

Estimate change	↑
TP change	↔
Rating change	↔

CMP: INR455 TP: INR550 (+21%) Buy

Performance exceeds our estimates; outlook positive

- Hindalco (HNDL)'s 1QFY24 consolidated revenue was down 9% YoY to INR530b, 12% above our estimate of INR475b.
- Consolidated EBITDA declined 32% YoY to INR57b, 10% above our estimate of INR52b. The beat was led by better price/mix improvement, better downstream aluminum performance, lower input costs, lower energy costs and other expenses during the quarter.
- HNDL's finance cost rose 16% YoY to INR10b, while depreciation came in at INR18b (up 2% YoY) in 1QFY24.
- APAT was down 40% YoY to INR25b, 22% above our estimate of INR20b. The improvement was backed by higher other income, which was partially offset by higher interest costs and tax outgo.



Bloomberg	HNDL IN
Equity Shares (m)	2247
M.Cap.(INRb)/(USDb)	1022.6 / 12.3
52-Week Range (INR)	504 / 359
1, 6, 12 Rel. Per (%)	7/-5/-4
12M Avg Val (INR M)	3235
Free float (%)	65.4

Financials & Valuations (INR b)

Y/E MARCH	2023	2024E	2025E
Sales	2,232	2,055	2,092
EBITDA	227	232	226
Adj. PAT	101	95	100
EBITDA Margin (%)	10	11	11
Cons. Adj. EPS (INR)	45	43	45
EPS Gr. (%)	-26	-6	6
BV/Sh. (INR)	311	351	393

Ratios

Net D:E	0.5	0.4	0.3
RoE (%)	16.3	12.9	12.1
RoCE (%)	11.0	10.0	9.5
Payout (%)	7.7	8.2	7.8

Valuations

P/E (x)	10.0	10.7	10.1
P/BV (x)	1.5	1.3	1.2
EV/EBITDA(x)	6.1	5.8	5.7
Div. Yield (%)	0.7	0.7	0.7
FCF Yield (%)	9.3	7.4	9.6

Shareholding pattern (%)

As On	Jun-23	Mar-23	Jun-22
Promoter	34.6	34.6	34.6
DII	26.3	26.5	21.5
FII	30.3	30.3	25.1
Others	8.7	8.6	18.8

FII Includes depository receipts

Aluminum upstream business

- Shipments in 1QFY24 stood at 341kt, taking the estimated yearly shipments to 1.35mt for FY24.
- Revenue for the upstream business stood at INR81b; EBITDA declined 41% YoY to INR19b due to lower metal prices and unfavorable macros, which were partially offset by higher shipments.
- EBITDA/t for upstream business stood at USD691 and EBITDA margin was at 24% in 1QFY24, which was one of the best among global peers.

Aluminum downstream business

- Shipments in 1QFY24 stood at 81kt (10% below our estimate of 90kt), taking the estimated yearly shipments for FY24 to over 350kt.
- Revenue for the downstream business was down 11% YoY to INR24b; EBITDA too declined 7% YoY to INR1.5b (but improved 31% QoQ). Lower shipments and metal pricing impacted EBITDA adversely.
- EBITDA/t for downstream business stood at USD220 (up from USD152 in 4QFY23) and is expected to remain over USD200/t going forward.
- Combined EBITDA/t for aluminum vertical stood at USD739 (34% above our estimate of USD534).

Copper business

- Copper metal shipments in 1QFY24 were the highest ever at 118kt, taking the estimated yearly shipments for FY24 to over 430kt.
- Revenue was up 9% YoY at INR115b; however, EBITDA was down 6% YoY to INR5.3b in 1QFY24. The performance was aided by higher shipments, which was partially offset by planned maintenance shutdown.
- EBITDA/t for copper vertical stood at USD547 in 1QFY24 (in line with our estimate of USD534).

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Investors are advised to refer through important disclosures made at the last page of the Research Report.

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

Highlights from the management commentary

- Coal cost declined 2% QoQ and is likely to further reduce by 3% in 2QFY24.
- Chakla mine is progressing as per timelines and the box cut is expected to come on stream by Oct'24.
- About 41% of coal requirement was met via linkage, which is expected to reach 57-60% in 2QFY24 and would remain stable at that level.
- The Silvassa facility (of 34kt) is likely to come on stream in FY24 and the domestic downstream aluminum capacity is expected to reach 600kt in the next two years.
- The hedge remained unchanged at 11% of Indian aluminum business at USD2,755/t during the quarter.
- HNDL expects LME to be in the range of USD2,100–2,300/t for FY24.

