

Estimate change	↔
TP change	↓
Rating change	↔

CMP: INR606 TP: INR730 (+20%) Buy

In-line performance; muted Novelis performance offset by strong India operation

Consolidated performance

- 3QFY25 consolidated net sales stood at INR584b (+11 YoY/flat QoQ), in line with our est. of INR595b, aided by better realization.
- Consolidated EBITDA stood at INR76b (+29% YoY/-4% QoQ), in line with our est. of INR77b, driven by lower costs and operating efficiencies.
- APAT stood at INR38b (+61% YoY/-12% QoQ), in line with our estimate.
- For 9MFY25, revenue stood at INR1736b (+9% YoY), EBITDA came in at INR230b (+34% YoY), and APAT was INR113b (+63% YoY).
- Net debt-to-EBITDA ratio rose to 1.33x in 3QFY25 from 1.19x in 2QFY25.

Aluminum business

- Upstream revenue stood at INR99.9b in 3QFY25 (+25% YoY), led by higher average aluminum prices.
- Aluminum upstream EBITDA stood at INR42.2b (+73% YoY; USD1,480/t), driven by lower input costs.
- EBITDA margins stood at 42% (vs. 31% in 3QFY24).
- Downstream revenue stood at INR32b (+25% YoY) on account of higher volume. Downstream aluminum sales stood at 99KT in 3QFY25 (+10% YoY) on account of market recovery.
- Downstream EBITDA stood at INR1.5b (+36% YoY) on account of a favorable product mix. EBITDA/t stood at USD179 (flat QoQ) in 3QFY25 as compared to USD146 in 3QFY24.

Copper business

- Copper business revenue stood at INR137b (+15% YoY) on account of higher average copper prices.
- EBITDA for the copper business was at INR7.8b, up +18% YoY.
- Copper metal sales were at 120KT (+1% YoY) in 3QFY25 and CCR sales were at 95KT (+1% YoY).

Novelis' 3QFY25 performance

- Shipment volume stood at 904kt (-1% YoY/-4% QoQ) vs. our estimate of 910kt. The weakness in volume was primarily due to lower VAP and automotive shipments.
- Revenue stood at USD4.1b (+4% YoY/-5% QoQ), largely in line with our estimate of USD4.2b. Revenue was supported by higher aluminum prices.
- Adjusted EBITDA stood at USD367m (-19% YoY/-21% QoQ), below our estimate of USD428mn. This was primarily driven by higher aluminum scrap prices and an unfavorable product mix. EBITDA/t came in at USD406/t (vs. our est. of USD470/t) in 3QFY25.
- APAT stood at USD125m (-36% YoY/-38% QoQ) vs. our est. of USD154m.
- The current net debt-to-adj. EBITDA ratio stands at 2.9x vs. 2.5x in 2QFY25.

Bloomberg	HNDL IN
Equity Shares (m)	2247
M.Cap.(INRb)/(USDb)	1362.3 / 15.7
52-Week Range (INR)	773 / 499
1, 6, 12 Rel. Per (%)	4/3/14
12M Avg Val (INR M)	4557
Free float (%)	65.4

Financials & Valuations (INR b)

Y/E MARCH	2025E	2026E	2027E
Sales	2,332	2,488	2,649
EBITDA	307	310	323
Adj. PAT	155	146	157
EBITDA Margin (%)	13	12	12
Cons. Adj. EPS (INR)	70	66	71
EPS Gr. (%)	53	-6	8
BV/Sh. (INR)	422	480	544

Ratios

Net D:E	0.4	0.3	0.2
RoE (%)	17.8	14.6	13.8
RoCE (%)	14.7	13.1	13.0
Payout (%)	8.6	10.6	9.9

Valuations

P/E (x)	8.7	9.2	8.6
P/BV (x)	1.4	1.3	1.1
EV/EBITDA(x)	5.5	5.3	5.0
Div. Yield (%)	1.0	1.2	1.2
FCF Yield (%)	3.8	4.6	5.1

Shareholding Pattern (%)

As On	Dec-24	Sep-24	Dec-23
Promoter	34.6	34.6	34.6
DII	24.9	24.6	25.5
FII	32.2	32.8	32.1
Others	8.3	8.0	7.9

FII includes depository receipts

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Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.

