Macquarie Equities Research



The Global Oil & Gas Specialist

INDIA

CAIR IN		Neutral
Price 27 Jun 11	R	s309.20
12-month target	Rs	300.00
Upside/Downside	%	-3.0
Valuation	Rs	300.00
GICS sector		Energy
Market cap	Rsm	588,163
30-day avg turnover	US\$m	1.3
Market cap	US\$m	13,072
Number shares on iss	sue m	1,902

Investment fundamentals

Year end 31 Mar		2011A	2012E	2013E	2014E
Revenue	bn	102.8	147.9	147.2	145.8
EBITDA	bn	81.8	117.2	117.2	121.6
EBITDA growth	%	959.3	43.3	0.0	3.7
Reported profit	bn	62.7	80.7	81.4	81.3
EPS rep	Rs	33.04	42.56	42.91	42.87
EPS rep growth	%	496.3	28.8	0.8	-0.1
PER rep	х	9.4	7.3	7.2	7.2
Total DPS	Rs	0.00	0.00	0.00	0.00
Total div yield	%	0.0	0.0	0.0	0.0
ROA	%	16.3	19.9	17.3	14.9
ROE	%	16.9	18.3	15.5	13.4
EV/EBITDA	х	7.0	4.8	4.8	4.7
Net debt/equity	%	-4.5	-1.7	-2.7	-1.3
P/BV	х	1.5	1.2	1.0	0.9

CAIR 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 an embargo period. Source: FactSet, Macquarie Research, June 2011 (all figures in INR unless noted)

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27 June 2011 Macquarie Capital Securities India (Pvt) Ltd

Cairn India

Sharp fall due to royalty overhang, crude decline

Event

• Upgrade to Neutral due to sharp fall, despite import duty cut being a negative: Cairn India is one of the key companies that should be negatively affected by the EGoM's attempt to reduce under-recovery without raising prices substantially. We estimate that the 5% crude import duty cut will hurt Cairn India's earnings by 9% for the full year. We nevertheless are upgrading our recommendation to Neutral from Underperform given a sharp 13% MoM fall in the stock price.

Impact

- Decline in crude prices has pulled away bullishness in the stock: Brent crude prices have fallen to ~US\$105/bbl from the US\$127/bbl levels two months ago. A major contributor to the fall was the recent IEA pledge to release 60mm barrels of oil, or 2 million barrels per day, from its strategic petroleum reserves (SPR). The US alone will provide 30mm barrels, while 20mm will come from Europe and the remainder from Asia. (The global SPR total surpasses 1.6B barrels). The agency cited lost Libyan supplies as the primary driver behind the action just the third time the SPRs have been tapped in more than 30 years.
- Royalty overhang a concern, as Vedanta deal continues to be in limbo: Vedanta has already taken an 18.5% stake in Cairn India, of which 8.4% is through the open offer at Rs355/share and a 10.1% stake sale by Petronas at Rs331/share, and hence is significantly committed to acquire Cairn. The Group of Ministers (GoM) appointed by the government's Cabinet Committee of Economic Affairs (CCEA) recently recommended that royalty should be cost recoverable. Effectively, Cairn India would have to bear the hit. According to press reports it would be difficult for the CCEA to ignore the recommendation of GoM, which it appointed.

Earnings and target price revision

 We are cutting our earnings forecasts by 4–5% for FY12/13 and target price by 1.4% to Rs300/share.

Price catalyst

- 12-month price target: Rs300.00 based on a DCF methodology.
- Catalyst: Clarity on royalty issue.

Action and recommendation

Even after having declined sharply, the stock is quoting at >US\$45/bbl on an EV/1P reserve basis, due to low 1P reserve on account of limitations of permissions/leaseholds. With no clarity on the Vedanta deal having emerged as yet and the CAG (Comptroller and Auditor General, India's central auditor) accusing the petroleum ministry of having favoured Cairn India through not enforcing relinquishment of land as per the production sharing contract, we anticipate that the stock could remain stuck in 'no man's land' for a while. We recommend a switch to downstream companies Hindustan Petroleum (HPCL IN, Rs415.25, Outperform, TP: Rs507.00) and Bharat Petroleum (BPCL IN, Rs663.70, Outperform, TP: Rs794.00).

