Macquarie **Equities Research**



The Global Metals & Mining Specialist

INDIA

GNC IN	Out	tperform
Price 22 Apr 11		Rs56.45
12-month target	Rs	95.00
Upside/Downside	%	68.3
Valuation - Sum of Parts	Rs	95.00
GICS sector		Materials
Market cap	Rsm	28,643
30-day avg turnover	US\$m	4.0
Market cap	US\$m	645
Number shares on iss	sue m	507.4

Investment fundamentals

Year end 31 Mar		2010A	2011E	2012E	2013E
Revenue	m	14,399	19,992	27,648	27,893
EBITDA	m	2,346	7,109	11,384	11,862
EBITDA growth	%	-39.4	203.0	60.1	4.2
Adjusted profit	m	169	2,629	4,893	4,673
EPS adj	Rs	0.34	4.78	8.90	8.50
EPS adj growth	%	-93.9	1,311.1	86.1	-4.5
PER rep	х	415.4	8.8	4.5	4.7
Total DPS	Rs	1.28	0.93	1.20	0.68
Total div yield	%	2.3	1.6	2.1	1.2
ROA	%	2.4	8.7	13.7	13.3
ROE	%	1.2	18.6	27.4	21.5
EV/EBITDA	х	22.3	7.8	4.8	4.6
Net debt/equity	%	103.6	102.2	59.6	53.8
P/BV	х	2.2	2.0	1.6	1.3

GNC IN rel BSE Sensex performance, & rec history



Note: Recommendation timeline - if not a continuous line, then there was no Macquarie coverage at the time or there was no Source: FactSet, Macquarie Research, April 2011 (all figures in INR unless noted)

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25 April 2011 Macquarie Capital Securities India (Pvt) Ltd

Gujarat NRE Coke Third quarter in a row!

Event

4QFY11 beats our estimates: GNC reported standalone Q4 results on Sunday which were 31% ahead of our estimates. It remains on track to reach our full year consolidated estimates and with improving outlook is well poised to show a sharp increase in profitability. Maintain Outperform.

Impact

- Q3 standalone results recovery continues: Net sales at Rs4.6bn were up 5%QoQ driven by a 12% increase in coke realisation. EBITDA at Rs652mn is up 24% QoQ as costs were helped by consumption of coking coal inventory. Net profit at Rs508mn is one of the highest reported since 3QFY09 and up 148% QoQ.
- Reducing inventory: GNC has successfully reduced coking coal inventory by 285kt during the guarter and we expect that this will be further reduced in the next quarter to a more normal level of 300k. Coke inventory has not been reduced much (~21kt) but is expected to reduce by 50-60k tin 1Q. The profits will be seen in consolidated results as the Australian subsidiary has directly sold its production to Chinese customers.
- All eyes on Australian subsidiary now: GNC's Australian subsidiary GNM (GNM AU, A\$0.56, OP, TP: A\$1.1, Sophie Spartalis) had reported mid year earnings of A\$25.3mn and we expect that continued strength in coking coal prices will help this business deliver strong earnings. Its mine development remains on track and is the key catalyst for earnings.
- Bullish fundamentals for coking coal: We remain extremely bullish on coking coal fundamentals and expect prices of US\$251/t for coking coal and US\$464/t for coke for FY12. We estimate that every US\$10/t increase in coke and coking coal prices would increase earnings by 4-5%.

Earnings and target price revision

No Change.

Price catalyst

- 12-month price target: Rs95.00 based on a Sum of Parts methodology.
- Catalyst: Strengthening coking coal prices

Action and recommendation

- Maintain Outperform: GNC has underperformed the market in the past few months on concerns about profitability. We believe that given the lack of consolidated financial results, investors have been caught looking at just standalone profits which are becoming a smaller and smaller proportion of profits.
- The company is currently trading at 5x PER on FY2012E as compared to global coking coal companies at 10x. We believe that the current valuation is a good opportunity to take entry before results of the mining subsidiary.

Please refer to the important disclosures and analyst certification on inside back cover of this document, or on our website www.macquarie.com.au/disclosures.

Increasing profitability

Profitability (Rsm)	4QFY11	4QFY10	YoY	3QFY11	QoQ
Net sales	4,594	3,959	16%	4,388	5%
EBITDA	652	232	181%	527	24%
EBITDA margin	14.2%	5.9%	142%	12.0%	18%
Depreciation	133	119	11%	129	3%
Interest	391	437	-11%	404	-3%
Other income	436	379	15%	223	96%
PBT	564	55		216	161%
Extraordinary income (loss)	-	-		-	
Tax	56	12	371%	11	415%
PAT	508	43	1068%	205	148%
EPS - fully diluted (Rs)	0.92	0.09	947%	0.37	148%
Source: Company Data, Macquarie	Research, April 201	1			

Fig 1 4Q FY11 – showing growth YoY and sequentially

Fig 2 Lower sales volume offset by higher prices

		-			
	4QFY11	4QFY10	YoY	3QFY11	QoQ
Coke production (tonnes)	185,000	177,000	5%	162,000	14%
Coke sales (tonnes)	182,000	197,000	-8%	204,000	-11%
Coke realization (US\$/ tonne)	442	335	32%	395	12%
Source: Company Data, Macquarie	Research, April 201	1			