Highlights from the management commentary

- As of now, Novelis operations are unlikely to be significantly impacted by the ongoing tariff war.
- HNDL's coal cost remained stable, with 50% sourced through linkage and 50% from e-auctions. Management has guided that the new captive coal mines (Chakla + Meenakshi coal mine) will reduce the company's coal costs by 30% from current coal costs.
- HNDL hedged ~35% of its aluminum at USD2,600/t for 4QFY25 and secured 12% hedging at USD2,700/t for FY26.
- Out of the 300MW of renewables capacity, HNDL commissioned 6.3MW of floating solar capacity at Mahan, bringing the total RE power to 189MW.
- Chakla captive coal mine is on track to start operations by the end of FY26.
- TC/RC prices were under pressure, with the current TC/RC benchmark settling at USD0.054/pound (-73% YoY from USD0.205 in CY24), which has increased smelting costs and impacted margins. The restarting of Indonesia's copper concentrate exports will provide significant relief.

Valuation and view

- HNDL's 3QFY25 consolidated performance came as anticipated. The earnings growth was driven by favorable pricing and lower input costs. Novelis posted a weak performance, which was offset by strong domestic operations. Scrap price inflation raised the CoP for Novelis, impacting margins in 3Q.
- Management expects scrap prices to normalize in the coming quarters, and with strong domestic operations, we expect a healthy consolidated performance for FY26/27E. Considering this, we largely maintain our earnings estimates.
- The ongoing capex in Novelis will establish HNDL as the global leader in the beverage cans and automotive FRP segments. The capex is likely to be completed within the stated timeline, and management does not see any further capex increase.
- **At CMP, the stock trades at 5x EV/EBITDA and 1.1x P/B on FY27E. We reiterate our BUY rating on HNDL with a revised SoTP-based TP of INR730.**

HNDL's India expansion status

Project	Capacity	Capex	Commissioning
Aditya Alumina Refinery	850KT (Phase 1)	INR75-80b	Dec-27
Aditya Aluminium Smelter	180KT	Pending	FY29
FRP Expansion (India)	200KT	Incl. in INR40b capex guidance	FY26
Silvassa Extrusion	-	-	Mid-2025
Copper Smelter Expansion	300 KT	Pending	FY28-FY29
Copper Tube Plant	25KT	INR 2,700 Cr	Feb-25
Meenakshi Coal Mine	12MTPA	Pending	FY28
Chakla Coal Mine	-	-	FY26

Source: MOFSL, Company

Consolidated quarterly performance

(INR b)

Y/E March	FY24				FY25				FY24	FY25E	FY25 3QE	vs Est (%)
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE				
Net Sales	529.9	541.7	528.1	559.9	570.1	582.0	583.9	596.4	2,159.6	2,332.4	595.4	-1.9
Change (YoY %)	(8.7)	(3.6)	(0.6)	0.2	7.6	7.4	10.6	6.5	(3.2)	8.0		
Change (QoQ %)	(5.1)	2.2	(2.5)	6.0	1.8	2.1	0.3	2.1	-	-		
Total Expenditure	472.8	485.6	469.4	493.1	495.1	503.2	508.1	518.6	1,920.9	2,025.0		
EBITDA	57.1	56.1	58.7	66.8	75.0	78.8	75.8	77.8	238.7	307.5	76.7	-1.1
Change (YoY %)	(32.2)	4.7	65.3	25.4	31.3	40.5	29.3	16.4	5.3	28.8		
Change (QoQ %)	7.3	(1.8)	4.5	13.9	12.3	5.1	(3.8)	2.6	-	-		
As % of Net Sales	10.8	10.4	11.1	11.9	13.2	13.5	13.0	13.0	11.1	13.2		
Interest	9.9	10.3	9.4	8.9	8.6	8.7	8.2	8.6	38.6	34.1		
Depreciation	17.9	18.4	18.7	20.2	18.9	19.3	19.4	19.3	75.2	76.9		
Other Income	3.9	4.6	2.8	3.6	4.2	10.8	5.1	5.9	15.0	26.0		
PBT (before EO item)	33.3	32.0	33.3	41.4	51.8	61.6	53.4	55.8	139.9	222.4		
Extra-ordinary Income	(0.1)	0.3	-	-	(3.3)	(5.1)	(0.4)	-	0.2	(8.9)		
PBT (after EO item)	33.2	32.3	33.3	41.4	48.5	56.4	53.0	55.8	140.1	213.6		
Total Tax	8.6	10.4	10.0	9.6	17.7	17.3	15.6	14.4	38.6	65.1		
% Tax	26.0	32.0	30.0	23.3	36.6	30.7	29.5	25.9	27.5	30.5		
PAT before MI and Associate	24.5	22.0	23.3	31.8	30.7	39.1	37.3	41.3	101.5	148.5		
Adjusted PAT	24.7	21.6	23.3	31.7	33.1	42.7	37.6	41.3	101.3	154.7	37.7	-0.1
Change (YoY %)	(39.5)	(1.9)	71.1	31.6	34.0	97.3	61.5	30.3	-	-		
Change (QoQ %)	2.3	(12.3)	7.7	36.2	4.1	29.2	(11.8)	9.8				

