#### **RESULT UPDATE**



#### **KEY DATA**

Rating	HOLD
Sector relative	Neutral
Price (INR)	3,143
12 month price target (INR)	3,555
52 Week High/Low	4,781/3,005
Market cap (INR bn/USD bn)	293/3.4
Free float (%)	41.5
Avg. daily value traded (INR mn)	221.7

#### SHAREHOLDING PATTERN

	Jun-25	Mar-25	Dec-24
Promoter	58.5%	58.5%	58.5%
FII	16.99%	17.06%	17.21%
DII	22.03%	22.04%	21.85%
Pledge	2.48%	2.4%	2.44%

FINANCIALS (INR mn)				
Year to March	FY24A	FY25A	FY26E	FY27E
Revenue	48,538	42,874	45,175	51,174
EBITDA	13,338	11,492	12,156	14,033
Adjusted profit	11,353	10,607	11,056	12,759
Diluted EPS (INR)	120.8	113.7	118.5	136.7
EPS growth (%)	7.5	(5.9)	4.2	15.4
RoAE (%)	18.4	15.6	14.9	15.1
P/E (x)	26.0	27.6	26.5	23.0
EV/EBITDA (x)	19.8	22.4	20.7	17.4
Dividend yield (%)	0.5	0.5	0.5	0.6

#### **CHANGE IN ESTIMATES**

(INR mn)	Revised estimates		% Revision	
Year to March	FY26E	FY27E	FY26E	FY27E
Revenue	45,175	51,174	-3.7	-4.6
EBITDA	12,156	14,033	-2.6	-2.6
Adjusted profit	11,056	12,759	-1.0	-1.6
Diluted EPS (INR)	118.5	136.7	-1.0	-1.6

#### PRICE PERFORMANCE



### Volume growth delayed further

AIA posted in-line Q1FY26 EBITDA of INR3.06bn, up 1.6% QoQ (our estimate: INR2.96bn). Improved product mix and lower RM cost led to increased EBITDA/t of INR50,928 (up INR7,049/t), partially offset by lower volume (down 13% QoQ), which shall be reversed in Q2FY26.

Q2 EBITDA is likely to be lower QoQ as AIA shall pass on lower RM cost to customers. FY26 could report muted volume (up 3% YoY) and growth is likely to resume from FY27 (up ~13% YoY). Despite lower volume, AIA is likely to maintain profitability (EBITDA margin of 26-27%). We are cutting FY26E/27E EPS by 1.5% to factor in lower volume. We are valuing the stock at 26x target PE multiple, yielding a revised TP of INR3,555 (earlier INR3,749); retain 'HOLD'.

#### EBITDA up 1.6% QoQ; EBITDA/t expands 16% QoQ to INR50,928

Led by an improved product mix and delay in passing on lower RM cost, AIA posted higher profitability, offset by lower volume. EBITDA came in at INR3.06bn, up 1.6% QoQ with EBITDA/t of INR50,928, up INR7,049/t QoQ. We observe a sharp fall in volume QoQ (volume was 60.2kt, down 12.5% QoQ/down 0.7% YoY). Mining volume logged a major dip QoQ (down 22% QoQ/1% YoY) and comprised 61% of volume in Q1FY26 (Q4: 68%). Blended realisation rose 2.7% QoQ to INR170.5k/t due to a favourable product mix. Higher realisation and lower RM cost helped gross profit/t to rise by INR8,431/t QoQ to INR107,520. Higher other opex offset part of the higher gross profit, resulting in lower growth in EBITDA/t. Higher EBITDA, aided by higher other income and lower interest cost, yielded a PAT of INR3.05bn, up 7% QoQ.

#### Delay in setting up facilities overseas; eyeing new customer wins

AIA is setting up a 100ktpa hi-chrome grinding media (50ktpa each in China and Ghana) in a phased manner. However, it faces delays in acquiring land and obtaining regulatory approvals; hence it will be difficult to ascertain the timeline as of now. The 50ktpa plant in China is likely to be commissioned in FY27 while work on the Ghana plant shall start after 12 months post-receiving regulatory clearances. We are building in FY26E/27E capex of INR1.5bn/INR2.5bn factoring in a delay in the project.

