Macquarie **Equities Research**



The Global Oil & Gas Specialist

INDIA		
COAL IN		Neutral
Price 25 May 11	R	s377.00
12-month target Upside/Downside Valuation	Rs % Rs	382.00 1.3 382.00
GICS sector Market cap	Rsbn	Energy 2,381
30-day avg turnover Market cap Number shares on iss	US\$m US\$m sue m	10.4 52,665 6,316

Investment fundamentals

Year end 31 Mar		2011A	2012E	2013E	2014E
Revenue	bn	514.9	600.4	677.7	755.4
EBITDA	bn	134.6	165.0	172.5	213.1
EBITDA growth	%	31.5	22.6	4.5	23.5
Reported profit	bn	109.3	140.2	159.0	194.2
EPS rep	Rs	17.30	22.19	25.18	30.74
EPS rep growth	%	12.8	28.3	13.5	22.1
PER rep	Х	21.8	17.0	15.0	12.3
Total DPS	Rs	3.64	3.32	5.84	6.16
Total div yield	%	1.0	0.9	1.5	1.6
ROA	%	15.5	17.2	15.5	16.4
ROE	%	35.5	34.7	30.0	28.8
EV/EBITDA	Х	14.5	11.8	11.3	9.1
Net debt/equity	%	-127.3	-104.5	-104.3	-104.3
P/BV	Х	7.0	5.1	4.0	3.2

COAL 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, May 2011
(all figures in INR unless noted)

Rakesh Arora, CFA
+91 22 6653 3054 rakesh.arora@macquarie.com
Samidha Gehlot
+91 22 6653 3047 samidha.gehlot@macquarie.com

26 May 2011 Macquarie Capital Securities India (Pvt) Ltd

Coal India Good, will peak in 1Q

Event

• 4Q FY11 results beats estimates: Coal India (CIL) reported extremely strong earnings for 4Q FY11, helped by higher despatches and strong prices. We expect even better performance in 1Q FY12 as full benefit from the recent price hikes should be seen while cost increases only from 2Q. We recommend investors book profits in the run-up to the results and wait for a better entry point later. Maintain Neutral.

Impact

- Strong FY11 results: CIL reported net sales of Rs515bn with sales of 425mt, up 2% YoY and realisations up 5% YoY. EBITDA at Rs135bn was up from Rs102bn reported last year, up 32% YoY. PAT was reported at Rs109bn, up 13% from FY10.
- Margin increase extraordinary: CIL reported close to US\$10/t at the EBITDA level, a sharp increase from US\$6.5/t reported until 3Q. It was helped by an increase in realisation in end-February and also by possibly higher eauction prices. We are building US\$8.5/t for FY12E.
- Wage cost pressures to be aggravated: Coal India's profitability has increased 100% from FY07. This, along with high inflation, means that labour unions can bargain for a higher than 25% raise and settlement can be prolonged. Currently, wages are 50% of the cost, and every 10% increase is an 11% decline in profits.
- Volumes have upside risk: We are building in sales volume of 450mnt against management guidance of production of 447mnt. However, Coal India is sitting on close to 70mnt of inventory, which can be brought down to the normalised level of 40–45mnt. For every 10mnt increase in sales volume its profits can increase by 2.5%.

Earnings and target price revision

No change.

Price catalyst

- 12-month price target: Rs382.00 based on a DCF methodology.
- Catalyst: Increase in despatches and further price increase.

Action and recommendation

• Maintain Neutral: Coal India has seen a significant increase in its profitability, much ahead of everyone's expectations. As its profitability reaches normalised levels, we think the premium valuation that Coal India attracts will see a decline. We maintain our Neutral rating and recommend that investors look to add on declines as CIL profitability likely retracts post 1Q results.

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.

