

HINDALCO

RESULT UPDATE

KEY DATA

Rating	HOLD
Sector relative	Neutral
Price (INR)	790
12 month price target (INR)	838
52 Week High/Low	864/546
Market cap (INR bn/USD bn)	1,776/20.0
Free float (%)	65.3
Avg. daily value traded (INR mn)	4,261.4

SHAREHOLDING PATTERN

	Sep-25	Jun-25	Mar-25
Promoter	34.64%	34.64%	34.64%
FII	32.10%	31.39%	31.80%
DII	24.23%	25.06%	24.80%
Others	9.03%	8.91%	8.80%

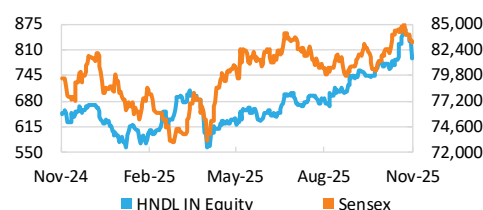
FINANCIALS

	(INR bn)			
Year to March	FY25A	FY26E	FY27E	FY28E
Revenue	2,385.0	2,518.2	2,554.0	2,605.4
EBITDA	328.2	333.8	360.9	380.5
Adjusted profit	177.6	163.3	179.2	183.0
Diluted EPS (INR)	80.0	73.6	80.7	82.4
EPS growth (%)	75.6	(8.0)	9.7	2.1
RoAE (%)	14.7	12.0	11.4	10.4
P/E (x)	9.9	10.7	9.8	9.6
EV/EBITDA (x)	6.4	6.5	6.0	5.8
Dividend yield (%)	0.6	0.6	0.6	0.6

CHANGE IN ESTIMATES

(INR bn)	Revised estimates		% Revision	
Year to March	FY26E	FY27E	FY26E	FY27E
Revenue	2,518	2,554	0.0	0.0
EBITDA	334	361	0.0	0.0
Adjusted profit	163	179	0.0	0.0
Diluted EPS (INR)	73.6	80.7	0.0	0.0

PRICE PERFORMANCE



Higher CoP offsets pricing gain

Hindalco India (including Utkal Alumina) reported lower-than-expected Q2FY26 adjusted EBITDA of INR49.04bn (our estimate: INR53.7bn), up ~3% QoQ and aluminium EBITDA/t of USD1,564, up USD14/t QoQ despite LME aluminium prices increasing by USD168/t QoQ. Higher CoP, lower premium and lower alumina prices offset LME aluminium price gain, to a certain extent.

Domestically, higher aluminium prices shall help enhance earnings in Q3FY26. Novelis's earnings should be tepid in Q3FY26 amid seasonality and full effect of Oswego plant fire. Its earnings are likely to recover in FY27. We reckon the stock shall be range bound. Retain 'HOLD' with a TP of INR838, valuing at 6.0x FY28E EV/EBITDA.

Higher CoP offsets higher aluminium prices; EBITDA up 3% QoQ

India operations' EBITDA inched up 3% QoQ to INR49bn owing to higher prices and volumes partially offset by an increase in CoP, lower regional premium and lower alumina prices.

Aluminium (including Utkal Alumina) adjusted EBITDA was INR46.5bn, up ~10% QoQ. It was primarily driven by higher LME prices (up USD168/t QoQ) and higher aluminium shipments at 341kt (up 6.6% QoQ). It was partially offset by lower alumina prices and higher coal cost driving overall increase in CoP by 4% QoQ. Overall, it led to a marginal rise in EBITDA/t by USD14/t QoQ to USD1,564/t. For Q3FY26, CoP is likely to be higher up 0–1% QoQ due to higher CP coke price and planned maintenance shutdown partially offset by lower coal cost.

Hedging: i) 31% of Q3FY26 volume is hedged at USD2,700/t; ii) 49% of Q4FY26 volume is hedged at USD2,760/t; and iii) 10% of FY27 volume hedged at USD2,800/t.

Copper EBITDA at INR6.3bn fell 5.8% QoQ primarily due to weak Tc/Rc margins and lower volumes QoQ. However, EBITDA/t was marginally up 1% QoQ to USD643/t.