#### Volume remains muted; demand recovery FY27 onwards

Management indicated FY26 volume to be nearly flat YoY and a recovery might begin FY27 onwards. One positive is that Brazil reduced CVD to 2.9% from 6.5% earlier and scrapped anti-dumping duty on AIA, which may help it to gain some customers over there. However, the US imposed ~10% duty and additional 50% tariff on AIA's exports. US constitutes 8–10% of AIA's volume, which is not getting hurt currently.

#### **Financials**

Year to March (INR mn)	Q1FY26	Q1FY25	% Change	Q4FY25	% Change
Net Revenue	10,389	10,200	1.9	11,570	(10.2)
EBITDA	3,064	2,889	6.1	3,016	1.6
Adjusted Profit	3,050	2,581	18.2	2,852	6.9
Diluted EPS (INR)	32.3	27.4	18.2	30.2	6.9

Ashish Kejriwal Ashish.Kejriwal@nuvama.com Kunal Kothari kunal.kothari@nuvama.com

# **Financial Statements**

#### Income Statement (INR mn)

Year to March	FY24A	FY25A	FY26E	FY27E
Total operating income	48,538	42,874	45,175	51,174
Gross profit	27,811	25,497	26,925	30,505
Employee costs	1,714	1,855	1,985	2,143
Other expenses	12,760	12,150	12,784	14,329
EBITDA	13,338	11,492	12,156	14,033
Depreciation	1,003	1,031	1,106	1,156
Less: Interest expense	284	211	324	324
Add: Other income	2,814	3,316	3,713	4,114
Profit before tax	14,880	13,684	14,455	16,682
Prov for tax	3,510	3,084	3,393	3,917
Less: Other adj	0	0	0	0
Reported profit	11,353	10,607	11,056	12,759
Less: Excp.item (net)	0	0	0	0
Adjusted profit	11,353	10,607	11,056	12,759
Diluted shares o/s	94	93	93	93
Adjusted diluted EPS	120.8	113.7	118.5	136.7
DPS (INR)	16.0	16.0	16.6	19.2
Tax rate (%)	23.6	22.5	23.5	23.5

### **Balance Sheet (INR mn)**

Year to March	FY24A	FY25A	FY26E	FY27E
Share capital	189	187	187	187
Reserves	66,389	69,083	78,581	89,544
Shareholders funds	66,577	69,270	78,768	89,731
Minority interest	103	101	101	101
Borrowings	4,546	4,850	4,050	4,050
Trade payables	1,786	1,967	1,676	1,885
Other liabs & prov	1,734	2,028	1,949	2,061
Total liabilities	74,952	78,341	86,668	97,952
Net block	10,352	10,941	10,535	10,380
Intangible assets	750	810	810	810
Capital WIP	922	769	1,569	3,069
Total fixed assets	12,025	12,520	12,915	14,259
Non current inv	665	935	935	935
Cash/cash equivalent	35,302	42,626	47,937	54,906
Sundry debtors	8,803	8,264	8,169	9,253
Loans & advances	20	1,301	1,301	1,301
Other assets	15,860	12,159	14,876	16,762
Total assets	74,952	78,341	86,668	97,952

### **Important Ratios (%)**

Year to March	FY24A	FY25A	FY26E	FY27E
Capacity (kt)	4,40,000	4,60,000	4,60,000	4,60,000
Exports (% of volumes)	78.0	78.0	78.0	79.0
EBITDA margin (%)	27.5	26.8	26.9	27.4
EBITDA margin (%)	27.5	26.8	26.9	27.4
Net profit margin (%)	23.4	24.7	24.5	24.9
Revenue growth (% YoY)	(1.4)	(11.4)	5.2	13.3
EBITDA growth (% YoY)	7.5	(13.8)	5.8	15.4
Adj. profit growth (%)	7.5	(6.6)	4.2	15.4

#### Free Cash Flow (INR mn)

1100 0001111111111111111111111111111111	,			
Year to March	FY24A	FY25A	FY26E	FY27E
PBT	14,880	13,684	14,440	16,667
Add: Depreciation	1,003	1,031	1,106	1,156
Interest (net of tax)	284	211	324	324
Others	(4,273)	(3,816)	1,939	(2,983)
Less: Changes in WC	409	3,074	(4,955)	343
Operating cash flow	9,027	11,623	9,461	11,589
Less: Capex	(2,108)	(1,371)	(1,500)	(2,500)
Free cash flow	6,920	10,252	7,961	9,089