Valuation and view

- We believe that HNDL reflects strongly on long-term opportunities and we remain confident on the company's ability considering its leadership position in both beverages can and automotive markets.
- Considering robust domestic demand aided by higher demand from EV & consumer durables, higher spend on infrastructure & construction and higher public & private sector capex, we have raised our FY25E EBITDA/ APAT by 4%/10%.
- We reiterate our **BUY rating** with an SoTP-based TP at INR550.

Consolidated quarterly performance (INR b)

Y/E March	FY23				FY24E				FY23	FY24E	FY24E 1QE	vs Est (%)
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE				
Net Sales	580	562	532	559	530	492	514	519	2,232	2,055	475	11
Change (YoY %)	40.2	17.9	5.7	0.2	-8.7	-12.5	-3.2	-2.0	14.4	-7.9		
Change (QoQ %)	4.0	-3.2	-5.4	5.1	-5.1	-7.2	4.6	0.9		0.0		
Total Expenditure	496	508	496	505	473	437	455	458	2,005	1,823		
EBITDA	84	54	35	53	57	55	59	61	227	232	52	10
Change (YoY %)	37.5	-28.9	-51.9	-27.1	-32.2	2.8	66.8	12.1	-20.0	2.5		
Change (QoQ %)	15.4	-36.4	-33.8	50.1	7.3	-3.5	7.3	-261.4		0.0		
As % of Net Sales	14.5	9.5	6.7	9.5	10.8	11.2	11.5	11.7	10.2	11.3	11	
Interest	9	9	9	10	10	10	10	10	36	40		
Depreciation	17	17	18	19	18	16	17	17	71	68		
Other Income	2	3	4	4	4	0	0	0	13	4		
PBT (before EO item)	60	31	12	28	33	29	32	34	132	128	27	21
Extra-ordinary Income	0	0	0	0	0	0	0	0	0	0		
PBT (after EO item)	61	31	12	28	33	29	32	34	132	128		
Total Tax	20	9	-1	4	9	8	8	9	31	33		
% Tax	32.6	28.9	-12.2	15.1	25.9	26.2	26.1	26.1	23.8	26.1		
Reported PAT	41	22	14	24	25	21	24	25	101	95	20	21
Adjusted PAT	41	22	14	24	25	21	24	25	101	95	20	22
Change (YoY %)	55.0	-36.1	-60.3	-41.5	-39.6	-2.8	75.0	3.1	-26.2	-6.3		
Change (QoQ %)	-0.9	-45.9	-38.3	77.1	2.3	-13.0	11.0	4.4				

Source: MOFSL, Company

Exhibit 1: Quarterly (SA+Utkal; INR b)

Y/E March	FY23				FY24E				FY23	FY24E	FY24E	vs Est
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE				
Aluminium sales vol (kt)	333	341	349	323	341	339	338	335	1,346	1,352	337	1
Copper sales vol (kt)	101	112	109	117	118	102	105	107	439	432	100	18
Net Sales	192	190	194	204	202	175	182	183	781	742	172	17
Change (YoY %)	44.0	9.0	5.1	4.2	5.2	-8.0	-6.5	-10.3	13	-5		
Change (QoQ %)	-2.0	-1.4	2.5	5.2	-1.0	-13.7	4.1	1.0		0.0		
EBITDA	37	23	22	26	25	21	23	23	107	91	20	25
Change (YoY %)	52.4	-34.5	-39.7	-38.9	-33.4	-7.7	4.0	-12.3	-22	-15		
Change (QoQ %)	-12.1	-38.4	-4.9	18.7	-4.1	-14.7	7.1	0.1		0.0		
Interest	4	3	3	3	4	4	4	4	14	15		
Depreciation	6	6	6	6	6	6	6	6	24	23		
Other Income	0	0	0	0	0	0	0	0	0	0		
PBT (before EO item)	28	13	13	16	15	12	13	13	70	53	12	24
EO item	0	0	0	0	0	0	0	0	0	0		
PBT (after EO item)	28	13	13	16	15	12	13	13	70	52	12	23
Total Tax	10	4	1	4	5	3	3	3	20	15		
Reported PAT	18	9	12	12	10	9	10	10	51	38	9	6
Adjusted PAT	18	9	12	12	10	9	10	10	50	38	9	7
Change (YoY %)	69.7	-49.3	-31.1	-43.4	-44.4	-6.6	-19.0	-18.0	-24	-25		
Change (QoQ %)	-15.1	-47.7	29.8	-1.9	-16.5	-12.1	12.5	-0.6				