Consolidated net debt increases INR71.5bn QoQ to INR414bn

Consolidated net debt surged 21% QoQ to INR414bn primarily due to higher capex spent in Q2FY26. It has announced an aluminium smelter capacity addition of 193ktpa in phase 2 by FY29 and may initiate further expansion of 360ktpa at Mahan later. Consolidated net debt/EBITDA increased to 1.23x in Q2FY26 (versus 1.02x in Q1FY26). Despite increase in Bay Minette capex from USD4.1bn to USD5bn and new capex announced in India business; balance sheet will be under control with consolidated net debt/EBITDA to remain below 1.5x over FY26–28E.

Financials (Consolidated)

Year to March (INR mn)	Q2FY26	Q2FY25	% Change	Q1FY26	% Change
Net Revenue	6,60,580	5,82,030	13.5	6,42,320	2.8
EBITDA	89,760	80,290	11.8	80,750	11.2
Adjusted Profit	49,230	44,230	11.3	40,040	23.0
Diluted EPS (INR)	22.1	19.8	11.3	18.0	23.0

Financial Statements

Income Statement (INR mn)

Year to March	FY25A	FY26E	FY27E	FY28E
Total operating income	23,84,960	25,18,207	25,53,972	26,05,449
Raw Material Cost	14,49,490	15,37,761	15,48,096	15,75,934
Employee costs	1,54,060	1,68,570	1,73,718	1,80,090
Other expenses	3,09,210	3,28,775	3,20,728	3,25,059
EBITDA	3,28,240	3,33,795	3,60,922	3,80,475
Depreciation	89,000	90,275	93,014	1,05,123
Less: Interest expense	34,190	34,518	36,259	36,259
Add: Other income	27,080	25,790	23,790	21,790
Profit before tax	2,32,160	2,34,822	2,55,469	2,60,912
Prov for tax	63,350	71,481	76,243	77,890
Less: Other adj	0	0	0	0
Reported profit	1,68,800	1,63,331	1,79,216	1,83,013
Less: Excp.item (net)	8,790	0	0	0
Adjusted profit	1,77,590	1,63,331	1,79,216	1,83,013
Diluted shares o/s	2,220	2,220	2,220	2,220
Adjusted diluted EPS	80.0	73.6	80.7	82.4
DPS (INR)	5.0	5.0	5.0	5.0
Tax rate (%)	27.3	30.4	29.8	29.9

Important Ratios (%)

Year to March	FY25A	FY26E	FY27E	FY28E
EBITDA margin (%)	13.8	13.3	14.1	14.6
Net profit margin (%)	7.4	6.5	7.0	7.0
Revenue growth (% YoY)	10.4	5.6	1.4	2.0
EBITDA growth (% YoY)	35.3	1.7	8.1	5.4
Adj. profit growth (%)	75.6	(8.0)	9.7	2.1

Assumptions (%)

Year to March	FY25A	FY26E	FY27E	FY28E
GDP (YoY %)	6.0	6.2	6.2	6.2
Repo rate (%)	6.0	5.0	5.0	5.0
USD/INR (average)	84.6	87.5	87.5	87.5
LME aluminium incl hedging (USD/t)	2,534	2,633	2,700	2,700
Aluminium vol.-India ('000 t)	1,352	1,354	1,354	1,354
Aluminium vol.- Novelis ('000 t)	3,757	3,719	3,769	3,869
Novelis- EBITDA/t (USD)	480	416	495	515

Valuation Metrics

Year to March	FY25A	FY26E	FY27E	FY28E
Diluted P/E (x)	9.9	10.7	9.8	9.6
Price/BV (x)	1.4	1.2	1.1	1.0
EV/EBITDA (x)	6.4	6.5	6.0	5.8
Dividend yield (%)	0.6	0.6	0.6	0.6

Source: Company and Nuvama estimates

Balance Sheet (INR mn)