Macquarie Research Coal India

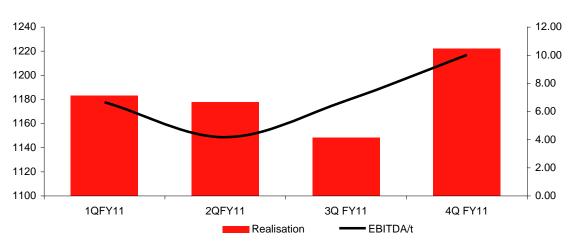
Extremely strong numbers

Fig 1 Strong results - helped by seasonality

		FY11	FY10	QoQ (%)
Production	mt	431.2	431.3	16%
Despatches	mt	425.1	415.5	3%
Price	Rs/t	1,182	1,124	6%
Cost	Rs/t	894	894	3%
Net Sales	Rsbn	514,868	473,606	19%
Total expenditure	Rsbn	380,249	371,243	6%
EBITDA	Rsbn	134,619	102,363	54%
Margin	Rs/t	317	246	49%
Depreciation	Rsbn	16,729	13,138	14%
EBIT	Rsbn	117,890	89,225	59%
Interest	Rsbn	619	1,365	-211%
Other Income	Rsbn	47,960	52,408	-9%
PBT	Rsbn	165,231	140,268	40%
Tax	Rsbn	55,959	43,425	9%
PAT	Rsbn	108,670	96,307	61%
Source: Company data, Macquarie Re	search, May 2011			

Increase in realisations helped margins during the quarter

Fig 2 Margin increase helped by increase in prices – we are building in margin of \$8.5/t for FY12E



Source: Macquarie Research, May 2011

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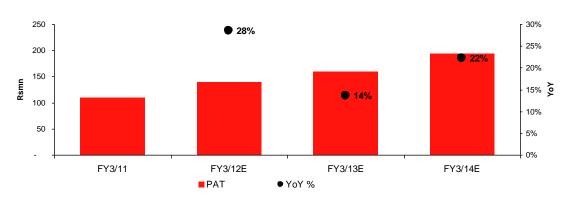
Macquarie Research Coal India

Wage cost pressures to be aggravated

Fig 3 Wage renegotiations to start for non-executives in July 2011

Category	Coal India	Details
Executive	15,092	Determined by GOI and fixed for 10 years, due for negotiations in Jan, 2017
M/Rated	81,643	•
D/Rated	256,046	
P/Rated	40,898	Governed by National Coal Wage Agreement which is
Casual	132	to be negotiated in July 2011 for next 5 years
Badli	234	
Co(T)	3,093	
TOTAL	397,138	
Source: Company data, Macqua	rie Research, May 2011	

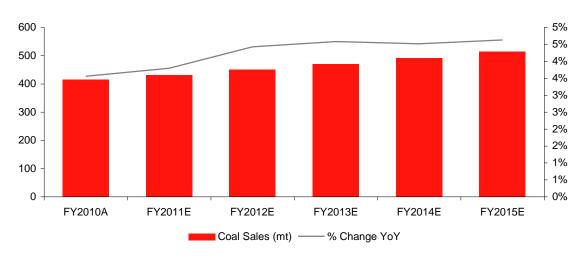
Fig 4 Increasing profitability will increase expectations of higher wage increase



Source: Company data, Macquarie Research, May 2011

Increase in sales volume - if inventory can be sold

Fig 5 We are estimating sales volume of 450mt next year



Source: Company data, Macquarie Research, May 2011

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Macquarie Research Coal India

Coal India (COAL IN. Neutral, Target Price: Rs382.00)