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Cairn India (CAIR IN Quarterly Results	, .	4Q/11A	1Q/12E	2Q/12E	3Q/12E	Profit & Loss		2011A	2012E	2013E	2014
additionly results				200121	560/12E			20114	ZUIZE	20132	2014
Revenue	bn	37.2	32.8	34.2	37.0	Revenue	bn	102.8	142.5	140.4	142
Gross Profit	bn	37.1	30.9	32.3	35.0	Gross Profit	bn	102.4	134.5	130.8	133
Cost of Goods Sold	bn	0.1	1.8	1.9	2.1	Cost of Goods Sold	bn	0.4	8.0	9.5	9
BITDA	bn	30.9	27.0	28.2	30.6	EBITDA	bn	81.8	117.6	116.4	120
Depreciation	bn	4.6	3.8	4.0	4.3	Depreciation	bn	11.9	16.6	14.8	21
mortisation of Goodwill	bn	0.0	0.0	0.0	0.0	Amortisation of Goodwill	bn	0.0	0.0	0.0	0
Other Amortisation	bn	0.0	0.0	0.0	0.0	Other Amortisation	bn	0.0	0.0	0.0	0
BIT	bn	26.2	23.2	24.2	26.2	EBIT	bn	69.9	100.9	101.6	98
let Interest Income	bn	-0.4	-0.7	-0.7	-0.8	Net Interest Income	bn	-2.9	-2.9	-2.9	-2
ssociates	bn	0.0	0.0	0.0	0.0	Associates	bn	0.0	0.0	0.0	Ċ
xceptionals	bn	0.0	0.0	0.0	0.0	Exceptionals	bn	0.0	0.0	0.0	0
orex Gains / Losses	bn	0.0	0.0	0.0	0.0	Forex Gains / Losses	bn	0.0	0.0	0.0	(
Other Pre-Tax Income	bn	0.0	0.0	0.0	0.0	Other Pre-Tax Income	bn	1.3	0.8	1.1	
Pre-Tax Profit	bn	26.2	22.7	23.7	25.7	Pre-Tax Profit	bn	68.2	98.8	99.8	97
ax Expense	bn	-1.0	-3.4	-3.6	-3.9	Tax Expense	bn	-5.6	-14.8	-15.0	-14
let Profit	bn	25.2	19.3	20.2	21.8	Net Profit	bn	62.7	84.0	84.8	82
linority Interests	bn	0.0	0.0	0.0	0.0	Minority Interests	bn	0.0	0.0	0.0	(
eported Earnings djusted Earnings	bn bn	25.2 25.2	19.3 19.3	20.2 20.2	21.8 21.8	Reported Earnings Adjusted Earnings	bn bn	62.7 62.7	84.0 84.0	84.8 84.8	82 82
PS (rep)		13.31	10.18	10.63	11.51	EPS (rep)		33.04	44.28	44.71	43.
PS (adj)		13.31	10.18	10.63	11.51	EPS (adj)		33.04	44.28	44.71	43.
PS Growth yoy (adj)	%	789.6	1,210.1	27.1	8.6	EPS Growth (adj)	%	496.3	34.0	1.0	-
						PE (rep)	х	9.4	7.0	6.9	
						PE (adj)	х	9.4	7.0	6.9	
BITDA Margin	%	83.0	82.5	82.5	82.5	Total DPS		0.00	0.00	0.00	0
BIT Margin	%	70.5	70.8	70.8	70.8	Total Div Yield	%	0.0	0.0	0.0	
arnings Split	%	40.3	23.0	24.0	26.0	Weighted Average Shares	m	1,897	1,897	1,897	1,8
Revenue Growth	%	749.2	323.7	27.3	19.7	Period End Shares	m	1,897	1,897	1,897	1,8
BIT Growth	%	1,458.6	747.6	32.2	16.4	T enou Enu Shares		1,037	1,037	1,037	1,0
Profit and Loss Ratios		2011A	2012E	2013E	2014E	Cashflow Analysis		2011A	2012E	2013E	201
									447.0		400
Revenue Growth	%	533.3	38.6	-1.5	1.6	EBITDA	bn	81.8	117.6	116.4	120
BITDA Growth	%	959.3	43.8	-1.0	3.2	Tax Paid	bn	-5.6	-14.8	-15.0	-14
BIT Growth	%	1,020.3	44.5	0.7	-2.7	Chgs in Working Cap	bn	0.0	0.0	0.0	(
ross Profit Margin	%	99.6	94.4	93.2	93.2	Net Interest Paid	bn	-2.9	-2.9	-2.9	-2
BITDA Margin	%	79.6	82.5	82.9	84.2	Other	bn	0.0	0.0	0.0	(
BIT Margin	%	68.0	70.8	72.4	69.3	Operating Cashflow	bn	73.3	99.8	98.5	10
let Profit Margin	%	61.0	58.9	60.4	57.9	Acquisitions	bn	0.0	0.0	0.0	(
ayout Ratio	%	0.0	0.0	0.0	0.0	Capex	bn	-33.9	-99.5	-59.5	-126
V/EBITDA	х	7.0	4.8	4.9	4.7	Asset Sales	bn	0.0	0.0	0.0	(
V/EBIT	х	8.2	5.6	5.6	5.8	Other	bn	0.0	0.0	0.0	(
						Investing Cashflow	bn	-33.9	-99.5	-59.5	-126
Balance Sheet Ratios						Dividend (Ordinary)	bn	0.0	0.0	0.0	(
OE	%	16.9	18.9	16.0	13.5	Equity Raised	bn	0.1	0.0	0.0	Ċ
OA	%	16.3	20.1	17.4	14.8	Debt Movements	bn	-7.2	0.0	0.0	Ċ
OIC	%	17.7	22.3	18.0	16.0	Other	bn	0.0	0.0	0.0	i
let Debt/Equity	%	-4.5	-1.4	-8.1	-3.4	Financing Cashflow	bn	-7.1	0.0	0.0	
nterest Cover rice/Book	x x	24.0 1.5	34.7 1.2	34.9 1.0	34.0 0.9	Net Chg in Cash/Debt	bn	29.4	-11.3	39.5	-2
Book Value per Share		211.9	256.2	300.9	344.5	Free Cashflow	bn	39.4	0.3	38.9	-23
						Balance Sheet		2011A	2012E	2013E	201
						Cash	bn	44.8	33.6	73.1	48
						Receivables	bn	14.8	20.6	20.3	2
						Inventories	bn	3.3	4.5	4.5	4
						Investments	bn	10.9	10.9	10.9	1(
						Fixed Assets	bn	119.9	202.8	247.6	35
						Intangibles	bn	253.2	253.2	253.2	25
						Other Assets	bn	16.7	16.7	16.7	1
						Total Assets	bn	463.6	542.3	626.2	70
						Payables	bn	8.0	2.6	1.8	
						Short Term Debt	bn	13.5	13.5	13.5	1
						Long Term Debt	bn	13.3	13.3	13.3	1
						Provisions	bn	16.6	16.6	16.6	1
						Other Liabilities	bn	10.0	10.0	10.0	1
						Total Liabilities	bn	61.7	56.3	55.4	5
						Shareholders' Funds	bn	402.0	486.0	570.8	65
						Minority Interacto	bn	0.0	0.0	0.0	
						Minority Interests			0.0		
						Other	bn	0.0	0.0	0.0	