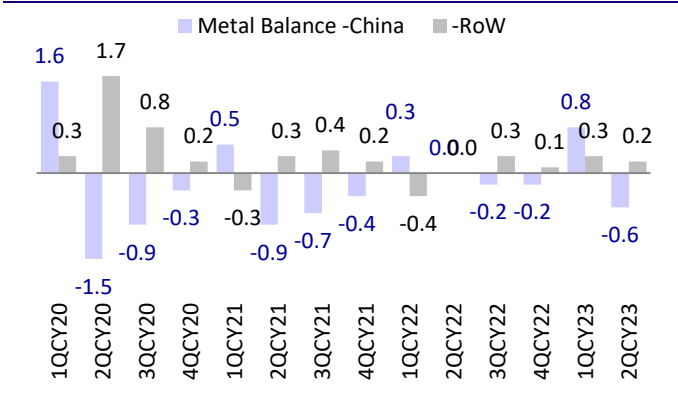
Source: MOFSL, Company

Exhibit 2: Quarterly performance for Novelis (USD m)

Y/E March	FY23				FY24E				FY23	FY24E	FY24E	vs Est
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE				
Sales (000 tons)	962	984	908	936	879	941	941	941	3,790	3,703	921	-5
Change (YoY %)	-1.1	1.7	-2.4	-5.2	-8.6	-4.4	3.7	0.6	-1.8	-2.3		
Change (QoQ %)	-2.5	2.3	-7.7	3.1	-6.1	7.1	0.0	0.0	0.0	0.0		
Net Sales	5,089	4,799	4,201	4,397	4,091	3,905	3,987	4,023	18,486	16,006	3,732	10
Change (YoY %)	32.0	16.5	-2.9	-9.3	-19.6	-18.6	-5.1	-8.5	7.8	-13.4		
Change (QoQ %)	4.9	-5.7	-12.5	4.7	-7.0	-4.5	2.1	0.9	0.0	0.0		
EBITDA (adjusted)	561	502	341	403	421	428	448	467	1,807	1,764	410	3
Change (YoY %)	10.4	-9.2	-32.6	-6.3	-25.0	-14.7	31.3	15.8	-9.5	-2.4		
Change (QoQ %)	30.5	-10.5	-32.1	18.2	4.5	1.7	4.6	4.3	0.0	0.0		
EBITDA per ton (USD)	583	510	376	431	479	455	476	496	477	476	445	8
Interest	58	65	69	70	70	70	75	76	262	290		
Depreciation	138	134	133	135	131	131	131	131	540	524		
PBT (before EO item)	365	303	139	198	220	227	242	260	1,005	949	199	
Extra-ordinary Income	28	(55)	(133)	(41)	(10)	-	-	-	(201)	(10)		
PBT (after EO item)	393	248	6	157	210	227	242	260	804	939	199	
Total Tax	87	65	-6	1	54	57	61	65	147	238		
% Tax	22.1	26.2	-100.0	0.6	25.7	25.2	25.2	25.2	18.3	25.3		
Reported PAT	307	183	12	156	156	170	181	195	658	702	149	
Change (YoY %)	28	-23	-95	-28	-49	-7	1,410	25	-31	7		
Adjusted PAT	279	238	145	197	166	170	181	195	859	712	149	11
Change (YoY %)	32.9	-15.3	-35.8	-13.2	-40.5	-28.7	25.0	-1.2	-9.0	-17.1		
Change (QoQ %)	22.9	-14.7	-39.1	35.9	-15.7	2.3	6.7	7.4		0.0		

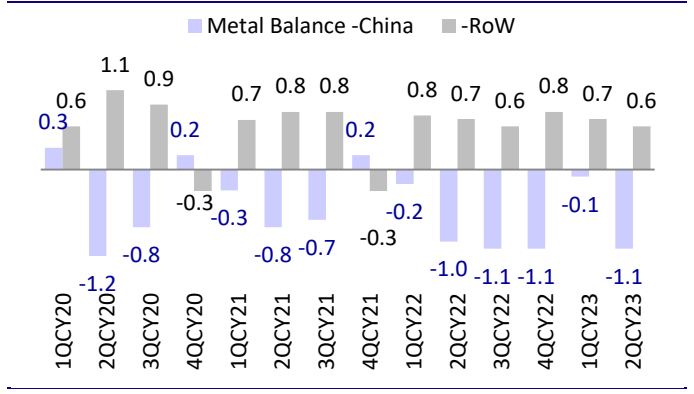
Source: MOFSL, Company

Exhibit 3: Aluminum market balance – Surplus/(deficit) (mt):
China has a deficit of 0.6mt and ex-China the surplus is at 0.2mt