	, itcui	4Q/11A	1Q/12E	Rs382.0 2Q/12E	3Q/12E	Profit & Loss		2011A	2012E	2013E	2014E
Quarterly Results		-									
Revenue Gross Profit	m m	144,163 37,693	120,084 33,001	150,105 41,251	162,114 44,551	Revenue Gross Profit	m m	514,868 134,619	600,421 165,003	677,682 172,504	755,372 213,122
Cost of Goods Sold		106,470				Cost of Goods Sold		380,249	435,418	505,178	
BITDA	m	37,693	87,084	108,855	117,563	EBITDA	m m				542,250
Depreciation	m	,	33,001	41,251	44,551			134,619	165,003	172,504	213,122
mortisation of Goodwill	m	4,182 0	4,362 0	4,362 0	4,362 0	Depreciation	m	16,729 0	17,447 0	19,362 0	21,27
Other Amortisation	m	0	0	0	0	Amortisation of Goodwill Other Amortisation	m m	0	0	0	(
	m					EBIT					
BIT	m	33,511	28,639	36,889	40,189		m	117,890	147,556	153,143	191,845
et Interest Income	m	11,835	15,338	15,338	15,338	Net Interest Income	m	47,341	61,352	83,936	97,67
ssociates	m	0	0	0	0	Associates	m	0	0	0	9
xceptionals	m	0	0	0	0	Exceptionals	m	0	0	0	(
orex Gains / Losses	m	0	0	0	0	Forex Gains / Losses	m	0	0	0	(
Other Pre-Tax Income	m	0	0	0	0	Other Pre-Tax Income	m	0	0	0	
Pre-Tax Profit	m	45,346	43,977	52,227	55,527	Pre-Tax Profit	m	165,231	208,908	237,078	289,51
ax Expense	m	-13,990	-17,185	-17,185	-17,185	Tax Expense	m	-55,959	-68,741	-78,037	-95,343
let Profit	m	31,357	26,792	35,042	38,342	Net Profit	m	109,272	140,167	159,041	194,17
finority Interests	m	0	0	0	0	Minority Interests	m	0	0	0	(
Reported Earnings Adjusted Earnings	m m	31,357 31,357	26,792 26,792	35,042 35,042	38,342 38,342	Reported Earnings Adjusted Earnings	m m	109,272 109,272	140,167 140,167	159,041 159,041	194,177 194,177
EPS (rep)		4.96	4.24	5.55	6.07	EPS (rep)		17.30	22.19	25.18	30.74
EPS (rep) EPS (adj)		4.96 4.96	4.24 4.24	5.55 5.55	6.07	EPS (rep)		17.30	22.19	25.18 25.18	30.74
	%	4.96 14.9	30.1	28.3	27.8	EPS (adj) EPS Growth (adj)	%	17.30	28.3	25.18 13.5	
EPS Growth yoy (adj)	%	14.9	30.1	∠8.3	21.8						22.1
						PE (rep)	X	21.8	17.0	15.0	12.3
						PE (adj)	Х	21.8	17.0	15.0	12.3
BITDA Margin	%	26.1	27.5	27.5	27.5	Total DPS		3.64	3.32	5.84	6.16
EBIT Margin	%	23.2	23.8	24.6	24.8	Total Div Yield	%	1.0	0.9	1.5	1.6
Earnings Split	%	28.7	19.1	25.0	27.4	Weighted Average Shares	m	6,316	6,316	6,316	6,316
Revenue Growth	%	8.7	16.6	16.6	16.6	Period End Shares	m	6,316	6,316	6,316	6,316
EBIT Growth	%	32.1	25.9	25.2	24.9						
Profit and Loss Ratios		2011A	2012E	2013E	2014E	Cashflow Analysis		2011A	2012E	2013E	2014E
Revenue Growth	%	8.7	16.6	12.9	11.5	EBITDA	m	134,619	165,003	172,504	213,122
BITDA Growth	%	31.5	22.6	4.5	23.5	Tax Paid	m	0	0	0	(
BIT Growth	%	32.1	25.2	3.8	25.3	Chgs in Working Cap	m	1,540	-43,116	25,233	20,388
Gross Profit Margin	%	26.1	27.5	25.5	28.2	Net Interest Paid	m	0	0	0	(
BITDA Margin	%	26.1	27.5	25.5	28.2	Other	m	-15,395	-7,571	5,517	1,950
BIT Margin	%	22.9	24.6	22.6	25.4	Operating Cashflow	m	120,763	114,316	203,254	235,46
et Profit Margin	%	21.2	23.3	23.5	25.7	Acquisitions	m	0	0	0	
ayout Ratio	%	21.0	15.0	23.2	20.1	Capex	m	-30,000	-46,500	-40,000	-35,00
V/EBITDA	X	14.5	11.8	11.3	9.1	Asset Sales	m	0	0	0	00,00
V/EBIT	X	16.5	13.2	12.7	10.1	Other	m	Ö	Õ	Ö	
	^	10.5	10.2	12.7	10.1	Investing Cashflow	m	-30,000	-46,500	-40,000	-35,00