Source: MOFSL, Company

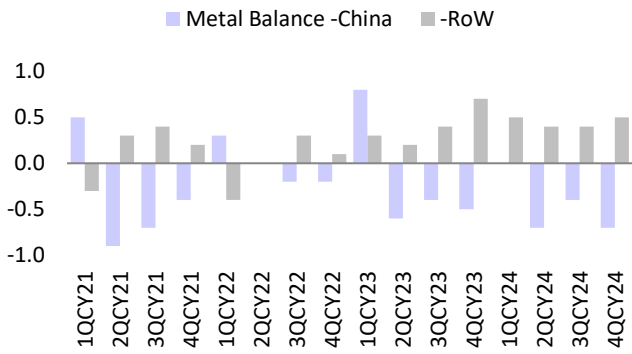
Quarterly performance for Novelis

(USD m)

Y/E March	FY24				FY25				FY24	FY25E	FY25 3QE	vs Est (%)
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE				
Sales (000 tons)	879	933	910	951	951	945	904	930	3,673	3,730	910	-0.7
Change (YoY %)	-8.6	-5.2	0.2	1.6	8.2	1.3	-0.7	-2.2	-3.1	1.6		
Change (QoQ %)	-6.1	6.1	-2.5	4.5	0.0	-0.6	-4.3	2.9	0.0	0.0		
Net Sales	4,091	4,107	3,935	4,077	4,187	4,295	4,080	4,365	16,210	16,927	4,209	-3.1
Change (YoY %)	-19.6	-14.4	-6.3	-7.3	2.3	4.6	3.7	7.1	-12.3	4.4		
Change (QoQ %)	-7.0	0.4	-4.2	3.6	2.7	2.6	-5.0	7.0	0.0	0.0		
EBITDA (adjusted)	421	484	454	514	500	462	367	443	1,873	1,772	428	-14.2
Change (YoY %)	-25.0	-4.3	33.1	27.5	18.8	-4.5	-19.2	-13.9	3.4	-5.4		
Change (QoQ %)	4.5	15.0	-6.2	13.2	-2.7	-7.6	-20.6	20.6	0.0	0.0		
EBITDA per ton (USD)	479	519	499	540	526	489	406	476	510	475	470	-13.6
Interest	70	74	67	64	64	67	61	73	275	265		
Depreciation	131	136	139	148	140	141	142	157	554	580		
PBT (before EO item)	220	274	248	302	296	254	164	213	1,044	927		
Extra-ordinary Income	(10)	(66)	(73)	(77)	(86)	(74)	(15)	-	(226)	(175)		
PBT (after EO item)	210	208	175	225	210	180	149	213	818	752		
Total Tax	54	51	54	59	60	51	39	68	218	218		
% Tax	25.7	24.5	30.9	26.2	28.6	28.3	26.2	32.0	26.7	29.0		
Reported PAT (after MI)	156	157	121	166	151	128	110	145	600	534		
Change (YoY %)	-49	-14	908	6	-3	-18	-9	-13	-9	-11		
Adjusted PAT	166	223	194	243	237	202	125	145	826	709	154	-18.7
Change (YoY %)	-40.5	-9.3	33.8	23.4	42.8	-9.4	-35.6	-40.3	-4.7	-14.2		
Change (QoQ %)	-15.7	34.3	-13.0	25.3	-2.5	-14.8	-38.1	16.1				

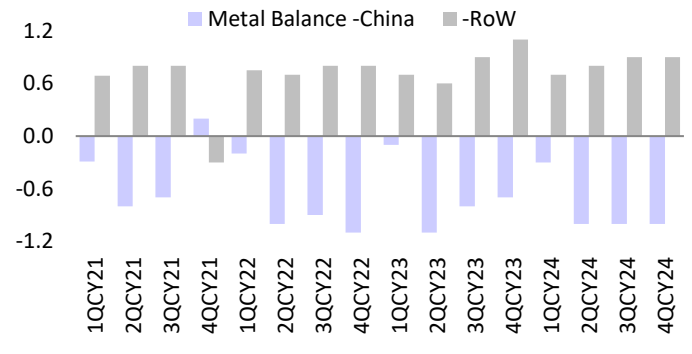
Source: MOFSL, Company

Exhibit 1: Aluminum market balance – Surplus/(deficit) (mt)