Fig 3 Ahead of our estimates

	4QFY11	4QFY11E	% diff
Net sales	4,594	5,651	-19%
EBITDA	652	879	-26%
EBITDA margin	14.2%	15.6%	-9%
Depreciation	133	120	11%
Interest	391	360	8%
Other income	436	180	142%
PBT	564	579	-3%
Тах	56	191	-71%
PAT	508	388	31%
EPS - fully diluted (Rs)	0.92	0.71	31%
Source: Company Data, Macquarie Research, A	pril 2011		

Reducing coking coal inventory through internal consumption

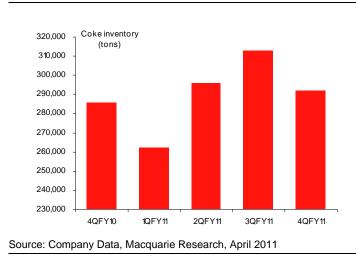
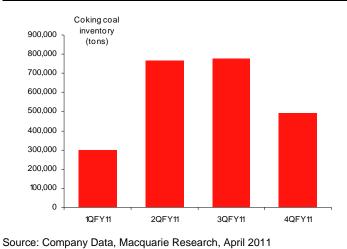


Fig 4 Quarterly coke inventory – slight decline

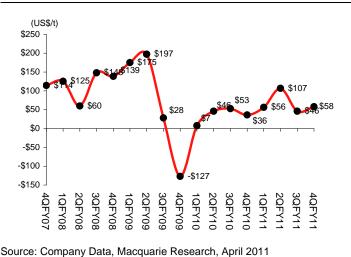
Fig 5 Quarterly coking coal inventory- the reduction will show up in consolidated profits



(US\$/t) 700 609 600 500 429 400 376 340 300 335 259 243 200 90 100 4QFY07 3QFY08 3QFY09 4QFY08 2QFY09 4QFY09 2QFY1 3QFY1 4QFY1 1QFY09 4QFY10 1QFY11 2QFY08 1QFY10 2QFY10 3QFY10 QFY08 Source: Company Data, Macquarie Research, April 2011

Fig 6 Took advantage of high prices in the spot market...

Fig 7 Margins remained strong for coke



All eyes on Australian subsidiary now

Fig 8 Production mt

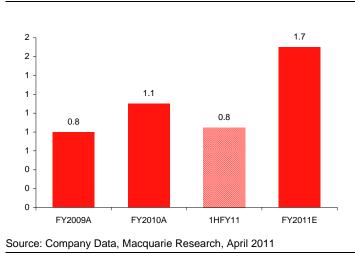


Fig 10 CostA\$/t

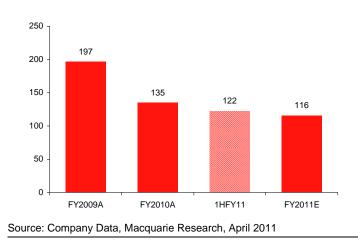


Fig 9 Realisation A\$/t

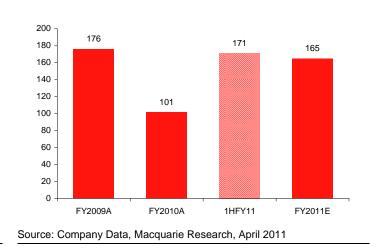
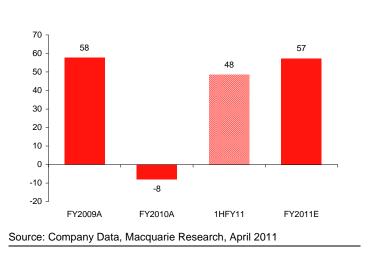


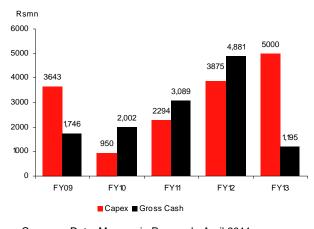
Fig 11 EBITDA A\$/t



25 April 2011

Fig 12

With recent dilution GNM fully funded for capex and on track for growth



Capex and cash levels for Indian operations

Source: Company Data, Macquarie Research, April 2011

Fig 14 Coke making capacity expanding in India

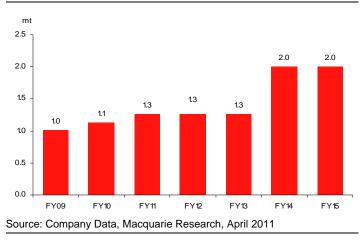
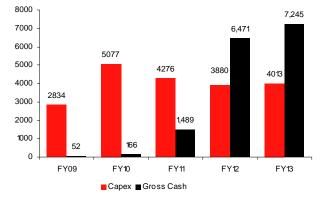