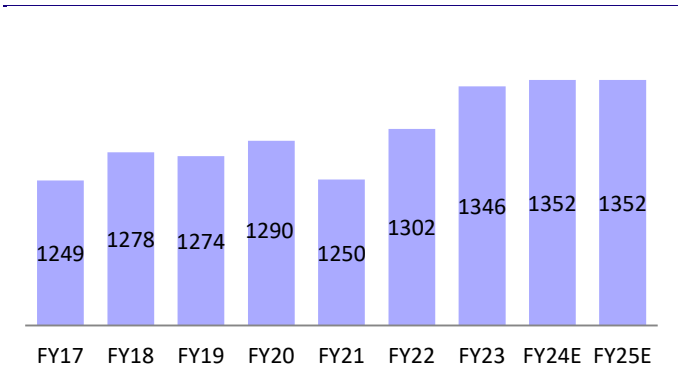
Source: MOFSL, Company

Exhibit 4: Copper market balance – Surplus/(deficit) (mt):
net global deficit at 0.5mt



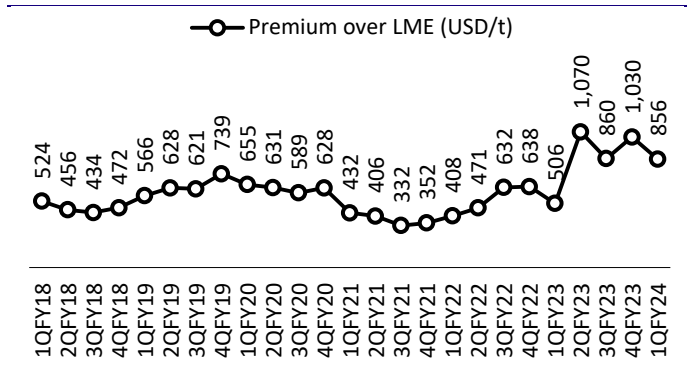
Source: MOFSL, Company

Exhibit 5: Al upstream production (kt) expected to surpass 1.35mt in FY24



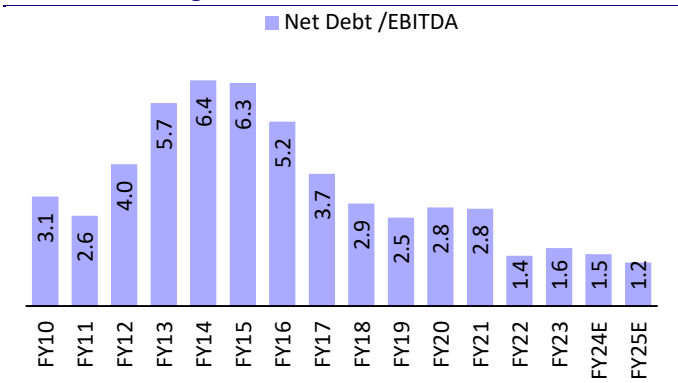
Source: MOFSL, Company

Exhibit 6: Aluminum premium over LME dropped in 1QFY24 (incl. hedged gains/loss) due to global macro impact



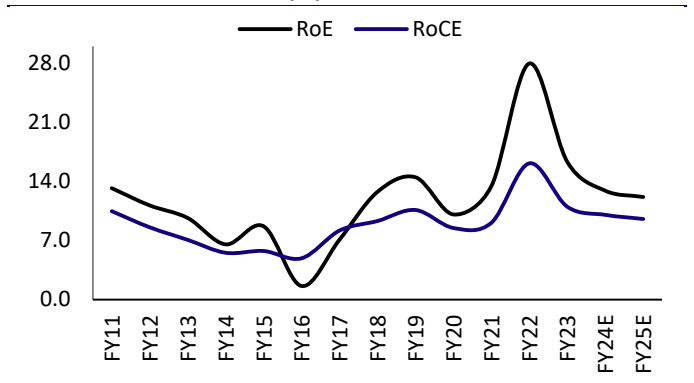
Source: MOFSL, Company

Exhibit 7: Leverage to remain below 1.7x



Source: MOFSL, Company

Exhibit 8: ROE and ROCE (%)



Source: MOFSL, Company



Highlights from the management commentary

Guidance:

- Coal cost declined 2% QoQ and is likely to further reduce by 3% in 2QFY24.
- Hedge position has remained unchanged at 11% at USD2,755/t and the company does not find it feasible to hedge at these levels.
- Management expects LME to remain range bound at USD2,100-2,300/t
- Domestic demand is expected to remain robust aided by higher demand from consumer durables, EVs and higher public and private sector capex.
- Once the captive mines are on stream, coal cost is expected to reduce further.