Year to March	FY25A	FY26E	FY27E	FY28E
Share capital	2,220	2,220	2,220	2,220
Reserves	12,34,870	14,77,883	16,58,093	18,42,098
Shareholders funds	12,37,090	14,80,103	16,60,313	18,44,318
Minority interest	120	149	149	149
Borrowings	6,19,310	6,80,811	7,33,311	7,68,311
Trade payables	4,06,320	4,05,566	4,15,763	4,24,932
Other liabs & prov	2,96,410	3,08,544	3,10,824	3,12,640
Total liabilities	26,59,910	29,78,205	32,23,391	34,53,382
Net block	8,42,370	9,92,281	13,58,812	15,55,733
Intangible assets	3,26,480	3,31,071	3,31,071	3,31,071
Capital WIP	2,70,230	2,91,680	1,68,903	1,76,125
Total fixed assets	14,39,080	16,15,031	18,58,785	20,62,929
Non current inv	1,07,190	1,09,835	1,09,835	1,09,835
Cash/cash equivalent	2,66,000	2,77,093	3,34,497	3,22,247
Sundry debtors	1,98,340	2,52,205	1,83,182	2,12,888
Loans & advances	70	70	70	70
Other assets	6,01,120	6,03,894	6,16,041	6,23,661
Total assets	26,59,910	29,78,205	32,23,391	34,53,382

Free Cash Flow (INR mn)

Year to March	FY25A	FY26E	FY27E	FY28E
PBT	2,23,370	2,34,792	2,55,439	2,60,882
Add: Depreciation	34,190	90,275	81,246	93,356
Interest (net of tax)	0	0	0	0
Others	64,420	0	0	0
Less: Changes in WC	(23,210)	47,964	99,163	18,628
Operating cash flow	2,44,100	3,01,549	3,59,605	2,94,977
Less: Capex	(2,04,040)	(2,67,996)	(3,25,000)	(2,97,500)
Free cash flow	40,060	33,554	34,605	(2,523)

Key Ratios

Year to March	FY25A	FY26E	FY27E	FY28E
RoE (%)	14.7	12.0	11.4	10.4
RoCE (%)	15.4	13.4	12.8	11.9
Inventory days	69	71	71	71
Receivable days	28	33	31	28
Payable days	57	59	59	59
Working cap (% sales)	7.7	9.1	6.3	7.2
Gross debt/equity (x)	0.5	0.5	0.4	0.4
Net debt/equity (x)	0.3	0.3	0.2	0.2
Interest coverage (x)	7.0	7.1	7.4	7.6

Valuation Drivers

Year to March	FY25A	FY26E	FY27E	FY28E
EPS growth (%)	75.6	(8.0)	9.7	2.1
RoE (%)	14.7	12.0	11.4	10.4
EBITDA growth (%)	35.3	1.7	8.1	5.4
Payout ratio (%)	6.6	6.8	6.2	6.1

Exhibit 1: Consolidated financial snapshot

Year to March (INR mn)	2QFY26	2QFY25	% change	1QFY26	% change	FY26E	FY27E	FY28E
Net revenues	6,60,580	5,82,030	13.5	6,42,320	2.8	25,18,207	25,53,972	26,05,449
Raw material	4,15,870	3,57,880	16.2	4,09,490	1.6	15,37,761	15,48,096	15,75,934
Staff cost	41,210	37,990	8.5	42,530	(3.1)	1,68,570	1,73,718	1,80,090
Other expenditure	79,270	70,020	13.2	74,900	5.8	3,28,775	3,20,728	3,25,059
Total expenditure	5,70,820	5,01,740	13.8	5,61,570	1.6	21,84,412	21,93,049	22,24,974
EBITDA	89,760	80,290	11.8	80,750	11.2	3,33,795	3,60,922	3,80,475
Depreciation	-21,650	-20,780	4.2	-22,490	(3.7)	90,275	93,014	1,05,123
EBIT	68,110	59,510	(100.0)	58,260	16.9	2,43,520	2,67,909	2,75,352
Interest	-8,030	-8,690	(7.6)	-7,540	6.5	34,518	36,259	36,259
Other income	7,130	10,750	(33.7)	6,020	18.4	25,790	23,790	21,790
Profit Before Tax	67,210	61,570	9.2	56,740	18.5	2,34,822	2,55,469	2,60,912
Provision for Tax	-17,990	-17,340	3.7	-16,720	7.6	71,481	76,243	77,890
Reported net profit	47,400	39,090	21.3	40,020	18.4	1,63,331	1,79,216	1,83,013
Adjusted Profit	49,230	44,230	11.3	40,040	23.0	1,63,331	1,79,216	1,83,013
No of shares (mn)	2,220	2,220		2,220		2,220	2,220	2,220
EPS (INR)	21.4	17.6	21.3	18.0	18.4	73.6	80.7	82.4
as % of net revenues								
Raw material	63.0	61.5		63.8		61.1	60.6	60.5
Staff costs	6.2	6.5		6.6		6.7	6.8	6.9
Other expenses	12.0	12.0		11.7		13.1	12.6	12.5
EBITDA	13.6	13.8		12.6		13.3	14.1	14.6
Reported net profit	7.2	6.7		6.2		6.5	7.0	7.0
Tax rate	(26.8)	(28.2)		(29.5)		30.4	29.8	29.9