Fig 13 Australian operations have cash to fund growth projects Rsmn 8000 7,245



Source: Company Data, Macquarie Research, April 2011

Fig 15 and coking coal to see and increase in Australia

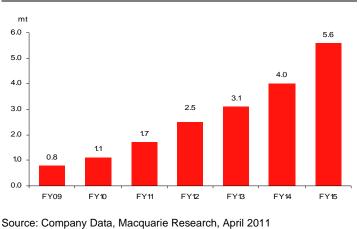


Fig 16 Our assumptions

		FY09A	FY10A	FY11E	FY12E	FY13E
Indian Operations	· · · · · · · · · · · · · · · · · · ·	•				
Coke capacity	tonnes	1.01	1.13	1.26	1.26	1.26
Coke production volume	tonnes	0.77	0.70	0.70	0.94	1.04
Coke sales volume	tonnes	0.70	0.75	0.75	0.94	1.04
Coke realization	US\$/ tonne	329	274	394	436	393
Raw coal consumption	tonnes	1.01	1.11	1.11	1.42	1.55
EBITDA	Rsmn	3,431	1,724	2,799	3,227	3,281
уоу		30%	-50%	62%	15%	2%
Australian Operations						
ROM coking coal production	m tonnes	0.80	1.10	1.70	2.50	3.10
Coking coal production	m tonnes	0.56	0.77	1.19	1.75	2.17
ROM coking coal realization	US\$/ tonne	176	101	165	188	170
Mine Operating cost	AUD/t	197	135	116	120	111
PAT	A\$mn	-9	-12	63	148	168
уоу	%			nmf	136%	13%
Margins on coke and coal						
EBITDA margin on coke ops	%	15%	13%	14%	17%	17%
EBITDA margin on coal ops	%	23%	-6%	33%	40%	42%
Source: Company Data, Macqua	rie Research, April 2011					

Fig 17	Global valuation -	a significant	discount to peers
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					Target		Р	PER - Reported EPS				EV/EBITDA			
	Ticker	Reco	Currency	Price	price	Upside	2009	2010	2011	2012	2009	2010	2011	2012	
Indonesia															
Bumi Resources	BUMI	OP	USD	0.388	0.440	13%	39.6	31.6	9.8	9.2	14.6	7.9	3.6	3.1	
Bayan Resources	BYAN	UP	IDR	17,250	14,000	-19%	269.1	100.4	19.9	14.8	83.2	40.1	11.8	8.7	
Indika Energy	INDY	OP	IDR	3,975	5,800	46%	28.5	18.8	8.2	6.8	66.3	59.9	49.4	25.5	
Indo	ITMG	OP	USD	5.54	8.11	46%	18.6	24.9	8.7	7.1	11.9	12.9	5.1	3.9	
Bukit Asam	PTBA	OP	IDR	22,200	28,000	26%	18.6	25.4	12.7	11.1	12.9	18.6	8.6	7.3	
Adaro Energy	ADRO	OP	IDR	2,225	3,250	46%	15.4	24.1	10.3	8.2	6.8	9.4	4.5	3.3	
Average							64.9	37.5	11.6	9.5	32.6	24.8	13.8	8.7	
China															
China Shenhua	1088	OP	CNY	31	34	10%	19.4	16.1	13.3	12.1	10.7	8.7	7.0	6.1	
Yanzhou Coal	1171	Neutral	CNY	25	26	4%	29.5	16.4	12.1	12.2	18.4	10.1	7.8	7.5	
Hidili Industry	1393	OP	CNY	6	7	10%	33.1	19.2	12.9	10.3	25.7	17.9	9.7	7.6	
China Coal	1898	Neutral	CNY	9	10	10%	15.5	15.4	11.7	9.4	7.6	6.7	6.7	5.6	
Fushan	639	Neutral	HKD	6	6	-6%	25.2	15.5	16.4	13.9	12.3	8.4	8.0	6.6	
Average							24.6	16.5	13.3	11.6	14.9	10.4	7.8	6.7	
India							FY10	FY11	FY12		FY10	FY11	FY12		
Gujarat NRE Coke	GNC	OP	INR	56	95	68%	166.6	8.8	4.5		19.6	7.8	4.8		
Coal India	COAL	Neutral	INR	362	370	2%	23.6	22.1	16.8		18.8	16.7	11.7		
Australian															
GNM	GNM	Neutral	AUD	1	1	27%	nmf	12.6	4.8		nmf	8.8	3.7		
Gloucester Coal	GCL	Neutral	AUD	10.8	10.8	0%	30.7	25.4	10.2		19.2	16.2	6.4	13.4	
Macarthur Coal	MCC	UP	AUD	12.2	12.0	-1%	23.7	23.0	16.9		13.0	13.5	10.0	5.5	
Average							27.2	20.3	10.6		16.1	12.8	6.7	9.5	
United States															
Arch Coal	ACI	OP	USD	35	39	13%	124.0	33.5	14.4	9.2	17.4	10.0	6.9	5.0	
Peabody Energy	BTU	OP	USD	66	75	14%	39.4	22.1	14.1	11.8	15.1	10.6	7.6	6.2	
CONSOL Energy	CNX	Neutral	USD	51	53	3%	17.4	23.2	18.3	10.7	8.1	12.4	8.9	6.5	
Massey Energy	MEE	Neutral	USD	67	60	-10%	67.4	nmf	19.1	12.1	14.6	24.3	8.0	5.9	
Patriot Coal	PCX	Neutral	USD	26	28	7%	nmf	nmf	40.2	10.2	22.9	19.3	7.6	4.7	
Average							62.0	26.3	21.2	10.8	15.6	15.3	7.8	5.7	
Coking coal avg							63.5	17.8	9.9		19.4	12.8	6.9		
	- D		044				00.0	11.5	0.0		10.4	12.0	0.0		
Source: Macquarie	e Resear	cn, April 2	uii1; priced	as at 21 /	4pril 2011	I									