Capex:

- HNDL's FY24 domestic capex is likely to be ~INR40-45b (INR8b spent in 1QFY24) and Novelis' capex is expected to be ~USD1.6-1.9b (USD333m spent in 1QFY24).
- The Silvassa facility (of 34kt) is likely to come on stream in FY24 and the domestic downstream aluminum capacity is expected to reach 600kt in the next two years
- The extrusion facility at Silvassa is expected to augment the VAP downstream capacity of HNDL. Full benefits to accrue in FY25.

Coal linkages:

- During 1QFY23, ~41% of coal requirement was met via linkage, 53% via e-auction and the remaining via a mix of own mines and imports.
- Going forward linkages are expected to improve to ~57-60% and are expected to remain at similar levels.
- As the Chakla mine comes on stream by FY25, it will reduce the dependency on procurement of coal from external sources.
- Meenakshi mine is still awaiting allotment and has taken more than requisite time due to land acquisition issues under 'The Coal Bearing Areas (Acquisition and Development) Act'.
- However as a backup plan, HNDL has recently been a preferred bidder for Meenakshi West mine at ~33% premium, which has a PRC of 6-7mt.
- Once Meenakshi mine is allotted it would take around two years to fully ramp up the mine.

Global/domestic demand:

- Global aluminum production for 2QCY23 (1QFY24) was up 1% YoY to 17.3mt and consumption rose 2% YoY to 17.7mt mainly led by higher demand from China.
- Domestic aluminum business is expected to remain robust driven by strong demand in EV, construction, infrastructure and consumer durables.
- Domestic demand in 1QFY24 reached 1.14mt (as against 1.0mt in 1QFY23).
- Global copper production during the quarter grew 3% YoY to 6.2mt and consumption improved 6% YoY to 6.7mt, a deficit of 0.5mt. Market demand in India was relatively better at 190kt (up 10% YoY).

Leverage position:

Consolidated net debt stood at INR385b and net debt/EBITDA was at 1.73x

Takeaways from the Novelis conference call

Guidance:

- HNDL posted EBITDA/t of USD479, higher than our estimate in 1QFY24
- It has revised its EBITDA/t guidance upwards next few quarter to USD450-500 from USD425- 450.
- EBITDA/t is expected to touch USD525 by 4QFY24.
- As channel destocking from the beverage can segment is almost completed, management expects the volumes to pick up in coming quarters.

Long-term partnership with Coca-Cola (Coke):

- HNDL has signed long-term partnership with Coke for supply of aluminum cans.
- This is in line with Coke's commitment to be plastic free and the contract is for a tenure of around 10 years

Demand:

- Beverage Can: The channel destocking from the beverage can segment is almost completed and the adverse impact for the same has been factored in 1QFY24. Channel inventory is now at normalized levels and the demand for beverage can has started improving from Jun'23-end. The volumes from beverage can segment is expected to improve going forward and likely to touch historical level in coming quarters. The demand is expected to pick up in North and South America as the FMCG companies have started their campaigns, which will drive the volumes in 2HFY24. HNDL has kept its growth guidance unchanged for the sector and expects it to report a CAGR of 3% over the next few years.
- Automobiles: HNDL made record dispatches to auto sector and the share improved to 24% in 1QFY24 from 18-19% in previous quarters. The share of auto sector is expected to come down to its historical average in coming quarters. HNDL has kept its growth guidance unchanged for the sector and expects it to report a CAGR of 11% over the next few years. Management expects robust demand in auto sector driven by higher demand from EV, increase in per capita vehicle sales, requirement of light weight vehicles to meet emission norms and requirement of high performance vehicles.
- Specialty and Aerospace: Management expects headwinds in specialty segment due to weakness in construction sector across key geographies. However, the demand from Aero segment is likely to grow in coming years due to high demand from OEM's and multi-year backlog in aircraft deliveries.