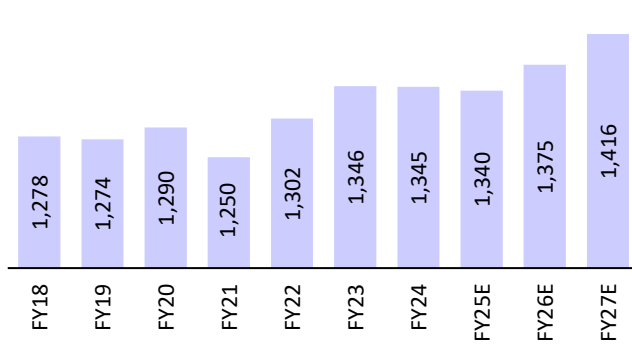
Source: MOFSL, Company

Exhibit 2: Copper market balance – Surplus/(deficit) (mt)



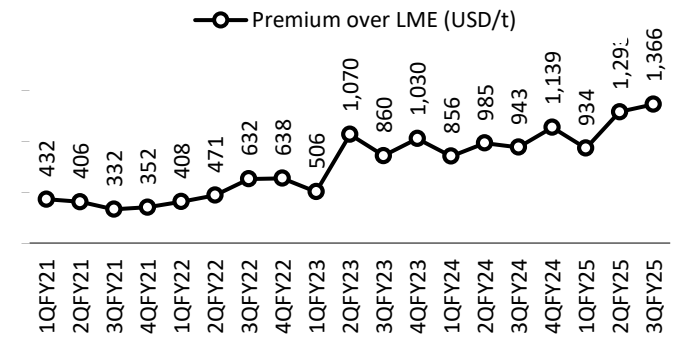
Source: MOFSL, Company

Exhibit 3: Al upstream production (kt) to hit 1.5mt



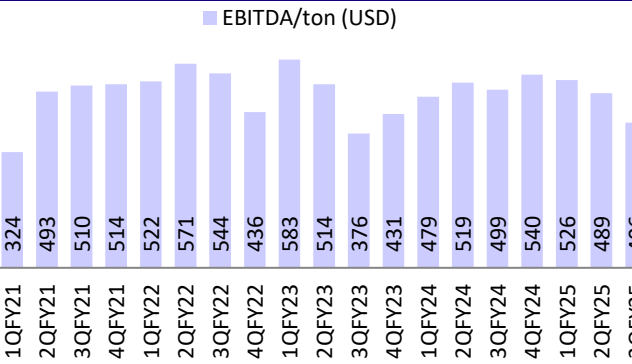
Source: MOFSL, Company

Exhibit 4: Aluminum premium increased QoQ



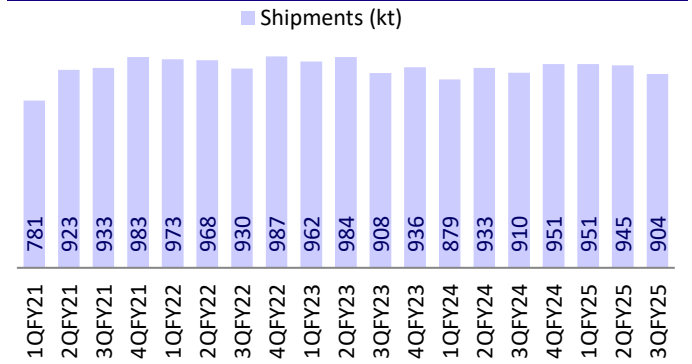
Source: MOFSL, Company

Exhibit 5: Novelis' EBITDA/t (USD) softened



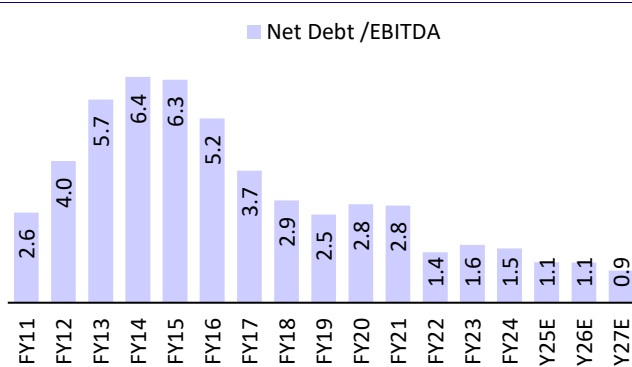
Source: MOFSL, Company

Exhibit 6: Novelis' shipments (kt) declined QoQ



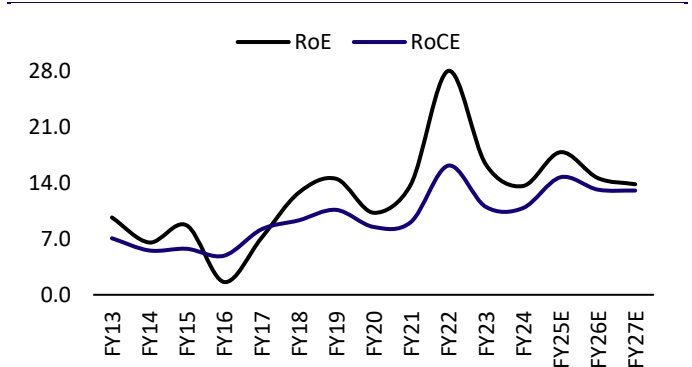
Source: MOFSL, Company

Exhibit 7: Leverage to remain below the current level



Source: MOFSL, Company

Exhibit 8: ROE and ROCE (%)



Source: MOFSL, Company



Highlights from the management commentary

Guidance:

- HNDL's coal cost remained stable, with 50% sourced through linkage and 50% from e-auctions. Management has guided that new captive coal mines (Chakla + Meenakshi coal mine) will reduce the company's coal costs by 30% from current levels.
- HNDL hedged ~35% of its aluminum at USD2,600/t for 4QFY25 and secured 12% hedging at USD2,700/t for FY26.
- Out of the 300MW of renewables capacity, HNDL commissioned 6.3MW of floating solar capacity at Mahan, bringing the total RE power to 189MW.
- Further, 100MW hybrid capacity (with storage) will be commissioned in H1CY25. 9MW of solar capacity is underway, and an additional 20MW of hybrid capacity (Solar + Wind) is expected to be operational by H2FY26.

Capex:

- The expansion of Aditya Alumina Refinery (850KT) in Odisha is under construction, with a total capex of INR75-80b. The Aditya Aluminum FRP project of 200KT will be commissioned in Jun'25 (FY26), bringing the total downstream capacity to 600kt.
- The 180KT aluminum smelter expansion at Aditya and 300KT copper smelter expansion are awaiting environmental clearance. These projects will be commissioned phase-wise over FY28-29 (aluminum smelter expected to start contributing from FY29 onwards).
- The Silvassa Extrusion Facility is set to be commissioned in mid'25, which will increase aluminum extrusion production.
- Capex guidance is INR80b for FY26 and ~INR60b for FY25 (9M - INR44b). Key projects include alumina refinery expansion, copper smelter expansion, and aluminum smelter expansion.