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Revenue m 5.980 5.930 5.930 Second m 14.330 19.992 27.642 72.930 Cost of Goods Sold m 3.885 3.895 3.283 3.835	Gujarat NRE Coke (Quarterly Results	GNC IN,	, Outperfe 3Q/11A	orm, larg 40/11E	1Q/12E	2Q/12E	Profit & Loss		2040 4	20145	20405	20425
Gross Profit m 0 0 0 cross Profit m 0 0 0 0 0 Carrol Gaussian m 263 247 223 233 234 234 1	Quarterly Results		3Q/11A	4Q/11E	1Q/12E	2Q/12E	Profit & Loss		2010A	2011E	2012E	2013E
Carel d Coots Sold m 12,000 11,000 11,000 12	Revenue	m	5,998	5,998	5,530	5,530	Revenue	m	14,399	19,992	27,648	27,893
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EbiT Margin % 24.6 33.2 33.2 Total Div Yield % 2.3 1.6 2.1 1.2 1.6 2.1 1.2 1.6 2.1 1.2 1.5 550 550 Revenue Growth % 411.7 411.7 86.8 86.8 86.8 9 </td <td>EBITDA Margin</td> <td>%</td> <td>35.6</td> <td>35.6</td> <td>41.2</td> <td>41.2</td> <td>Total DPS</td> <td></td> <td>1.28</td> <td>0.93</td> <td>1.20</td> <td>0.68</td>	EBITDA Margin	%	35.6	35.6	41.2	41.2	Total DPS		1.28	0.93	1.20	0.68
Earnings Šplit % 50. 30.0 20.0 20.0 Weighted Average Shares m 498 550 550 550 550 550 550 550 550 550 55								%				1.2
EBIT Growth % 411.7 411.7 86.8 86.8 Profit and Loss Ratios 2010A 2011E 2012E 2013E Cashflow Analysis 2010A 2011E 2012E 2013E Revenue Growth % -37.1 38.8 38.3 0.9 EBITOA Growth % -37.1 38.8 38.3 0.9 Cashflow Analysis m 1,126 7,109 11,384 11,862 -22.94 Cashflow Analysis m -1,217 -2.536 -2.245 -2.24						20.0						550
Profit and Loss Ratios 2010A 2011E 2012E 2013E Cashflow Analysis 2010A 2011E 2012E 2013E Revenue Growth % -37.1 38.8 38.3 0.9 EBITDA Growth % -7.1 48.8 38.3 0.9 Tax Paid m -4.13 -7.22 -1.456 -2.260 -5.621 1.667 38 Gross Profit Margin % 16.3 35.6 41.2 42.5 Other m -1.155 -2.276 -5.621 1.9.7 2.33 -2.434 1.2.57 1.8.01 -2.538 -2.434 -2.257 1.6.01 -2.257 1.8.01 -2.257 1.8.01 -2.257 1.8.01 -2.257 1.8.01 -2.257 1.8.01 -2.257 1.8.01 -2.257 1.8.01 -2.257 1.8.01 -2.257 1.8.01 -2.257 1.8.01 -2.257 1.8.01 -2.257 1.8.01 -2.257 1.8.01 -2.257 1.8.01 -2.258 6.626 -5.57 5.56 -5.65 -5.66		%	66.6		38.3		Period End Shares	m	498	550	550	550
Revenue Growth % -37.1 38.8 38.3 0.9 EBITDA m 1.126 7.109 11,384 11,862 EBIT Growth % -65.5 326.4 86.8 35.5 Tax Paid m -4.13 -7.22 -1.496 -2.294 Gross Profit Margin % 0.0 0.0 0.0 0.0 Net Interest Paid m -1.559 -2.178 -2.538 -2.217 -2.353 2.243 2.200 -2.218 -2.200 -2.216 -2.375 2.216 -2.375 E2.01 -2.218 -2.200 -2.218 -2.200 -2.218 -2.200 -2.218 -2.200 -2.218 -2.201 -2.218 -2.201 -2.218 -2.201 -2.218 -2.201 -2.218 -2.201 -2.218 -2.201 -2.218 -2.201 -2.218 -2.201 -2.218 -2.201 -2.218 -2.201 -2.218 -2.201 -2.218 -2.201 -2.218 -2.201 -2.218 -2.218 -2.218 -2.218	EBIT Growth	%	411.7	411.7	86.8	86.8						
EBITD Acrowth % -93.4 203.0 60.1 4.2 Tax Paid m -'413 -'722 -'166 '228 -'168 '228 -'168 '228 -'168 '228 -'168 '228 -'168 '228 '238 '24.3 '238 '24.6 '338 '24.6 '332 '24.6 '332 '24.6 '332 '24.6 '332 '24.6 '238 '24.6 '238 '24.6	Profit and Loss Ratios		2010A	2011E	2012E	2013E	Cashflow Analysis		2010A	2011E	2012E	2013E
EBITD Acrowth % -93.4 203.0 60.1 4.2 Tax Paid m 413 722 -1.466 239 BOIT Growth % -0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Net Inderse Plaid m 2620 6.829 9.83 2.75 2.358 2.438 2.375 .	Revenue Growth	%	-37.1	38.8	38.3	0.9	EBITDA	m	1,126	7,109	11,384	11,862
Gross Profit Margin % 0.0 0.0 0.0 0.0 Net Interest Paid m -1.559 -2.200 -2.178 -2.538 -2.600 -2.618 -2.638 -2.648 -2.638 -2.648 -2.638 -2.648 -2.638 -2.648 -2.648 -2.658 -536 -536 -517 -2.608 -2.608 -2.678 -536 -536 -536 -518 -2.659 -537 -2.608 -2.668 -531 -2.659 -538 -2.698 <td>EBITDA Growth</td> <td>%</td> <td>-39.4</td> <td>203.0</td> <td>60.1</td> <td>4.2</td> <td>Tax Paid</td> <td>m</td> <td>-413</td> <td>-722</td> <td>-1,496</td> <td>-2,294</td>	EBITDA Growth	%	-39.4	203.0	60.1	4.2	Tax Paid	m	-413	-722	-1,496	-2,294