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

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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 yield

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*

number of shares

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

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

Recommendation proportions - For quarter ending 31 March 2011

	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 clients)

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Somesh Agarwal (Singapore)	(65) 6601 0840
Brandon Chen (Taiwan)	(8862) 2734 7518
Best Waiyanont (Thailand)	(662) 694 7993
Emerging Leaders	
Jake Lynch (China, Asia)	(8621) 2412 9007
Jonathan Hsu (China, Hong Kong)	(852) 3922 4625
Saiyi He (Hong Kong)	(852) 3922 3585
Robert Burghart (Japan) Makoto Egami (Japan)	(813) 3512 7853 (813) 3512 7879
Industrials	(010) 0012 1010
Janet Lewis (Asia)	(852) 3922 5417
Inderjeetsingh Bhatia (India)	(9122) 6720 4087
Juwon Lee (Korea)	(822) 3705 8661
Sunaina Dhanuka (Malaysia)	(603) 2059 8993
David Gambrill (Thailand)	(662) 694 7753
Insurance	
Scott Russell (Asia, China)	(852) 3922 3567
Chung Jun Yun (Korea) Media and Internet	(822) 2095 7222
	(952) 2022 2566
Jiong Shao (China, Hong Kong) Steve Zhang (China, Hong Kong)	(852) 3922 3566 (852) 3922 3578
Nitin Mohta (India)	(9122) 6720 4090
Prem Jearajasingam (Malaysia)	(603) 2059 8989
Alex Pomento (Philippines)	(632) 857 0899