- For the copper business, the company has also planned downstream capacity expansion: 1) 25Kt Greenfield inner grooved tubes (INR27b) expected in 4QFY25, and 2) 50kt of e-waste and copper scrap recycling plant.
- The Chakla captive coal mine is on track to start operations by the end of 3Q-4QFY26. HNDL has secured the Meenakshi coal mine, which has a 12mtpa capacity and will boost captive consumption. The company will begin applying for clearance and approvals, which is expected to take close to two years, with completion targeted by FY28.

Global outlook:

- Global aluminum demand grew due to an increase in solar installations and EV production, though the construction sector remained weak. Copper consumption outpaced production, leading to a deficit of 0.1mt in Q4CY24.
- Global beverage can demand remains strong, with robust demand in beverage packaging shipments offsetting muted demand in specialty products and the European and Chinese automotive sectors.
- The Indian FRP market is estimated to grow by ~20% in FY25, led by growth in packaging and consumer durables.
- TC/RC prices were under pressure, with the current TC/RC benchmark settled at USD0.054/pound (-73% YoY from USD0.205 in CY24), which has increased smelting costs and impacted margins. The restarting of Indonesia's copper concentrate exports will provide significant relief.

Key takeaways from the Novelis conference call

Operating performance outlook

- Management has guided that 4QFY25 will be better than 3Q, led by higher volumes, better product mix, new contract pricing, and increased recycled aluminum usage.
- Additionally, management guided for high recycle content, supported by the Guthrie operation, compared to 63% currently.
- The change in product mix was driven by higher beverage can volumes and weaker auto volumes.

Bay Minette capex

- Novelis raised USD750m of senior notes in Jan'25 and plans to raise an additional amount later in the year to fund Bay Minette. The capex budget of ~USD4.1b for 600kt capacity is unlikely to be revised upwards.
- The Bay Minette project remains on schedule. A capex of USD1.3b was spent by the end of Q3FY25, with commissioning expected in 2H CY26.
- The plant will have ~600kt capacity — 420kt for beverage packaging and 180kt for automotive (primarily) and FRP specialties (if feasible). Long-term beverage packaging contracts have already been secured for this facility.
- Bay Minette's IRR is expected to stay in double digits, assuming scrap prices remain tight, as anticipated over time.