EBITDA Margin % 16.3 35.6 41.2 42.5 EBIT Margin % 0.5 17.7 24.8 23.6 Payout Ratio % 379.2 19.4 13.4 8.0 EV/EBIT x 45.4 11.2 6.0 5.8 Balance Sheet Ratios ROA % 2.2 8.7 8 4.8 4.6 EV/EBIT x 45.4 11.2 6.0 5.8 Balance Sheet Ratios ROA % 2.4 8.7 13.7 13.3 ROC % 0.5 11.6 15.8 14.7 ROA % 0.5 11.6 15.8 14.7 ROA % 0.5 11.6 15.8 14.7 ROA % 2.2 2.0 16 1.3 Book Value per Share 25.2 28.7 36.3 42.7 Hore Board 25.2 28.7 36.3 42.7 Balance Sheet Ratios m 4.292 5.9 1.0 10.9 6 7.944 ROA % 2.2 8.7 13.7 13.3 Book Value per Share 25.2 28.7 36.3 42.7 Board Sheet Ratios % 0.5 11.6 15.8 14.7 ROA % 2.2 8.7 36.3 42.7 Board Sheet Ratios % 0.5 11.6 15.8 14.7 ROA % 2.2 8.7 36.3 42.7 Board Sheet Ratios % 0.5 11.6 15.8 14.7 ROA % 2.2 8.7 36.3 42.7 Board Sheet Ratios % 0.5 11.6 15.8 14.7 ROA % 2.2 2.0 1.6 1.3 Book Value per Share 25.2 28.7 36.3 42.7 Board Sheet Ratios % 0.5 11.6 15.8 14.7 ROA % 2.2 2.0 1.6 1.3 Book Value per Share 25.2 28.7 36.3 42.7 Free Cashflow m 1.22,34 -5,522 6.715 -2.203 ROA % 2.2 8.7 36.3 42.7 Free Cashflow m 1.629 4.010 10.966 7.944 Receivables m 4.495 3.700 3.338 4.077 Investinges m 8.946 14.426 12.647 12.533 Cash m 1.629 4.010 10.966 7.944 Receivables m 4.495 3.700 3.338 4.077 Investinges m 8.946 14.426 12.647 12.533 Cash m 10.195 11.875 9.547 10.254 Payables m 0 0 0 0 0 Other Fixed Assets m 10.195 11.875 9.547 10.254 Payables m 0.0 0 0 Other Jack Seets m 10.195 11.875 9.547 10.254 Payables m 0.0 0 0 Cher Rice 3.304 11.89 Short Term Debt m 19.571 22.123 28.875 28.282 Short Term Debt m 19.571 22.123 28.875 28.282 Short Term Debt m 19.571 28.123 28.875 28.282 Short Term Debt m 19.571 28.123 28.875 28.282 Short Term Debt m 19.571 28.123 28.875 28.282 Short Term Debt m 19.574 15.54 19.971 23.472 Short Term Debt m 19.574 27.254 3.3218 3.328 3.328 Other Labilities m 2.518 3.3218 3.328 3.328 Other Labilities m 2.518 3.3218 3.328 3.328 S	EBIT Growth		-65.5	326.4	86.8	3.5	Chgs in Working Cap	m	-2,260	-6,829	1,967	38
EBIT Margin % 8.0 24.6 33.2 34.0 Constraint Cashflow m -4.301 -4.819 7.101 4.797 Net Portif Margin % 0.5 17.7 24.8 23.6 Acquisitions m -1.711 3.257 1.801 -2.328 Payout Ratio % 379.2 19.4 13.4 8.0 Acquisitions m -1.711 -3.257 1.801 -2.328 EV/EBITD x 22.3 7.8 4.8 4.6 -6.0 5.8 m -0 0<												-2,434
Net Profit Margin % 0.5 17.7 24.8 23.6 Accent Margin Margi Margin Margin Margin Margin Margin Margi Margin Margi												
Payout Ratio % 379.2 19.4 13.4 8.0 (EV/EBITDA x 22.3 7.8 4.8 4.6 (A Saet Sales m 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0												
Ev/EBITOA x 45.4 11.2 6.0 5.8 Asset Sales m 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0												
EV/EBIT x 45.4 11.2 6.0 5.8 Other m m 0 1,527 1,722 1,829 Balance Sheet Ratios ROE % 1.2 18.6 27.4 21.5 1.6 5.6 -662 -596 -531 ROA % 2.4 8.7 13.7 13.3 Debt Movements m 4.824 8,553 751 -2,590 53.8 ROIC % 0.5 11.6 15.8 14.7 Other m -1,892 2,693 177 -2,060 Net Debt/Equity % 103.6 102.2 25.0 53.8 Financing Cashflow m -12,234 -5,522 6,715 -2,039 Price/Book x 2.2 2.0 1.6 1.3 Receashflow m -12,603 -15,093 2,860 1,552 6,715 -2,039 Book Value per Share 25.2 28.7 36.3 42.7 Free Cashflow m -12,603 -15,093 2,860 1,552 6,715 -2,039 3,863 3,070 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0,240</td></td<>												0,240
Balance Sheet Ratios investing Cashflow m -10,013 -12,003 -718 -1,709 ROE % 1.2 18.6 27.4 21.5 Dividend (Ordinary) m -555 -462 -596 -531 ROA % 2.4 8.7 13.7 13.3 Debt Movements m 4.824 8.553 751 -2.590 Net Debt/Equity % 103.6 102.2 59.6 53.8 Financing Cashflow m 2.080 11.7 -2.000 Interest Cover x 0.7 2.3 3.6 3.9 Price/Book m -12,234 -5,522 6,715 -2,039 Book Value per Share 25.2 28.7 36.3 42.7 Pree Cashflow m -12,033 -15,093 2,860 1,552 Price/Book x 2.2 2.0 1.6 1.3 Pree Cashflow m -12,033 -15,093 2,860 1,552 Book Value per Share 2.52 2.8.7 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td>1,829</td>										-	-	1,829
ROE % 1.2 18.6 27.4 21.5 Equity Raised m 297 516 0 0 0 ROA % 2.4 8.7 13.7 13.3 Debt Movements m 4.824 8.553 751 -2.590 Net Debt/Equity % 103.6 102.2 59.6 53.8 Financing Cashflow m -1.892 2.693 177 -2.000 Interest Cover x 0.7 2.3 3.6 3.9 Price/Book x 2.2 2.0 1.6 1.3 Book Value per Share 25.2 28.7 36.3 42.7 Prece Cashflow m -12,603 -15,093 2,860 1,552 Vet Che in Cash/Debt m -16.29 4,010 10,966 7,944 Receivables m 1,629 4,010 10,966 7,944 Receivables m 4,495 3,700 3.838 4,067 Investments m 0 0 0 0 0 0 0 0 0 0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>Investing Cashflow</td><td></td><td>-10,013</td><td></td><td></td><td>-1,709</td></td<>							Investing Cashflow		-10,013			-1,709