Source: Company, Nuvama Research

Exhibit 2: Standalone including Utkal financials

(INR mn)	Q2FY25	Q3FY25	Q4FY25	Q1FY26	Q2FY26	QoQ (%)	YoY (%)
Net Sales	2,31,350	2,46,180	2,60,670	2,49,050	2,54,940	2.4	10.2
Operating EBITDA	43,140	46,330	53,530	47,540	49,040	3.2	13.7
Aluminium incl Utkal alumina	38,630	42,910	51,740	42,410	46,560	9.8	20.5
Copper	8,290	7,770	6,140	6,730	6,340	-5.8	-23.5
Unallocable expenses	-3,810	-3,520	-3,330	-2,170	-3,370	55.3	-11.5
Other income	8,250	1,400	2,090	3,130	2,500	-20.1	-69.7
Finance cost	2,370	2,320	2,340	1,590	1,560	-1.9	-34.2
Depreciation	5,940	6,150	6,370	8,160	6,800	-16.7	14.5
PBT before exceptional items	43,080	39,260	46,910	40,920	43,180	5.5	0.2
Profit Before Tax (After Exceptional Item)	43,080	39,260	46,910	40,920	43,180	5.5	0.2
Tax	14,580	10,410	14,830	12,450	12,590	1.1	-13.6
Reported PAT	28,500	28,850	32,080	28,470	30,590	7.4	7.3
Adjusted PAT	28,500	28,850	32,080	28,470	30,590	7.4	7.3

Source: Company, Nuvama Research

Q2FY26 conference call: Key takeaways

Macro scenario

Domestic aluminium demand expanded by 8% YoY to 1.53mt in Q2FY26 primarily led by strong demand from electricals, packaging and consumer durables.

Global aluminium demand and supply grew 1% YoY in 9MFY25. In China, aluminium production increased 1% YoY to 32.5mt supported by capacity additions in Yunnan, Sichuan and Inner Mongolia partially offset by closures in Shandong. Consumption grew 3% YoY to 34mt driven by a sharp rise in solar installation and EV production. In Rest of World, production was marginally up at 22.5mt, but demand remained subdued at 21mt. Hence, global market broadly remained balanced as deficit in China is offset by surplus in rest of world.

Operational performance

Aluminium: Aluminium adjusted EBITDA was INR46.5bn, up ~10% QoQ. It was primarily driven by higher LME prices (up USD168/t QoQ) and higher aluminium shipments at 341kt (up 6.6% QoQ). EBITDA was partially offset by lower alumina prices, lower regional premium and higher coal cost driving overall increase in aluminium CoP by ~4% QoQ. The alumina sales volume increased 17% QoQ at 199kt. Overall, it led to marginal rise in EBITDA/t by USD14/t QoQ to USD1,564/t. Q2FY26 includes some write back of RPO obligation too. Management guided for 170kt alumina sales volume in Q3FY26 and 700-800kt in FY26.

Management has guided for Q3FY26 aluminium CoP to be 0-1% QoQ higher led by higher CP coke prices and planned maintenance shutdown partially offset by lower coal cost.

Hedging: i) 31% of Q3FY26 volume is hedged at USD2,700/t; ii) 49% of Q4FY26 volume is hedged at USD2,760/t; iii) 10% of FY27 volume is hedged at USD2,800/t. It can further hedge ~10% of FY27 volume in Q4FY26. Approximately 27% of the currency is hedged at USD/INR of 87.5.

Copper: Benchmark Tc/Rc margin is finalised at USD5.45/lb (versus USD20.3 in CY25; down 73% YoY).

