex, Bandra East, Mumbai – 400 051 is regulated by the Securities and Exchange Board of India ("SEBI") and is licensed to carry on the business of broking, Investment Adviser, Research Analyst and other related activities. Name of Compliance/Grievance officer: Mr. Atul Bapna, E-mail address: compliance-officer.nwm@nuvama.com Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- grievance.nwm@nuvama.com

This Report has been prepared by NWML in the capacity of a Research Analyst having SEBI Registration No.INH000011316 and Enlistment no. 5723 with BSE and distributed as per SEBI (Research Analysts) Regulations 2014. This report does not constitute an offer or solicitation for the purchase or sale of any financial instrument or as an official confirmation of any transaction. Securities as defined in clause (h) of section 2 of the Securities Contracts (Regulation) Act, 1956 includes Financial Instruments and Currency Derivatives. The information contained herein is from publicly available data or other sources believed to be reliable. This report is provided for assistance only and is not intended to be and must not alone be taken as the basis for an investment decision. The user assumes the entire risk of any use made of this information. Each recipient of this report should make such investigation as it deems necessary to arrive at an independent evaluation of an investment in Securities referred to in this document (including the merits and risks involved), and should consult his own advisors to determine the merits and risks of such investment. The investment discussed or views expressed may not be suitable for all investors.

This information is strictly confidential and is being furnished to you solely for your information. This information should not be reproduced or redistributed or passed on directly or indirectly in any form to any other person or published, copied, in whole or in part, for any purpose. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject NWML and associates, subsidiaries / group companies to any registration or licensing requirements within such jurisdiction. The distribution of this report in certain jurisdictions may be restricted by law, and persons in whose possession this report comes, should observe, any such restrictions. The information given in this report is as of the date of this report and there can be no assurance that future results or events will be consistent with this information. This information is subject to change without any prior notice. NWML reserves the right to make modifications and alterations to this statement as may be required from time to time. NWML or any of its associates / group companies shall not be in any way responsible for any loss or damage that may arise to any person from any inadvertent error in the information contained in this report. NWML is committed to providing independent and transparent recommendation to its clients. Neither NWML nor any of its associates, group companies, directors, employees, agents or representatives shall be liable for any damages whether direct, indirect, special or consequential including loss of revenue or lost profits that may arise from or in connection with the use of the information. Our proprietary trading and investment businesses may make investment decisions that are inconsistent with the recommendations expressed herein. Past performance is not necessarily a guide to future p

NWML shall not be liable for any delay or any other interruption which may occur in presenting the data due to any reason including network (Internet) reasons or snags in the system, break down of the system or any other equipment, server breakdown, maintenance shutdown, breakdown of communication services or inability of the NWML to present the data. In no event shall NWML be liable for any damages, including without limitation direct or indirect, special, incidental, or consequential damages, losses or expenses arising in connection with the data presented by the NWML through this report.

We offer our research services to clients as well as our prospects. Though this report is disseminated to all the customers simultaneously, not all customers may receive this report at the same time. We will not treat recipients as customers by virtue of their receiving this report.

NWML and its associates, officer, directors, and employees, research analyst (including relatives) worldwide may: (a) from time to time, have long or short positions in, and buy or sell the Securities, mentioned herein or (b) be engaged in any other transaction involving such Securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the subject company/company(ies) discussed herein or act as advisor or lender/borrower to such company(ies) or have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of publication of research report or at the time of public appearance. (c) NWML may have proprietary long/short position in the above mentioned scrip(s) and therefore should be considered as interested. (d) The views provided herein are general in nature and do not consider risk appetite or investment objective of any particular investor; readers are requested to take independent professional advice before investing. This should not be construed as invitation or solicitation to do business with NWML (e) Registration granted by SEBI and certification from NISM in no way guarantee performance of NWML or provide any assurance of returns to investors and clients.

NWML or its associates may have received compensation from the subject company in the past 12 months. NWML or its associates may have managed or co-managed public offering of securities for the subject company in the past 12 months. NWML or its associates may have received compensation for investment banking or merchant banking or brokerage services from the subject company in the past 12 months. NWML or its associates may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past 12 months. NWML or its associates have not received any compensation or other benefits from the Subject Company or third party in connection with the research report. Research analyst or his/her relative or NWML's associates may have financial interest in the subject company. NWML and/or its Group Companies, their Directors, affiliates and/or employees may have interests/positions, financial or otherwise in the Securities/Currencies and other investment products mentioned in this report. NWML, its associates, research analyst and his/her relative may have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of public appearance.

Participants in foreign exchange transactions may incur risks arising from several factors, including the following: (i) exchange rates can be volatile and are subject to large fluctuations; (ii) the value of currencies may be affected by numerous market factors, including world and national economic, political and regulatory events, events in equity and debt markets and changes in interest rates; and (iii) currencies may be subject to devaluation or government imposed exchange controls which could affect the value of the currency. Investors in securities such as ADRs and Currency Derivatives, whose values are affected by the currency of an underlying security, effectively assume currency risk.