ROA % 2.4 8.7 13.7 11.3 13.7 <th13.7< th=""> <th13.7< th=""> 13.</th13.7<></th13.7<>	Balance Sheet Ratios							m			-596	-531
ROC % 0.5 11.6 15.8 14.7 15.8 14.7 Net Debt/Equity % 103.6 102.2 59.6 53.8 53.8 116erest Cover x 0.7 2.3 3.6 3.9 Price/Book x 2.2 2.0 1.6 1.3 1.3 Net Chg in Cash/Debt m -1.892 2.693 1.77 -2.009 Book Value per Share 25.2 2.8.7 36.3 42.7 Price/Book m -1.2,204 -5.522 6,715 -2.039 Book Value per Share 25.2 28.7 36.3 42.7 Pree Cashflow m -12,603 -15,993 2,860 1,552 Verture x x x x x x 2.7 2010A 2011E 2012E 2013E Verture x x x x x x x x 1.62 1.01 1.966 7,944 Net Chy in Cash/Debt m 1,629 4,010 10,966 7,944 1.929 3.336 3.700 3.838 <td></td> <td></td> <td></td> <td>18.6</td> <td>27.4</td> <td>21.5</td> <td>Equity Raised</td> <td>m</td> <td>-297</td> <td>516</td> <td>0</td> <td>0</td>				18.6	27.4	21.5	Equity Raised	m	-297	516	0	0
Net Debut/Equity % 103.6 102.2 59.6 53.8 Financing Cashflow m 2,080 11,299 332 -5,127 Interest Cover x 0.7 2.3 3.6 3.9 Net Chg in Cash/Debt m -12,234 -5,522 6,715 -2,039 Book Value per Share 25.2 28.7 36.3 42.7 Free Cashflow m -12,603 -15,093 2,860 1,552 Balance Sheet 2010A 2011E 2012E 2013E 2013E 2014E 2014E 2012E 2013E Cash m 1,629 4,010 10,966 7,944 Receivables m 4,495 3,700 3,838 4067 Investments m 0								m				-2,590
Interest Cover x 0.7 2.3 3.6 3.9 Price/Book x 2.2 2.0 1.6 1.3 1.3 Book Value per Share 25.2 28.7 36.3 42.7 Free Cashflow m -12,234 -5,522 6,715 -2,039 Balance Sheet 2010A 2011E 2012E 2013E Cash m 1,629 4,010 10,966 7,944 Receivables m 4,495 3,700 3,838 4,067 Investments m 0												
Price/Book x 2.2 2.0 1.6 1.3 Book Value per Share 25.2 28.7 36.3 42.7 Free Cashflow m -12,03 -15,03 2,860 1,552 Book Value per Share 20104 2011E 2012E 2013E Balance Sheet 2010A 2011E 2012E 2013E Cash m 1,629 4,010 10,966 7,944 Receivables m 4,495 3,700 38.38 4,067 Investments m 0<							Financing Cashflow	m	2,080	11,299	332	-5,127
Free Cashflow m -12,603 -15,093 2,860 1,552 Balance Sheet 2010A 2011E 2012E 2013E Cash m 1,629 4,010 10,966 7,944 Receivables m 4,495 3,700 3,838 4,067 Inventories m 8,946 14,426 12,647 12,538 Investments m 0 0 0 0 0 Fixed Assets m 24,498 29,281 33,396 37,700 0 <td>Price/Book</td> <td></td> <td>2.2</td> <td>2.0</td> <td>1.6</td> <td>1.3</td> <td>Net Chg in Cash/Debt</td> <td>m</td> <td>-12,234</td> <td>-5,522</td> <td>6,715</td> <td>-2,039</td>	Price/Book		2.2	2.0	1.6	1.3	Net Chg in Cash/Debt	m	-12,234	-5,522	6,715	-2,039
Cash m 1,629 4,010 10,966 7,944 Receivables m 4,495 3,700 3,838 4,067 Inventories m 8,946 14,426 12,647 12,538 Investments m 0 0 0 0 Fixed Assets m 24,498 29,281 33,396 37,700 Other Assets m 10,195 11,875 9,547 10,254 Total Assets m 10,195 11,875 9,547 10,254 Payables m 7,699 7,052 6,977 7,554 Short Term Debt m 0 0 0 0 Long Term Debt m 19,571 28,123 28,875 26,285 Provisions m 2,518 3,218 3,328 3,386 Other Liabilities m 2,518 3,218 3,323 3,886 Total Liabilities m 2,545 39,697 40,362 38,421 Shareholders' Funds m 12,548 15,754 19,971 </td <td>book value per Share</td> <td></td> <td>25.2</td> <td>20.7</td> <td>50.5</td> <td>42.7</td> <td>Free Cashflow</td> <td>m</td> <td>-12,603</td> <td>-15,093</td> <td>2,860</td> <td>1,552</td>	book value per Share		25.2	20.7	50.5	42.7	Free Cashflow	m	-12,603	-15,093	2,860	1,552
Receivables m 4,495 3,700 3,838 4,067 Inventories m 8,946 14,426 12,647 12,538 Investments m 0 0 0 0 0 Fixed Assets m 24,498 29,281 33,396 37,700 0							Balance Sheet		2010A	2011E	2012E	2013E
Receivables m 4,495 3,700 3,838 4,067 Inventories m 8,946 14,426 12,647 12,538 Investments m 0 0 0 0 0 Fixed Assets m 24,498 29,281 33,396 37,700 0							Cash	m	1.629	4.010	10,966	7,944
Inventories m 8,946 14,426 12,647 12,538 Investments m 0 0 0 0 Fixed Assets m 24,498 29,281 33,396 37,700 Intangibles m 0 0 0 0 0 Other Assets m 10,195 11,875 9,547 10,254 Total Assets m 49,762 63,291 70,394 72,504 Payables m 7,699 7,052 6,977 7,4535 Short Tern Debt m 0 0 0 0 0 Long Term Debt m 2,663 1,304 1,188 1,288 Other Liabilities m 2,2450 39,697 40,362 38,421 Shareholders' Funds m 12,548 15,754 19,971 23,478 Minority Interests m 4,764 7,842 10,063 10,060 Other m 0 0 0 0 0 0 Total AsyHequity m 17,3												4,067