Novelis: In the US, beverage can demand is high with deficit in supply of 400-500kt. With growth expectation of 3-5% CAGR, the shortage will further spread into automotive and some speciality products as well by FY30. The capex on Bay Minette expansion of 600ktpa was increased from USD4.1bn to USD5bn. The ~50% increase is owing to increase in inflation relating to equipment, labour, etc and the rest due to complexity with some part of facility which finalised at a later date. It guides that this project IRR will be higher than cost of capital, which is ~5%. Once it expands the second phase of the plant (by installing 600ktpa cold rolled mill), project IRR will be in double digits.

Project expansion

An 850ktpa alumina refinery is likely to be commissioned in FY28.

At Aditya, Phase 1 of aluminium smelter expansion of 180ktpa is progressing well (guides in FY28). It announced a further expansion of 193ktpa (guides in FY29) at a capex of INR102bn taking total incremental capacity to 374ktpa by FY29.

Apart from this, it plans to initiate another capacity expansion of 360ktpa at Mahan after the existing expansion project gets completed and other variables such as liquidity, etc, are in place.

Chakala coal mine (4.5mtpa) and Bandha coal mine (5mtpa) to start box cutting in Dec-25/Jan-26 onwards and expect to start production in Q1FY27.

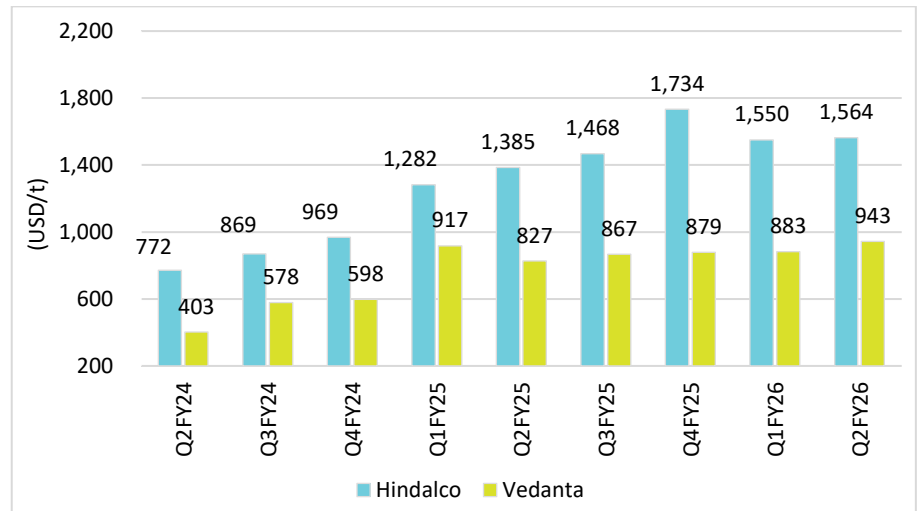
Debt and capex

Consolidated net debt at end-Q2FY26 was INR414.1bn (INR342.6bn at Q1FY26 end). During H1FY26, total capex was INR113.3bn. Management reiterated that consolidated net debt/EBITDA shall not cross 2x. At Q2FY26-end, it stood at 1.23x. Management guides India capex of INR85bn in FY26 and ~INR110bn in FY27

Others

The company has current renewable energy capacity of 292MW. Moreover, ~230MW hybrid renewable capacity to be commissioned in Q3FY26 and taking total capacity to ~522MW by FY26-end.

Exhibit 3: EBITDA/t trend



Source: Company, Nuvama Research

Exhibit 4: Key assumptions

Particulars	FY23	FY24	FY25	FY26E	FY27E	FY28E
USD/INR	81.0	82.8	84.6	87.5	87.5	87.5
LME aluminium incl hedging (USD/t)	2,436	2,267	2,534	2,633	2,700	2,700
Premium (USD/t)	100	100	100	100	100	100
Aluminium volume-India ('000 t)	1,350	1,372	1,352	1,354	1,354	1,354
Aluminium volume- Novelis ('000 t)	3,790	3,673	3,757	3,719	3,769	3,869
Novelis- EBITDA/t (USD)	478	510	480	416	495	515
Net debt/EBITDA(x)	1.5	1.3	1.1	1.2	1.1	1.2