Research analyst has served as an officer, director or employee of subject Company: No

NWML has financial interest in the subject companies: No

NWML's Associates may have actual / beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report.

Research analyst or his/her relative has actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report: No

NWML has actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report: No

Subject company may have been client during twelve months preceding the date of distribution of the research report.

There were no instances of non-compliance by NWML on any matter related to the capital markets, resulting in significant and material disciplinary action during the last three years. A graph of daily closing prices of the securities is also available at www.nseindia.com

Analyst Certification:

The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

Additional Disclaimers

Disclaimer for U.S. Persons

This research report is a product of NWML, which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of FINRA or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.

This report is intended for distribution by NWML only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor.

In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors, NWML has entered into an agreement with a U.S. registered broker-dealer, Nuvama Financial Services Inc. (formerly Edelweiss Financial Services Inc.) ("NFSI"). Transactions in securities discussed in this research report should be effected through NFSI.

Disclaimer for U.K. Persons

The contents of this research report have not been approved by an authorised person within the meaning of the Financial Services and Markets Act 2000 ("FSMA").

In the United Kingdom, this research report is being distributed only to and is directed only at (a) persons who have professional experience in matters relating to investments falling within Article 19(5) of the FSMA (Financial Promotion) Order 2005 (the "Order"); (b) persons falling within Article 49(2)(a) to (d) of the Order (including high net worth companies and unincorporated associations); and (c) any other persons to whom it may otherwise lawfully be communicated (all such persons together being referred to as "relevant persons").

This research report must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this research report relates is available only to relevant persons and will be engaged in only with relevant persons. Any person who is not a relevant person should not act or rely on this research report or any of its contents. This research report must not be distributed, published, reproduced or disclosed (in whole or in part) by recipients to any other person.

Disclaimer for Canadian Persons

This research report is a product of NWML, which is the employer of the research analysts who have prepared the research report. The research analysts preparing the research report are resident outside the Canada and are not associated persons of any Canadian registered adviser and/or dealer and, therefore, the analysts are not subject to supervision by a Canadian registered adviser and/or dealer, and are not required to satisfy the regulatory licensing requirements of the Ontario Securities Commission, other Canadian provincial securities regulators, the Investment Industry Regulatory Organization of Canada and are not required to otherwise comply with Canadian rules or regulations regarding, among other things, the research analysts' business or relationship with a subject company or trading of securities by a research analyst.

This report is intended for distribution by NWML only to "Permitted Clients" (as defined in National Instrument 31-103 ("NI 31-103")) who are resident in the Province of Ontario, Canada (an "Ontario Permitted Client"). If the recipient of this report is not an Ontario Permitted Client, as specified above, then the recipient should not act upon this report and should return the report to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any Canadian person.

NWML is relying on an exemption from the adviser and/or dealer registration requirements under NI 31-103 available to certain international advisers and/or dealers. Please be advised that (i) NWML is not registered in the Province of Ontario to trade in securities nor is it registered in the Province of Ontario to provide advice with respect to securities; (ii) NWML's head office or principal place of business is located in India; (iii) all or substantially all of NWML's assets may be situated outside of Canada; (iv) there may be difficulty enforcing legal rights against NWML because of the above; and (v) the name and address of the NWML's agent for service of process in the Province of Ontario is: Bamac Services Inc., 181 Bay Street, Suite 2100, Toronto, Ontario MSJ 273 Canada.

Disclaimer for Singapore Persons

In Singapore, this report is being distributed by Nuvama Investment Advisors Private Limited (NIAPL) (Previously Edelweiss Investment Advisors Private Limited ("EIAPL")) (Co. Reg. No. 201016306H) which is a holder of a capital markets services license and an exempt financial adviser in Singapore and (ii) solely to persons who qualify as "institutional investors" or "accredited investors" as defined in section 4A(1) of the Securities and Futures Act, Chapter 289 of Singapore ("the SFA"). Pursuant to regulations 33, 34, 35 and 36 of the Financial Advisers Regulations ("FAR"), sections 25, 27 and 36 of the Financial Advisers Act, Chapter 110 of Singapore shall not apply to NIAPL when providing any financial advisory services to an accredited investor (as defined in regulation 36 of the FAR. Persons in Singapore should contact NIAPL in respect of any matter arising from, or in connection with this publication/communication. This report is not suitable for private investors.

Disclaimer for Hong Kong persons

This report is distributed in Hong Kong by Nuvama Investment Advisors (Hong Kong) Private Limited (NIAHK) (Previously Edelweiss Securities (Hong Kong) Private Limited (ESHK)), a licensed corporation (BOM -874) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to Section 116(1) of the Securities and Futures Ordinance "SFO". This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The report also does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of any individual recipients. The Indian Analyst(s) who compile this report is/are not located in Hong Kong and is/are not licensed to carry on regulated activities in Hong Kong and does not / do not hold themselves out as being able to do so.

INVESTMENT IN SECURITIES MARKET ARE SUBJECT TO MARKET RISKS. READ ALL THE RELATED DOCUMENTS CAREFULLY BEFORE INVESTING.

Abneesh Roy Head of Research Committee Abneesh.Roy@nuvama.com