Bay Minette capex:

- It will be the first Greenfield fully-integrated recycling, rolling-finishing aluminum facility to have been set up in the US in over 40 years, which will cater to beverage can and auto segment with flexibility to supply to specialty segment as well.
- The capex guidance for the facility has been revised from USD2.5b to USD2.7-2.8b.
- The Earthworks is completed and management expects the main building foundation work to be completed on schedule by end of FY24.

- The 600kt facility is expected to commence operations in FY26 and is constructed on a total area of 2.7msq.ft.
- Long-term customer commitment for beverage can segment has already been secured.

Geographies:

- North America: Though shipments from packaging and specialties segments were down, these were partially offset by record automotive shipments. The shipments to automotive segments were driven by improved retail vehicle bookings. However, higher cost inflation and less favorable metal benefits due to lower LME hurt EBITDA. Management expects higher demand from beverage cans as the promotional activity is likely to pick up pace that will drive volumes.
- Europe: Similar to North America, shipments from automotive segment was higher. EBITDA/t improved in Europe despite lower shipment due to higher product pricing and favorable metal benefits.
- Asia: Shipments in Asia were down 5% primarily due to slowdown in China; however, it was partially offset by favorable product mix.
- South America: EBITDA was down 46% primarily due to beverage can destocking impact and less favorable metal benefits

Exhibit 9: Changes to our estimates

		FY24E			FY25E		
		New	Old	% change	New	Old	% change
Volumes							
Aluminium	kt	1,352	1,344	0.7	1,352	1,344	0.7
Copper	kt	432	414	4.3	410	410	0.0
Novelis	kt	3,703	3,745	-1.1	3,794	3,794	0.0
EBITDA/t							
Aluminium (incl Utkal)	USD/t	644	629	2.3	514	470	9.3
Copper	"	548	545	0.5	564	564	0.0
Novelis	"	476	461	3.3	506	496	1.9
Consolidated Results							
Revenue	INR b	2,055	1,996	2.9	2,092	2,086	0.3
EBITDA	"	232	228	1.7	226	218	3.8
- India	"	85	85	0.9	66	61	8.7
- Novelis	"	147	144	2.2	160	157	1.9
Consol PAT	"	95	92	2.6	100	91	10.2

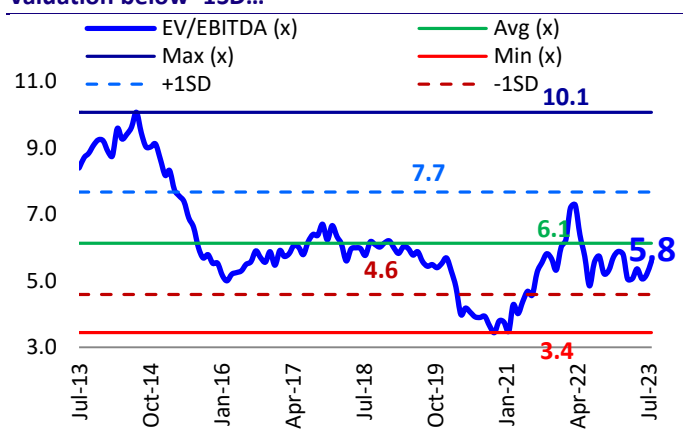
Source: MOFSL

Exhibit 10: Valuation

Y/E March	UoM	FY25E
Hindalco - India		
Aluminum		
Volumes	kt	1,352
EBITDA	INR/t	42,801
EBITDA	USD/t	514
EBITDA	INR m	57,888
Copper		
Volumes	kt	410
EBITDA	INR/t	47,020
EBITDA	USD/t	564
EBITDA	INR m	19,278
Others	INR m	-11,197
EBITDA Hindalco - India	INR m	65,969
EV/EBTIDA (x)	x	6
Target EV	INR m	4,09,006
Novelis		
Volumes	kt	3,794
EBITDA	USD/t	506
USD/INR	x	83
EBITDA	INR m	1,59,880
EV/EBTIDA (x)	x	6
Target EV	INR m	9,99,250
Target EV - Group	INR m	14,08,255
Net Debt	INR m	2,77,302
Equity Value	INR m	11,30,953
Equity Value	INR/sh	509
Investments (quoted)	INR m	91,005
Investments (quoted)	INR/sh	41
Discount factor	%	10%
Target Price	INR/sh	550