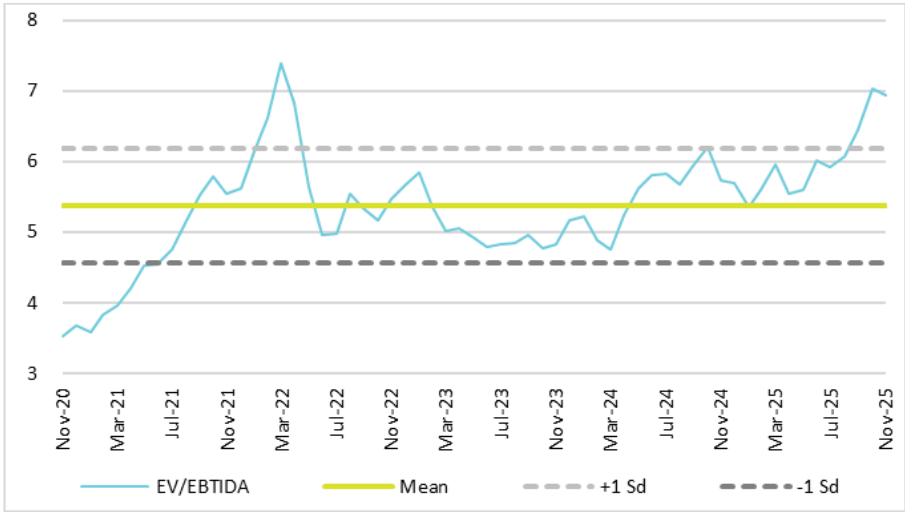
Source: Company, Nuvama Research

Exhibit 5: Valuation

INR mn	FY28E
EBITDA	3,80,475
Multiple (x)	6.0
Enterprise Value	22,82,850
Average Net debt	4,22,439
Market Cap	18,60,412
No of shares (mn)	2,220
Fair value (INR/share)	838

Source: Company, Nuvama Research

Exhibit 6: On 1Y forward EV/EBITDA, HNDL trading above +1SD of 5Y average



Source: Bloomberg, Nuvama Research

Company Description

Hindalco Industries Limited is engaged in the production of aluminium and aluminium products, along with copper and copper products. Globally, the company produces value added aluminium products via its 100% subsidiary, Novelis having 4.1mtpa of rolling capacity and 2.5mtpa of recycling capacity. In India, Hindalco is integrated with alumina, bauxite and produces aluminium with 1.3mtpa capacity and copper with 0.5mtpa capacity along with copper rods and by products like gold and silver products. Hindalco's products include aluminium ingots/rolled products, copper cathodes and Concast copper rods. The company's aluminium downstream offerings include extrusions, flat-rolled products, foils, wire rods and billets. Hindalco offers its services to various industries, such as automotive and transport, building and construction, industrial applications, pharmaceuticals and packaging, and white goods.

Investment Theme

Management maintains its sustainable EBITDA/t guidance of USD600 in long term. It is expanding Novelis's capacity from 4mtpa to ~5mtpa by FY27E along with expansion of recycling capacity from 2.5mtpa to 3.9mtpa.

Hindalco India is in the first quartile of the world cost curve. Domestically, the company has expanded aluminium value added capacity from 350ktpa to 600ktpa. It is further expanding primary aluminium capacity by 374ktpa, alumina capacity by 1.5mtpa and other downstream projects.

Key Risk

- Sharp dip in aluminium LME prices with no increase in premiums.
- Input costs increasing higher than expected
- Lower-than-expected margin at Novelis due to lower scrap spread
- Any further increase in capex/time overrun in upcoming projects

Additional Data

Management

Chairman	Kumar Mangalam Birla
MD	Satish Pai
WTD, CFO and CEO (Copper)	Praveen Maheshwari
President & CEO (Novelis)	Steve Fischer
Auditor	PWC LLP

Holdings – Top 10*

% Holding		% Holding	
LIC of India	6.18	UTI NPS Trust	1.73
SBI Funds	4.55	ICICI Pru AMC	1.56
Vanguard	2.73	HDFC AMC	1.36
Blackrock	2.35	Aditya Birla AM	1.31
Singapore	2.18	SBI Life	1.21