Investments m 0 0 0 0 0 Fixed Assets m 24,498 29,281 33,396 37,700 Intangibles m 0 0 0 0 0 Other Assets m 10,195 11,875 9,547 10,254 Total Assets m 49,762 63,291 70,394 72,504 Payables m 7,699 7,052 6,977 7,453 Short Term Debt m 19,571 28,123 28,875 26,285 Provisions m 2,663 1,304 1,188 1,298 Other Liabilities m 32,450 39,697 40,362 38,421 Shareholders' Funds m 12,548 15,754 19,971 23,478 Minority Interests m 4,764 7,842 10,063 10,060 Other m 0 0 0 0 0 Minority Interests m 4,764 7,842 10,063 10,060 Other m 0												12,538
Intangibles m 0 0 0 0 Other Assets m 10,195 11,875 9,547 10,254 Total Assets m 49,762 63,291 70,394 72,504 Payables m 7,699 7,052 6,977 7,453 Short Term Debt m 19,571 28,123 28,875 26,285 Provisions m 2,663 1,304 1,188 1,298 Other Liabilities m 3,218 3,323 3,386 Total Liabilities m 32,450 39,697 40,362 38,421 Shareholders' Funds m 12,548 15,754 19,971 23,478 Minority Interests m 4,764 7,842 10,063 10,060 Other m 0 0 0 0 0									-			0
Other Assets m 10,195 11,875 9,547 10,254 Total Assets m 49,762 63,291 70,394 72,504 Payables m 7,699 7,052 6,977 7,453 Short Term Debt m 0 0 0 0 0 Long Term Debt m 2,663 1,304 1,188 1,288 Provisions m 2,663 1,304 1,188 1,298 Other Liabilities m 3,2450 39,697 40,362 38,421 Shareholders' Funds m 12,548 15,754 19,971 23,478 Minority Interests m 4,764 7,842 10,063 10,063 Other m 0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>37,700</td></t<>												37,700
Total Assets m 49,762 63,291 70,394 72,504 Payables m 7,699 7,052 6,977 7,453 Short Term Debt m 0 0 0 0 Long Term Debt m 19,571 28,123 28,875 26,285 Provisions m 2,663 1,304 1,188 1,298 Other Liabilities m 32,450 39,697 40,362 38,421 Shareholders' Funds m 12,548 15,754 19,971 23,478 Minority Interests m 4,764 7,842 10,063 10,060 Other m 0 0 0 0 Total S/H Equity m 17,313 23,596 30,034 34,084									-	-	-	0
Payables m 7,699 7,052 6,977 7,453 Short Term Debt m 0 0 0 0 0 Long Term Debt m 19,571 28,875 26,285 26,285 28,875 26,285 26,285 Provisions m 2,663 1,304 1,188 1,298 0ther Liabilities m 3,218 3,323 3,386 Total Liabilities m 32,450 39,697 40,362 38,421 Shareholders' Funds m 12,548 15,754 19,971 23,478 Minority Interests m 4,764 7,842 10,063 10,060 Other m 0 0 0 0 0 Other m 17,313 23,596 30,034 34,084												
Short Term Debt m 0												
Long Term Debt m 19,571 28,123 28,875 26,285 Provisions m 2,663 1,304 1,188 1,298 Other Liabilities m 3,2450 39,697 40,362 38,421 Shareholders' Funds m 12,548 15,754 19,971 23,478 Minority Interests m 4,764 7,842 10,063 10,060 Other m 0 0 0 Total S/H Equity m 17,313 23,596 30,034 34,084												7,455
Provisions m 2,663 1,304 1,188 1,298 Other Liabilities m 2,518 3,218 3,323 3,386 Total Liabilities m 32,450 39,697 40,362 38,421 Shareholders' Funds m 12,548 15,754 19,971 23,478 Minority Interests m 4,764 7,842 10,063 10,606 Other m 0 0 0 0 Total S/H Equity m 17,313 23,596 30,034 34,084												
Other Liabilities m 2,518 3,218 3,323 3,386 Total Liabilities m 32,450 39,697 40,362 38,421 Shareholders' Funds m 12,548 15,754 19,971 23,478 Minority Interests m 4,764 7,842 10,063 10,606 Other m 0 0 0 0 Total S/H Equity m 17,313 23,596 30,034 34,084												1,298
Total Liabilities m 32,450 39,697 40,362 38,421 Shareholders' Funds m 12,548 15,754 19,971 23,478 Minority Interests m 4,764 7,842 10,063 10,060 Other m 0 0 0 0 Total S/H Equity m 17,313 23,596 30,034 34,084												3,386
Shareholders' Funds m 12,548 15,754 19,971 23,478 Minority Interests m 4,764 7,842 10,063 10,060 Other m 0 0 0 0 Total S/H Equity m 17,313 23,596 30,034 34,084												38,421
Other m 0 <td></td> <td>23,478</td>												23,478
Total S/H Equity m 17,313 23,596 30,034 34,084												10,606
									-			0
Total Liab & S/H Funds m 49,762 63,293 70,396 72,505												34,084
							I OTAI LIAD & S/H Funds	m	49,762	63,293	70,396	72,505