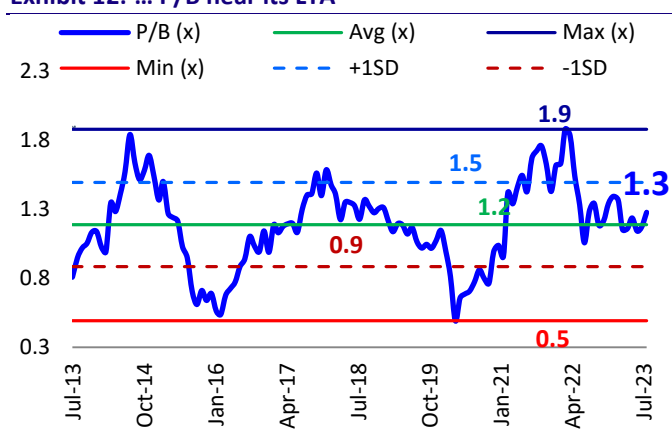
Source: MOFSL

Exhibit 11: Stock remains comfortable on EV/EBITDA valuation below -1SD...



Source: Company Data

Exhibit 12: ... P/B near its LTA



Source: Company Data

Financials and valuations

Consolidated Income Statement								(INR b)	
Y/E March	2017	2018	2019	2020	2021	2022	2023	2024E	2025E
Net sales	1,002	1,152	1,305	1,181	1,318	1,951	2,232	2,055	2,092
Change (%)	1.4	15.0	13.3	-9.5	11.6	48.0	14.4	-7.9	1.8
Total Expenses	877	1,014	1,150	1,039	1,144	1,667	2,005	1,823	1,866
EBITDA	124	138	155	142	174	283	227	232	226
% of Net Sales	12.4	12.0	11.9	12.0	13.2	14.5	10.2	11.3	10.8
Deprn. & Amortization	45	45	48	51	65	67	71	68	55
EBIT	80	93	107	91	109	216	156	164	171
Net Interest	57	39	38	42	37	38	36	40	31
Other income	11	10	11	12	12	11	13	4	2
PBT before EO	33	64	81	61	83	190	132	128	143
EO income (exp)	0	18	0	-2	-4	6	0	0	0
PBT after EO	33	82	81	59	79	196	132	128	143
Current tax	13	16	19	15	19	38	29	30	43
Deferred tax (net)	1	5	7	6	8	16	3	4	0
Tax	14	21	26	22	27	54	31	33	43
Rate (%)	42.9	25.4	32.0	36.4	34.5	27.5	23.8	26.1	29.8
Reported PAT	19	61	55	38	52	142	101	95	100
Minority interests	0	0	0	0	0	0	0	0	0
Share of asso.	0	-1	0	0	0	0	0	0	0
Adjusted PAT	19	42	55	39	55	136	101	95	100
Change (%)	-22.9	120.7	30.6	-29.2	40.7	149.0	-26.2	-5.8	5.9

Balance Sheet								(INR b)	
Y/E March	2017	2018	2019	2020	2021	2022	2023	2024E	2025E
Share Capital	2	2	2	2	2	2	2	2	2
Reserves	458	546	573	581	663	780	946	1,034	1,127
Net Worth	461	549	575	583	665	782	948	1,036	1,130
Minority Interest	0	0	0	0	0	0	0	0	0
Total Loans	638	520	524	674	660	632	583	633	683
Deferred Tax Liability	20	31	37	38	36	44	73	77	77
Capital Employed	1,118	1,100	1,136	1,295	1,361	1,459	1,605	1,746	1,890
Gross Block	1,041	1,083	1,131	1,200	1,343	1,470	1,561	1,631	1,673
Less: Accum. Deprn.	365	410	458	509	574	641	712	780	835
Net Fixed Assets	676	673	673	691	770	829	849	852	839
Goodwill	171	178	186	201	233	240	257	257	257
Capital WIP	18	21	41	77	102	49	77	148	189
Investments	62	69	52	31	77	87	83	83	83
Working capital Assets	530	530	567	686	706	1,014	969	1,004	1,126
Inventory	183	216	222	224	307	445	430	395	403
Account Receivables	83	100	115	93	130	211	162	149	152
Cash and Bank Balance	172	120	136	278	182	228	212	294	406
Others (incl. LT)	92	94	94	90	88	130	165	165	165
Working capital liability	338	370	383	391	527	760	630	597	604
Account Payables	179	204	207	183	283	442	418	385	392
Others (incl. LT)	160	166	175	208	244	318	212	212	212
Net Working Capital	191	160	185	295	180	254	339	407	522
Appl. of Funds	1,118	1,100	1,136	1,295	1,361	1,459	1,605	1,746	1,890