Asia Sales

Regional Heads of Sales

(603) 2059 8888 (603) 2059 8888 (632) 857 0761 (1 212) 231 2527 (1 212) 231 2507 (1 212) 231 2559 (1 212) 231 2559 (1 415) 762 5001

Robin Black (Asia)
Chris Gray (ASEAN)
Peter Slater (Boston)
Jeffrey Shiu (China & Hong Kong)
Thomas Renz (Geneva)
Andrew Mouat (India)
Kenneth Yap (Indonesia)
JJ Kim (Korea)
Jason Lee (Malaysia)
Chris Gould (Malaysia)
Gino C Rojas (Philippines)
Greg Norton-Kidd (New York)
Luke Sullivan (New York)
Eric Roles (New York)
Sheila Schroeder (San Francisco)

Oil, Gas and Petrochemicals

Jal Irani (India)	(9122) 6720 4080
Polina Diyachkina (Japan)	(813) 3512 7886
Shawn Park (Korea)	(822) 3705 8669
Sunaina Dhanuka (Malaysia) Trevor Buchinski (Thailand)	(603) 2059 8993 (662) 694 7829
Pharmaceuticals and Health	
Jonathan Hsu (Hong Kong)	(852) 3922 4625
Abhishek Singhal (India) Eunice Bu (Korea)	(9122) 6720 4086 822) 2095 7223
Chinnarat Boonmahanark (Thailand)	
Property	(,
Callum Bramah (Asia)	(852) 3922 4731
Eva Lee (China, Hong Kong)	(852) 3922 3573
Eugene Cheung (Hong Kong)	(852) 3922 4627
Unmesh Sharma (India)	(9122) 6720 4092
Felicia Barus (Indonesia)	(6221) 2598 8480
Hiroshi Okubo (Japan)	(813) 3512 7433
Sunaina Dhanuka (Malaysia)	(603) 2059 8993
Alex Pomento (Philippines)	(632) 857 0899
Tuck Yin Soong (Singapore)	(65) 6601 0838
Elaine Cheong (Singapore)	(65) 6601 0839
Corinne Jian (Taiwan)	(8862) 2734 7522
Brandon Chen (Taiwan)	(8862) 2734 7518
Patti Tomaitrichitr (Thailand)	(662) 694 7727
Resources / Metals and Mini	ng
Andrew Dale (Asia)	(852) 3922 3587
Graeme Train (China)	(8621) 2412 9035
Carol Cao (China, Hong Kong)	(852) 3922 4075
Pelen Ji (China, Hong Kong)	(852) 3922 4741
Christina Lee (Hong Kong)	(852) 3922 3571
Rakesh Arora (India)	(9122) 6720 4093
Adam Worthington (Indonesia)	(852) 3922 4626
Albert Saputro (Indonesia) Polina Diyachkina (Japan)	(6221) 515 7340 (813) 3512 7886
Chak Reungsinpinya (Thailand)	(662) 694 7982
	(002) 034 7302
Technology	(0000) 070 (75 (0
Jeffrey Su (Asia, Taiwan)	(8862) 2734 7512 (852) 3922 1401
Lisa Soh (China) Nitin Mohta (India)	(9122) 6720 4090
Damian Thong (Japan)	(813) 3512 7877
David Gibson (Japan)	(813) 3512 7880
George Chang (Japan)	(813) 3512 7854
Jeff Loff (Japan)	(813) 3512 7851
Michiko Kakiya (Japan)	(813) 3512 7868
Yukihiro Goto (Japan)	(813) 3512 5984
Daniel Kim (Korea)	(822) 3705 8641
Benjamin Ban (Korea)	(822) 3705 8659
Andrew Chang (Taiwan)	(8862) 2734 7526
Daniel Chang (Taiwan)	(8862) 2734 7516
Jimmy Hsu (Taiwan)	(8862) 2734 7533
Kylie Huang (Taiwan)	(8862) 2734 7528
Telecoms	
Lisa Soh (China, Hong Kong)	(852) 3922 1401
Riaz Hyder (Indonesia)	(6221) 2598 8486
Nathan Ramler (Japan)	(813) 3512 7875
Prem Jearajasingam	(000) 0055
(Malaysia, Singapore)	(603) 2059 8989
Alex Pomento (Philippines)	(632) 857 0899
Joseph Quinn (Taiwan)	(8862) 2734 7519
Best Waiyanont (Thailand)	(662) 694 7993