*Latest public data

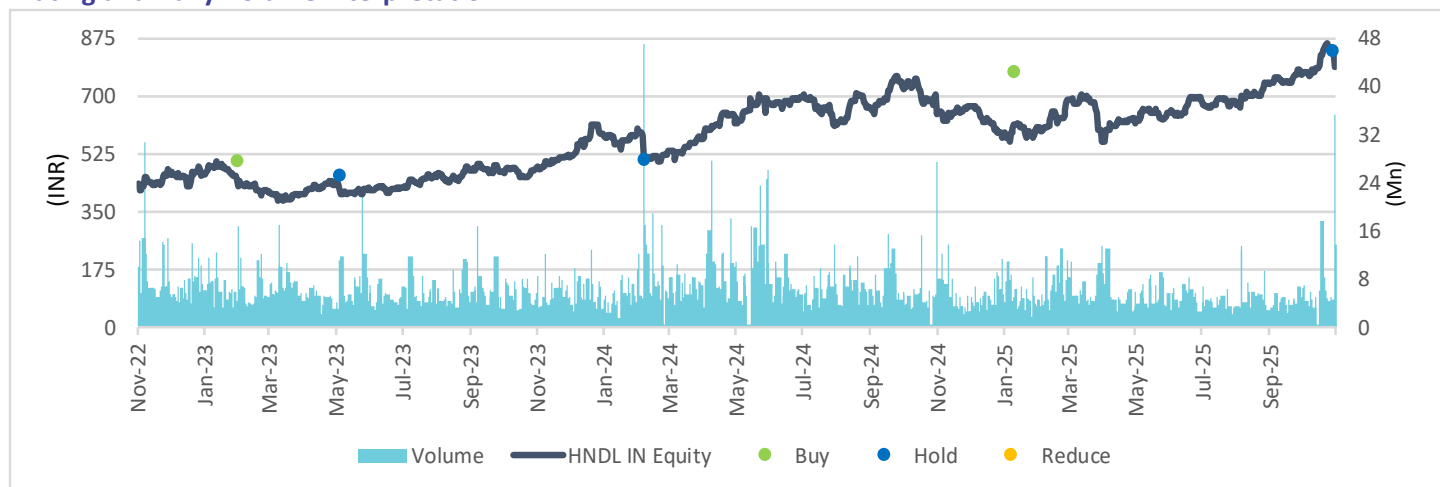
Recent Company Research

Date	Title	Price	Reco
04-Nov-25	Weak earnings; capex swells again; <i>Result Update</i>	831	Hold
12-Aug-25	India firm; Novelis bottoming out; <i>Result Update</i>	667	Buy
11-Aug-25	Earnings bottom out; recovery by Q4; <i>Result Update</i>	673	Buy

Recent Sector Research

Date	Name of Co./Sector	Title
31-Oct-25	Vedanta	A leveraged play; demerger in Q4FY26E; <i>Result Update</i>
31-Oct-25	Gravita India	Expansion to lift lead capacity 50% in H; <i>Result Update</i>
30-Oct-25	NMDC	Price cut to dent Q3FY26 earnings; <i>Result Update</i>

Rating and Daily Volume Interpretation



Source: Bloomberg, Nuvama research

Rating Rationale & Distribution: Nuvama Research

Rating	Expected absolute returns over 12 months	Rating Distribution
Buy	15%	205
Hold	<15% and >-5%	68
Reduce	<-5%	37

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 officer: Mr. Abhijit Talekar, E-mail address: researchcompliance@nuvama.com Contact details +91 9004510449 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 performance. The disclosures of interest statements incorporated in this report are provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. The information provided in these reports remains, unless otherwise stated, the copyright of NWML. All layout, design, original artwork, concepts and other Intellectual Properties, remains the property and copyright of NWML and may not be used in any form or for any purpose whatsoever by any party without the express written permission of the copyright holders.

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 other than intended 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

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 publication of research report or 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 in the last 12 month period ending on the last day of the month immediately preceding the date of publication of the Report.: 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 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

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

Artificial Intelligence (“AI”) tools may have been used (i) during the information gathering stage for compiling or collating the data from-(a) publicly available data sources; (b) databases to which NWML subscribes; and (c) internally generated research data, and/or (ii) for compiling summaries of the report.

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 M5J 2T3 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. REGISTRATION GRANTED BY SEBI, MEMBERSHIP OF RAASB AND CERTIFICATION FROM NISM IN NO WAY GUARANTEE PERFORMANCE OF NWML OR PROVIDE ANY ASSURANCE OF RETURNS TO INVESTORS AND CLIENTS.

Abneesh Roy

Head of Research Committee

Abneesh.Roy@nuvama.com