Financials and valuations

Cash Flow Statement

(INR b)

Y/E March	2017	2018	2019	2020	2021	2022	2023	2024E	2025E
EBITDA	124	138	155	142	174	283	227	232	226
XO Exp. (income)	4	3	0	-3	-3	15	-3	0	0
tax paid	-8	-14	-19	-1	-13	-38	-27	-30	-43
Change in WC	7	-18	-17	-12	14	-92	-5	14	-3
CF from Op. Activity	127	109	120	127	172	168	192	216	180
(Inc)/Dec in FA + CWIP	-29	-30	-60	-68	-56	-54	-98	-142	-83
Free Cash Flow to firm	97	79	60	59	117	114	94	74	97
(Pur)/Sale of Inv. & yield	6	25	7	7	9	-59	20	4	2
Others & M&A	4	8	5	10	-173	59	-26	0	0
CF from Inv. Activity	-20	3	-48	-51	-220	-55	-105	-138	-81
Equity raised/(repaid)	33	0	-1	0	0	-1	-1	0	0
Debt raised/(repaid)	-25	-123	-14	109	-10	-28	-55	50	50
Interest	-61	-38	-36	-40	-37	-33	-38	-40	-31
Dividend (incl. tax)	-2	-3	-3	-3	-2	-7	-9	-7	-7
CF from Fin. Activity	-56	-164	-55	66	-49	-68	-103	3	13
(Inc)/Dec in Cash	51	-53	17	142	-96	46	-16	82	112
Add: Opening Balance	121	172	120	136	278	182	228	212	294
Closing Balance	172	120	136	278	182	228	212	294	406

Ratios

Y/E March	2017	2018	2019	2020	2021	2022	2023	2024E	2025E
Basic (INR)									
EPS	8.6	18.9	24.7	17.5	24.6	61.3	45.3	42.7	45.2
Cash EPS	28.6	47.6	46.2	39.8	52.5	94.3	77.4	73.3	69.8
BV/Share (adj.)	129.9	166.1	175.0	171.8	194.3	244.3	311.1	350.7	392.9
DPS	1.1	1.4	1.2	1.2	3.5	4.0	3.0	3.0	3.0
Payout (%)	15.0	8.7	5.7	8.0	16.7	7.6	7.7	8.2	7.8
Valuation (x)									
P/E	53.1	24.1	18.4	26.0	18.5	7.4	10.0	10.7	10.1
Cash P/E	15.9	9.6	9.9	11.4	8.7	4.8	5.9	6.2	6.5
P/BV	3.5	2.7	2.6	2.6	2.3	1.9	1.5	1.3	1.2
EV/Sales	1.5	1.2	1.1	1.2	1.1	0.7	0.6	0.7	0.6
EV/EBITDA	11.9	10.2	9.0	9.9	8.6	5.0	6.1	5.8	5.7
Dividend Yield (%)	0.2	0.3	0.3	0.3	0.8	0.9	0.7	0.7	0.7
Return Ratios (%)									
EBITDA Margins (%)	12.4	12.0	11.9	12.0	13.2	14.5	10.2	11.3	10.8
Net Profit Margins (%)	1.9	3.7	4.2	3.3	4.1	7.0	4.5	4.6	4.8
RoE	7.1	12.8	14.5	10.1	13.4	28.0	16.3	12.9	12.1
RoCE (pre-tax)	8.2	9.3	10.6	8.5	9.1	16.1	11.0	10.0	9.5
RoIC (pre-tax)	9.3	10.8	11.9	10.3	11.5	21.6	14.6	13.4	14.1
Working Capital Ratios									
Fixed Asset Turnover (x)	1.0	1.1	1.2	1.0	1.0	1.3	1.4	1.3	1.3
Asset Turnover (x)	0.9	1.0	1.1	0.9	1.0	1.3	1.4	1.2	1.1
Debtor (Days)	30	32	32	29	36	39	27	27	27
Inventory (Days)	67	69	62	69	85	83	70	70	70
Payable (Days)	65	65	58	56	78	83	68	68	68
Leverage Ratio (x)									
Current Ratio	1.6	1.4	1.5	1.8	1.3	1.3	1.5	1.7	1.9
Interest Cover Ratio	1.4	2.4	2.8	2.2	2.9	5.7	4.3	4.1	5.6
Debt/Equity	1.6	1.1	1.0	1.0	1.1	0.7	0.5	0.4	0.3

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