All figures in INR unless noted. Source: Company data, Macquarie Research, April 2011

Recommendation definitions

Macquarie - Australia/New Zealand Outperform - return >3% in excess of benchmark return

Neutral - return within 3% of benchmark return Underperform - return >3% below benchmark return

Benchmark return is determined by long term nominal GDP growth plus 12 month forward market dividend vield

Macquarie – Asia/Europe

Outperform - expected return >+10% Neutral - expected return from -10% to +10% Underperform - expected return <-10%

Macquarie First South - South Africa

Outperform - expected return >+10% Neutral - expected return from -10% to +10% Underperform - expected return <-10%

Macquarie - Canada

Outperform - return >5% in excess of benchmark return Neutral - return within 5% of benchmark return Underperform - return >5% below benchmark return

Macquarie - USA

Outperform (Buy) - return >5% in excess of Russell 3000 index return

Neutral (Hold) - return within 5% of Russell 3000 index return

Underperform (Sell)- return >5% below Russell 3000 index return

Volatility index definition*

This is calculated from the volatility of historical price movements

Very high-highest risk - Stock should be expected to move up or down 60-100% in a year investors should be aware this stock is highly speculative.

High - stock should be expected to move up or down at least 40-60% in a year - investors should be aware this stock could be speculative.

Medium - stock should be expected to move up or down at least 30-40% in a year.

Low-medium - stock should be expected to move up or down at least 25-30% in a year.

Low - stock should be expected to move up or down at least 15-25% in a year. * Applicable to Australian/NZ/Canada stocks only

Recommendations - 12 months Note: Quant recommendations may differ from

Fundamental Analyst recommendations

Financial definitions

All "Adjusted" data items have had the following adjustments made:

Added back: goodwill amortisation, provision for catastrophe reserves, IFRS derivatives & hedging, IFRS impairments & IFRS interest expense Excluded: non recurring items, asset revals, property revals, appraisal value uplift, preference dividends & minority interests

EPS = adjusted net profit / efpowa*

ROA = adjusted ebit / average total assets ROA Banks/Insurance = adjusted net profit /average total assets

ROE = adjusted net profit / average shareholders funds Gross cashflow = adjusted net profit + depreciation *equivalent fully paid ordinary weighted average number of shares

All Reported numbers for Australian/NZ listed stocks are modelled under IFRS (International Financial Reporting Standards).

	AU/NZ	Asia	RSA	USA	CA	EUR	
Outperform	45.65%	65.72%	59.70%	43.02%	68.91%	51.16% (for US coverage by MCUSA, 14.36% of stocks covered are investment banking	clients)
Neutral	39.49%	19.00%	29.85%	53.09%	26.43%	35.73% (for US coverage by MCUSA, 17.55% of stocks covered are investment banking	clients)
Underperform	14.86%	15.28%	10.45%	3.89%	4.66%	13.11% (for US coverage by MCUSA, 0.00% of stocks covered are investment banking cl	ients)

Company Specific Disclosures:

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