#### Assumptions (%)

Year to March	FY24A	FY25A	FY26E	FY27E
GDP (YoY %)	6.7	6.0	6.2	6.2
Repo rate (%)	6.5	6.0	5.0	5.0
USD/INR (average)	82.8	84.5	86.5	86.5
Mining(tonnes)	2,03,677	1,66,053	1,74,240	2,03,320
others(tonnes)	93,668	89,390	89,760	95,680
Realisation (INR/t)	1,63,237	1,68,488	1,68,488	1,68,488
Raw materials(INR/t)	70,444	69,126	69,126	69,126

#### **Key Ratios**

Year to March	FY24A	FY25A	FY26E	FY27E
RoE (%)	18.4	15.6	14.9	15.1
RoCE (%)	22.7	18.9	18.8	19.2
Inventory days	213	233	215	212
Receivable days	65	73	66	62
Payable days	39	39	36	31
Working cap (% sales)	45.6	44.2	48.8	48.3
Gross debt/equity (x)	0.1	0.1	0.1	0
Net debt/equity (x)	(0.5)	(0.5)	(0.6)	(0.6)
Interest coverage (x)	43.5	49.6	34.1	39.7

#### **Valuation Metrics**

Year to March	FY24A	FY25A	FY26E	FY27E
Diluted P/E (x)	26.0	27.6	26.5	23.0
Price/BV (x)	4.4	4.2	3.7	3.3
EV/EBITDA (x)	19.8	22.4	20.7	17.4
Dividend yield (%)	0.5	0.5	0.5	0.6
6 6 10				

Source: Company and Nuvama estimates

#### **Valuation Drivers**

Year to March	FY24A	FY25A	FY26E	FY27E
EPS growth (%)	7.5	(5.9)	4.2	15.4
RoE (%)	18.4	15.6	14.9	15.1
EBITDA growth (%)	7.5	(13.8)	5.8	15.4
Payout ratio (%)	13.2	14.1	14.0	14.0

**Exhibit 1: Consolidated financial snapshot** 

Year to March (INR mn)	Q1FY26	Q1FY25	% change	Q4FY25	% change	FY25	FY26E	FY27E
Net revenues	10,389	10,200	1.9	11,570	(10.2)	42,874	45,175	51,174
Raw material	3,921	3,989	(1.7)	4,759	(17.6)	17,377	18,249	20,669
Staff cost	484	460	5.3	464	4.3	1,855	1,985	2,143
Other expenditure	2,920	2,862	2.0	3,331	(12.3)	12,150	12,784	14,329
Total expenditure	7,326	7,311	0.2	8,554	(14.4)	31,382	33,018	37,141
EBITDA	3,064	2,889	6.1	3,016	1.6	11,492	12,156	14,033
Depreciation	277	254	9.2	279	(0.9)	1,031	1,106	1,156
Interest	72	64	12.8	85	(14.9)	211	324	324
Other income	1,083	820	32.1	922	17.5	3,316	3,713	4,114
Profit Before Tax	3,798	3,391	12.0	3,574	6.3	13,684	14,455	16,682
Provision for Tax	803	812	(1.0)	778	3.3	3,084	3,393	3,917
Reported net profit	3,052	2,580	18.3	2,854	6.9	10,601	11,062	12,765
Adjusted Profit	3,050	2,596	17.5	2,852	6.9	10,607	11,056	12,759
EPS (INR)	32.7	27.5	18.8	30.6	6.9	113.7	118.5	136.7
as % of net revenues								
Raw material	37.7	39.1		41.1		40.5	40.4	40.4
Staff costs	4.7	4.5		4.0		4.3	4.4	4.2
Other expenses	28.1	28.1		28.8		28.3	28.3	28.0
EBITDA	29.5	28.3		26.1		26.8	26.9	27.4
Reported net profit	29.4	25.3		24.7		24.7	24.5	24.9
Tax rate	21.2	23.9		21.8		22.5	23.5	23.5