Demand outlook

- The company foresees a 4% growth in the aluminum FRP market. Global beverage packaging demand remains strong.
- Constraints in the supply chain are impacting OEM production of new aircraft.
- Increased competition and higher demand from China have led to significantly higher scrap aluminum prices, reducing the metal benefit from scrap inputs.
- The near-term outlook for the automotive market is mixed, with a favorable vehicle mix in North America but slower growth in Europe and China due to weaker macroeconomic conditions.
- Specialties demand is expected to improve in the next couple of quarters, with building and construction demand improving with declining interest rates.

Other highlights

- The Midwest premium will likely increase dollar-for-dollar, which could actually be positive for Novelis' recycling business.
- For cross-border trade between Canada and the US, management is confident that Novelis will secure exemptions.
- There may be some short-term cash flow impact during the transition, but Novelis believes exemptions will be granted due to the lack of domestic aluminum supply.
- Capex guidance for FY25 is in the range of USD1.8-2.1b, with about 60-65% allocated to the Bay Minette plant. Overall, ~USD3.4b capex outflow is expected over FY25-26E.
- Net debt is expected to increase this year due to capex commitments. However, the threshold remains at 3.5x for Net Debt/EBITDA.

Exhibit 9: Changes to our estimates

Consolidated	Unit	FY25E			FY26E			FY27E		
		New	Old	% change	New	Old	% change	New	Old	% change
Revenue	INR b	2,332	2,382	-2.1	2,488	2,494	-0.3	2,649	2,721	-2.6
EBITDA	"	307	307	0.0	310	284	9.2	323	316	2.3
Consol PAT	"	155	153	1.1	146	140	4.2	157	164	-4.4
EPS	"	70	69	1.1	66	63	4.2	71	74	-4.4

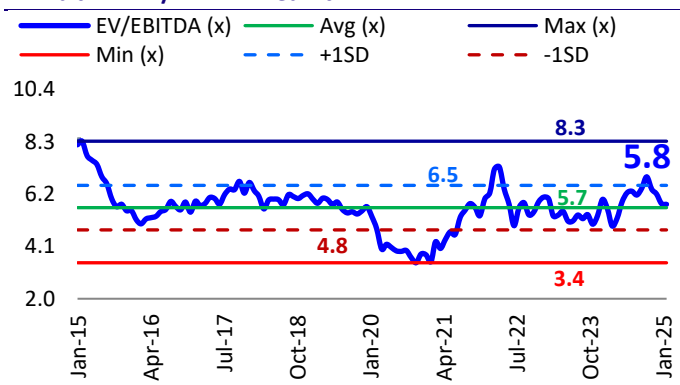
MOFSL estimates

Exhibit 10: TP calculation and valuation

Y/E March	UoM	FY27E
Hindalco - India		
Aluminium		
Volumes	Kt	1,416
EBITDA	INR/t	1,01,857
EBITDA	USD/t	1,173
EBITDA	INR m	1,44,255
Copper		
Volumes	Kt	490
EBITDA	INR/t	69,006
EBITDA	USD/t	795
EBITDA	INR m	33,813
Others	INR m	(36,000)
EBITDA Hindalco - India	INR m	1,42,068
EV/EBITDA (x)	X	5.5
Target EV	INR m	7,81,371
Novelis		
Volumes	Kt	4,169
EBITDA	USD/t	500
USD/INR	X	87
EBITDA	INR m	1,80,791
EV/EBITDA (x)	X	5.5
Target EV	INR m	9,94,349
Target EV - Group	INR m	17,75,721
Net Debt	INR m	2,75,026
Equity Value	INR m	15,00,695
Equity Value	INR/sh	676
Investments (quoted)	INR/sh	63
Discount factor	%	10%
Target Price	INR/sh	730