Regional Heads of Sales cont'd

Miki Edelman (Taiwan) Angus Kent (Thailand) Michael Newman (Tokyo) Angus Innes (UK/Europe) Rob Fabbro (UK/Europe)	(8862) 2734 7580 (662) 694 7601 (813) 3512 7920 (44) 20 3037 4841 (44) 20 3037 4865						
Sean Alexander (Generalist)	(852) 3922 2101						
Regional Head of Distribution							
Justin Crawford (Asia)	(852) 3922 2065						
Sales Trading							
Adam Zaki (Asia) Yat Quan Tan (Hong Kong) Phil Sellaroli (Japan) Grace Lee (Korea) Matthew Ryan (Singapore)	(852) 3922 2002 (852) 3922 2028 (813) 3512 7837 (822) 3705 8601 (65) 6601 0288						

Transport & Infrastructure
Janet Lewis (Asia, Japan)
Nicholas Cunningham (Japan)
Sunaina Dhanuka (Malaysia)
Utilities & Renewables
Adam Worthington (Asia)

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Utilities & Rene	ewables	
Adam Worthington (Carol Cao (China) Jeff Evans (India) Ayako Mitsui Bostor Prem Jearajasingan Alex Pomento (Phili Commodities	n (Japan) n (Malaysia)	(852) 3922 4626 (852) 3922 4075 (9122) 6720 4081 (813) 3512 7885 (603) 2059 8989 (632) 857 0899
Jim Lennon Max Layton Duncan Hobbs Graeme Train Rakesh Arora Data Services		(4420) 3037 4271 (4420) 3037 4273 (4420) 3037 4497 (8621) 2412 9035 (9122) 6720 4093
Andrea Dailly (Asia))	(852) 3922 4076
Eric Yeung		(852) 3922 4077
Economics		
Richard Gibbs (Aus Paul Cavey (China) Renee Chen (Hong Quantitative / C	, Kong, Taiwan)	(612) 8232 3935 (852) 3922 3570 (852) 3922 3597
Gurvinder Brar (Glo		(4420) 3037 4036
Viking Kwok (Asia) Burke Lau (Asia) Patrick Hansen (Jap Ayumu Kuroda (Jap Simon Rigney (Japa	pan) pan)	(852) 3922 4735 (852) 3922 5494 (813) 3512 7876 (813) 3512 7569 (813) 3512 7872
Strategy/Count	ry	
Michael Kurtz (Asia John Woods (Asia) Peter Eadon-Clarke Jiong Shao (China, Rakesh Arora (India David Gibson (Japa Chan Hwang (Korea Kieran Calder (Mala Yeonzon Yeow (Ma Alex Pomento (Phili Conrad Werner (Sir Daniel Chang (Taiw David Gambrill (Tha	(852) 3922 1403 (852) 3922 4636 (813) 3512 7850 (852) 3922 3566 (9122) 6720 4093 (813) 3512 7880 (822) 3705 8643 (603) 2059 8992 (603) 2059 8982 (632) 857 899 (650) 6601 0182 (8862) 2734 7516 (662) 694 7753	
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Sales Trading cont'd

Mike Keen (Europe)	(44) 20 3037 4905
Chris Reale (New York)	(1 212) 231 2555
Marc Rosa (New York)	(1 212) 231 2555
Stanley Dunda (Indonesia)	(6221) 515 1555
Kenneth Cheung (Malaysia)	(603) 2059 8888
Michael Santos (Philippines)	(632) 857 0813
Isaac Huang (Taiwan)	(8862) 2734 7582
Dominic Shore (Thailand)	(662) 694 7707
Alternative Strategies	

Convertibles - Roland Sharman	(852) 3922 2095
Depository Receipts - Seung-Jin Lee	(65) 6601 0203
Derivatives – Mark Holland	(852) 3922 2081
Structured Products - Andrew Terlich	(852) 3922 2013