Source: Company, Nuvama Research

Exhibit 2: Operational trend: Sales volume flat YoY/down 13% QoQ

Volume (tonnes)	Q1FY25	Q2FY25	Q3FY25	Q4FY25	Q1FY26	QoQ(%)	YoY(%)
Production	68,609	54,952	63,561	61,078	59,516	-2.6	-13.3
Sales	60,592	60,330	65,780	68,741	60,156	-12.5	-0.7
Cement plus utility volume	23,806	20,434	22,861	22,289	23,760	6.6	-0.2
Mining volume	36,786	39,896	42,919	46,452	36,396	-21.6	-1.1

Source: Company, Nuvama Research

### **Exhibit 3: Per tonne analysis**

INR	Q1FY25	Q2FY25	Q3FY25	Q4FY25	Q1FY26	QoQ(%)	YoY(%)
EBITDA/t	47,673	45,692	43,033	43,879	50,928	16.1	6.8
Realisation/t	1,65,820	1,70,811	1,59,631	1,66,033	1,70,558	2.7	2.9
Operating cost/t	47,240	48,487	46,091	48,457	48,542	0.2	2.8
Raw material cost /t	65,832	71,188	65,891	69,231	65,188	-5.8	-1.0

Source: Company, Nuvama Research

#### **Exhibit 4: Working capital days remain stable**

Working capital	Q1FY25	Q2FY25	Q3FY25	Q4FY25	Q1FY26
Inventories RM	52	55	50	48	34
WIP	79	76	75	69	69
Receivables	77	74	73	74	73

Source: Company, Nuvama Research

## Q1FY26 conference call: Key takeaways

- The sales volume marginally declined 1% YoY to 60,156 tonnes in Q1FY26. The
  mining segment volume stood at 36,396t down 1% YoY and Non-mining volume
  stood at 23,760t flat YoY.
- Management hinted at almost flat volume in FY26 and expect volume recovery to begin in FY27.
- Other income of INR1,083mn incudes treasury income of INR880mn and forex gain of INR190mn
- The mill lining plant is having capacity of 75,000t and producing 25,000-30,000t annually. However, company is working to bundle liners and grinders as composite solution for higher realisation.
- Management is in process to complete regulatory requirements in Ghana, West
  Africa and China, which is expected to be concluded by Q4FY26. Post that, it will
  start land purchase for setting up plants. 50ktpa each capacities will be set up in
  modular fashion. The China plant will have advantage on 50% lower goods transit
  time and cost. Management sees delay in setting up the plant and will provide
  tentative project completion timeline in Q3FY26.
- It has renewable power capacity of 38MW and 60MW will be added in rest of FY26. It will meet 55% of total power requirement (v/s 30-35% currently).
- Capex during Q1FY26 stood at ~INR210mn. It will incur ~INR1bn in rest of FY26 which includes capex on renewable power and maintenance capex. No clarity on capex involved in FY26 on two proposed overseas plants (USD50mn total). It has net cash of INR40.83bn at Q1FY26-end.
- Brazil has reduced CVD component from 6.5% to 2.9%. Furthermore, it eliminated ADD of 5.3%. Hence total duty on imports fell from 11.8% to 2.9%.

#### **Exhibit 5: Key assumptions**

Particulars	FY22	FY23	FY24	FY25	FY26E	FY27E
Capacities (ktpa)	390	440	440	460	460	460
Sales volume(kt)	260	291	297	255	264	299
EBITDA margin(%)	20.2	25.3	27.5	26.8	26.9	27.4
EBITDA(INR/t)	27,679	42,584	44,856	44,989	46,047	46,934
Net cash(INR mn)	18,683	25,636	30,756	37,776	43,887	50,856

#### **Exhibit 6: Change in estimates**

INR mn	Old		New		Change (%)	
	FY26E	FY27E	FY26E	FY27E	FY26E	FY27E
Revenue	46,918	53,660	45,175	51,174	-3.7	-4.6
EBITDA	12,492	14,418	12,156	14,033	-2.7	-2.7
PAT	11,215	12,966	11,062	12,765	-1.4	-1.5
EPS (INR/sh)	120	139	118	137	-1.4	-1.6

Source: Company, Nuvama Research

#### **Exhibit 7: Valuation**

	FY27E
EPS (INR)	137
P/E (x)	26.0
TP (INR/sh)	3,555

Source: Company, Nuvama Research

#### **Company Description**

AIA is a niche player in the value-added, impact abrasion, and corrosion resistant high chrome metallurgy segment with current capacity of 460,000tpa. It manufacturers products like grinding media, liners, diaphragms, and vertical mill parts (collectively referred to as mill internals) in high chrome metallurgy. These products find application in rushing and grinding operations in cement, thermal power and mining plants, where they are used to crush/grind clinker, coal and mineral ore, respectively. High chrome metallurgy offers lower wear rate than the conventionally used parts of manganese steel, iron, hyper steel, and forgings. The company offers complete solutions in grinding to optimise the productivity of grinding mills