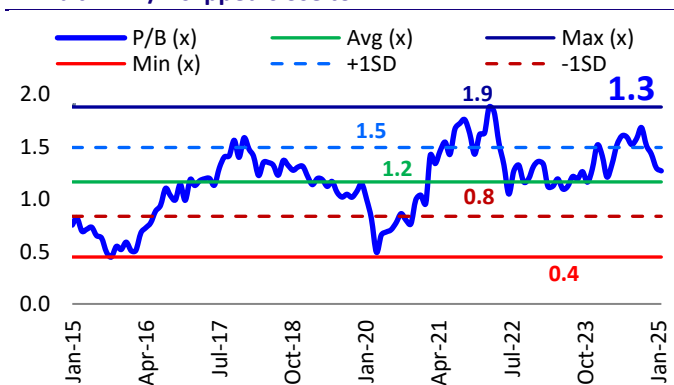
Source: MOFSL

Exhibit 11: EV/EBITDA near it LTA



Source: Company Data

Exhibit 12: P/B slipped close to LTA



Source: Company Data

Financials and valuations

Consolidated Income Statement										(INR b)
Y/E March	2018	2019	2020	2021	2022	2023	2024	2025E	2026E	2027E
Net sales	1,152	1,305	1,181	1,318	1,951	2,232	2,160	2,332	2,488	2,649
Change (%)	15.0	13.3	-9.5	11.6	48.0	14.4	-3.2	8.0	6.7	6.5
Total Expenses	1,014	1,150	1,039	1,144	1,667	2,005	1,921	2,025	2,178	2,326
EBITDA	138	155	142	174	283	227	239	307	310	323
% of Net Sales	12.0	11.9	12.0	13.2	14.5	10.2	11.1	13.2	12.5	12.2
Deprn. & Amortization	45	48	51	65	67	71	75	77	80	82
EBIT	93	107	91	109	216	156	164	231	230	241
Net Interest	39	38	42	37	38	36	39	34	35	33
Other income	10	11	12	12	11	13	15	26	15	17
PBT before EO	64	81	61	83	190	132	140	222	210	225
EO income (exp)	18	0	-2	-4	6	0	0	-9	0	0
PBT after EO	82	81	59	79	196	132	140	214	210	225
Current tax	16	19	15	19	38	29	30	65	64	68
Deferred tax (net)	5	7	6	8	16	3	9	0	0	0
Tax	21	26	22	27	54	31	39	65	64	68
Rate (%)	25.4	32.0	36.4	34.5	27.5	23.8	27.5	30.5	30.5	30.3
PAT (before MI and Sh. of Asso.)	61	55	38	52	142	101	102	148	146	157
Minority interests and disc. Operations	0	0	0	17	5	0	0	0	0	0
Share of asso.	-1	0	0	0	0	0	0	0	0	0
Reported PAT (after MI and Sh. of Asso.)	60	55	38	35	137	101	102	149	146	157
Adjusted PAT	42	55	40	56	136	101	101	155	146	157
Change (%)	120.7	30.6	-28.1	42.3	142.3	-26.2	0.8	52.7	-5.7	7.6

Balance Sheet										(INR b)
Y/E March	2018	2019	2020	2021	2022	2023	2024	2025E	2026E	2027E
Share Capital	2	2	2	2	2	2	2	2	2	2
Reserves	546	573	581	663	780	946	1,059	1,194	1,325	1,466
Net Worth	548	575	583	665	782	948	1,061	1,197	1,327	1,469
Minority Interest	0	0	0	0	0	0	0	0	0	0
Total Loans	520	524	674	660	632	583	545	528	510	493
Deferred Tax Liability	31	37	38	36	44	73	82	82	82	82
Capital Employed	1,100	1,136	1,295	1,361	1,459	1,605	1,688	1,806	1,919	2,043
Gross Block	1,083	1,131	1,200	1,343	1,459	1,567	1,651	1,806	1,965	2,125
Less: Accum. Deprn.	410	458	509	574	630	718	793	870	950	1,032
Net Fixed Assets	673	673	691	770	829	849	857	935	1,014	1,093
Goodwill	178	186	201	233	240	257	261	261	261	261
Capital WIP	21	41	77	102	49	77	149	149	149	149
Investments	69	52	31	77	87	83	122	122	122	122
Working capital Assets	530	567	685	706	1,014	969	919	990	1,052	1,127
Inventory	216	222	224	307	445	430	408	441	470	501
Account Receivables	100	115	93	130	211	162	164	177	189	201
Cash and Bank Balance	120	136	278	182	228	212	177	189	198	217
Others (incl. LT)	94	94	90	88	130	165	169	183	195	208
Working capital liability	370	383	391	527	760	630	619	650	679	708
Account Payables	204	207	183	283	442	418	393	424	453	482
Others (incl. LT)	166	175	208	244	318	212	226	226	226	226
Net Working Capital	160	184	294	180	254	339	300	339	373	419
Appl. of Funds	1,100	1,136	1,295	1,361	1,459	1,605	1,688	1,806	1,919	2,043