#### **Investment Theme**

We like AIA's business model as major share of mill internals' demand arises from the mining industry, followed by cement. The annual global replacement demand for these two sectors is estimated at ~3mt. However, about 80% of the mining demand is currently being serviced by conventional and forged mill internals. With the industry moving from cost of parts to total cost of ownership, there is a huge opportunity for AIA to convert users to high chrome mill internals. AIA is expanding into mill linings now, and focusing on being a comprehensive solutions provider to miners by providing better yields, lower costs and higher throughputs. The opportunity size for the same is 300ktpa and AIA has ~75ktpa capacity. We see the company past the headwinds of anti-dumping duties and COVID19 related disruption. Further, the upcoming capacity will add the ability of the company to increase volumes. In the current environment of increasing mining capex, we see AIA at the vantage point to maintain 25% plus EBITDA margin and RoE of 17%+ over next few years

#### **Key Risks**

Fluctuating raw material prices: Even though price escalation clauses have been built into customer contracts, any substantial increase in the raw material prices can adversely affect AIA's performance. In addition, shortage of domestic/imported raw materials may adversely affect its growth prospect

Dependence on end-user industries: AIA is dependent on growth prospects of cement, mining, and power sectors for product sales. Any slowdown in these industries may result in margin contraction or restrict volume growth

## **Additional Data**

#### Management

Chairman	Rajendra Shah
MD	Bhadresh Shah
Whole-time Director	Yashwant Patel
CFO	Viren Thakkar
Auditor	BSR & Co LLP

#### **Recent Company Research**

Date	Title	Price	Reco
23-May-25	Awaiting visibility on volume growth; <i>Result Update</i>	3,315	Hold
07-Feb-25	Volume recovery awaited; Result Update	3,652	Hold
30-Oct-24	Volumes hit earnings; short-term pressur; Result Update	3,902	Hold

### Holdings – Top 10\*

	% Holding		% Holding
Nalanda	9.29	Vanguard Group	1.38
SBI Mutual Fund	7.45	Tata AMC	1.07
HDFC AMC	4.15	Blackrock Inc	0.91
ICICI Pru	4.53	Dimentional Fun	0.62
Kotak AMC	1.95	Aditya Birla AM	0.23

<sup>\*</sup>Latest public data

#### **Recent Sector Research**

Date	Name of Co./Sector	Title
11-Aug-25	RHI Magnesita India	Margins poised to improve in H2; Result Update
11-Aug-25	DOMS	Strong results; watch out for capacity a; Result Update
29-Jul-25	Flair	Margins bounce; own brands lead the way; Result Update

### **Rating and Daily Volume Interpretation**



Source: Bloomberg, Nuvama research

#### **Rating Rationale & Distribution: Nuvama Research**

8 8		
Rating	Expected absolute returns over 12 months	Rating Distribution
Buy	15%	198
Hold	<15% and >-5%	70
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: <a href="mailto:complianceofficer.nwm@nuvama.com">comm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- <a href="mailto:grievance.nwm@nuvama.com">grievance.nwm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- <a href="mailto:grievance.nwm@nuvama.com">grievance.nwm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- <a href="mailto:grievance.nwm@nuvama.com">grievance.nwm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- <a href="mailto:grievance.nwm@nuvama.com">grievance.nwm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- <a href="mailto:grievance.nwm@nuvama.com">grievance.nwm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- <a href="mailto:grievance.nwm@nuvama.com">grievance.nwm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- <a href="mailto:grievance.nwm@nuvama.com">grievance.nwm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- <a href="mailto:grievance.nwm@nuvama.com">grievance.nwm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- <a href="mailto:grievance.nwm@nuvama.com">grievance.nwm@nuvama.com</a> Contact details +91 (22) 6623 3478 Investor Grievance e-mailto:

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 in certain 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 performance. The

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 <a href="https://www.nseindia.com">www.nseindia.com</a>

#### **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; (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