Financials and valuations

Ratios

Y/E March	2018	2019	2020	2021	2022	2023	2024	2025E	2026E	2027E
Basic (INR)										
EPS	18.9	24.7	17.8	25.3	61.3	45.3	45.7	69.7	65.8	70.7
Cash EPS	47.6	46.2	39.8	52.5	94.3	77.4	79.6	101.5	101.8	107.6
BV/Share (adj.)	166.1	175.0	171.7	194.3	244.3	311.1	360.7	421.6	480.3	544.0
DPS	1.2	1.2	1.0	3.0	4.0	3.0	0.0	6.0	7.0	7.0
Payout (%)	6.4	4.9	5.6	11.9	6.5	6.6	0.0	8.6	10.6	9.9
Valuation (x)										
P/E	31.6	24.2	33.6	23.6	9.7	13.2	13.1	8.6	9.1	8.4
Cash P/E	12.5	12.9	15.0	11.4	6.3	7.7	7.5	5.9	5.9	5.5
P/BV	3.6	3.4	3.5	3.1	2.4	1.9	1.7	1.4	1.2	1.1
EV/Sales	1.5	1.3	1.5	1.4	0.9	0.8	0.8	0.7	0.7	0.6
EV/EBITDA	12.5	11.1	12.1	10.4	6.1	7.5	7.1	5.4	5.3	5.0
Dividend Yield (%)	0.2	0.2	0.2	0.5	0.7	0.5	0.0	1.0	1.2	1.2
Return Ratios (%)										
EBITDA Margins (%)	12.0	11.9	12.0	13.2	14.5	10.2	11.1	13.2	12.5	12.2
Net Profit Margins (%)	3.7	4.2	3.3	4.3	7.0	4.5	4.7	6.6	5.9	5.9
RoE	12.8	14.5	10.2	13.8	28.0	16.3	13.6	17.8	14.6	13.8
RoCE (pre-tax)	9.3	10.6	8.5	9.1	16.1	11.0	10.8	14.7	13.1	13.0
RoIC (pre-tax)	10.8	11.9	10.3	11.5	21.6	14.6	14.6	17.8	16.4	16.0
Working Capital Ratios										
Fixed Asset Turnover (x)	1.1	1.2	1.0	1.0	1.3	1.4	1.3	1.3	1.3	1.2
Asset Turnover (x)	1.0	1.1	0.9	1.0	1.3	1.4	1.3	1.3	1.3	1.3
Debtor (Days)	32	32	29	36	39	27	28	28	28	28
Inventory (Days)	69	62	69	85	83	70	69	69	69	69
Payable (Days)	65	58	56	78	83	68	66	66	66	66
Leverage Ratio (x)										
Current Ratio	1.4	1.5	1.8	1.3	1.3	1.5	1.5	1.5	1.6	1.6
Interest Cover Ratio	2.4	2.8	2.2	2.9	5.7	4.3	4.2	6.8	6.6	7.4
Debt/Equity	1.1	1.0	1.0	1.1	0.7	0.5	0.5	0.4	0.3	0.2

Cash Flow Statement

(INR b)

Y/E March	2018	2019	2020	2021	2022	2023	2024	2025E	2026E	2027E
EBITDA	138	155	142	174	283	227	239	307	310	323
Others	3	0	-2	-3	15	-3	9	-9	0	0
tax paid	-14	-19	-1	-13	-38	-27	-27	-65	-64	-68
Change in WC	-18	-17	-12	14	-92	-5	19	-28	-25	-26
CF from Op. Activity	109	120	127	172	168	192	241	206	221	229
(Inc)/Dec in FA + CWIP	-30	-60	-68	-56	-54	-98	-157	-155	-159	-160
Free Cash Flow to firm	79	60	60	117	114	94	83	51	62	68
(Pur)/Sale of Inv. & yield	25	7	7	9	-59	20	-4	26	15	17
Others & M&A	56	-3	-23	-210	42	-3	18	0	0	0
CF from Inv. Activity	50	-57	-84	-256	-71	-81	-143	-129	-144	-143
Equity raised/(repaid)	0	-1	0	0	-1	-1	-1	0	0	0
Debt raised/(repaid)	-123	-14	109	-10	-28	-55	-61	-18	-18	-18
Interest	-38	-36	-40	-37	-33	-38	-39	-34	-35	-33
Dividend (incl. tax)	-3	-3	-3	-2	-7	-9	-7	-13	-16	-16
CF from Fin. Activity	-164	-55	67	-49	-68	-103	-108	-65	-68	-66
(Inc)/Dec in Cash	-5	9	110	-133	30	7	-10	12	9	20
Add: Opening Balance	82	80	91	213	83	116	128	118	130	139
Changes in forex on CF	3	2	12	4	3	5	0	0	0	0
Closing cash Balance	80	91	213	83	116	128	118	130	139	159
Bank balance (inc. O/D adj.)	39	45	65	99	112	84	59	59	59	59
Closing Balance (incl. bank balance)	120	136	278	182	228	212	177	189	198	217

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