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						Dividend (Ordinary)		-30,000	-40,300		-38,936
								22.067	20,062		
alance Sheet Ratios	0/	25.5	24.7	20.0	20.0		m	-22,967	-20,963	-36,908	
dalance Sheet Ratios	%	35.5	34.7	30.0	28.8	Equity Raised	m	0	0	-36,908 0	(
alance Sheet Ratios OE OA	%	15.5	17.2	15.5	16.4	Equity Raised Debt Movements	m m	0 -5,953	0 -5,420	-36,908 0 -5,221	-22
ialance Sheet Ratios OE OA OIC	% %	15.5 -80.4	17.2 -106.1	15.5 -485.4	16.4 -499.5	Equity Raised Debt Movements Other	m m m	0 -5,953 0	0 -5,420 0	-36,908 0 -5,221 0	-22°
Balance Sheet Ratios COE COA COIC let Debt/Equity	%	15.5	17.2	15.5	16.4	Equity Raised Debt Movements	m m	0 -5,953	0 -5,420	-36,908 0 -5,221	-221 (-39,156
Balance Sheet Ratios ROE ROA ROIC let Debt/Equity nterest Cover rice/Book	% % %	15.5 -80.4 -127.3 nmf 7.0	17.2 -106.1 -104.5 nmf 5.1	15.5 -485.4 -104.3 nmf 4.0	16.4 -499.5 -104.3 nmf 3.2	Equity Raised Debt Movements Other	m m m	0 -5,953 0	0 -5,420 0	-36,908 0 -5,221 0	-221 (-39,156
Balance Sheet Ratios ROE ROA ROIC let Debt/Equity nterest Cover rice/Book	% % % x	15.5 -80.4 -127.3 nmf	17.2 -106.1 -104.5 nmf	15.5 -485.4 -104.3 nmf	16.4 -499.5 -104.3 nmf	Equity Raised Debt Movements Other Financing Cashflow	m m m m	0 -5,953 0 -28,920	0 -5,420 0 -26,383	-36,908 0 -5,221 0 -42,129	-221 (
Balance Sheet Ratios ROE ROA ROIC let Debt/Equity nterest Cover rice/Book	% % % x	15.5 -80.4 -127.3 nmf 7.0	17.2 -106.1 -104.5 nmf 5.1	15.5 -485.4 -104.3 nmf 4.0	16.4 -499.5 -104.3 nmf 3.2	Equity Raised Debt Movements Other Financing Cashflow Net Chg in Cash/Debt	m m m m	0 -5,953 0 - 28,920 61,843	-5,420 0 - 26,383 41,433	-36,908 0 -5,221 0 -42,129	-39,156 161,304 200,466
calance Sheet Ratios OE OA OIC tet Debt/Equity therest Cover rice/Book	% % % x	15.5 -80.4 -127.3 nmf 7.0	17.2 -106.1 -104.5 nmf 5.1	15.5 -485.4 -104.3 nmf 4.0	16.4 -499.5 -104.3 nmf 3.2	Equity Raised Debt Movements Other Financing Cashflow Net Chg in Cash/Debt Free Cashflow	m m m m	0 -5,953 0 -28,920 61,843 90,763	0 -5,420 0 -26,383 41,433 67,816	-36,908 0 -5,221 0 -42,129 121,125 163,254 2013E	-22 -39,15 161,30 200,46
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alance Sheet Ratios OE OA OIC et Debt/Equity terest Cover ice/Book	% % % x	15.5 -80.4 -127.3 nmf 7.0	17.2 -106.1 -104.5 nmf 5.1	15.5 -485.4 -104.3 nmf 4.0	16.4 -499.5 -104.3 nmf 3.2	Equity Raised Debt Movements Other Financing Cashflow Net Chg in Cash/Debt Free Cashflow Balance Sheet Cash Receivables Inventories Investments Fixed Assets Intangibles Other Assets Payables Short Term Debt Long Term Debt Provisions Other Liabilities Total Liabilities	m m m m m m m m m m m m m m m m m m m	0 -5,953 0 -28,920 61,843 90,763 2011A 458,573 30,256 55,856 10,637 118,581 0 140,064 813,967 448,727 0 22,775 0 0	0 -5,420 0 -26,383 41,433 67,816 2012E 505,427 28,020 56,041 10,637 141,134 0 163,310 904,569 420,307 0 17,773 0 0	-36,908 0 -5,221 0 -42,129 121,125 163,254 2013E 631,773 31,230 62,460 10,637 161,772 0 176,595 1,074,467 468,453 0 12,773 0 0 481,226	-22 -39,15 161,30 200,46 2014 793,29 33,82 67,64 10,63 165,49 197,32 1,268,22 507,35 5,85
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Balance Sheet Ratios ROE ROA ROIC let Debt/Equity nterest Cover	% % % x	15.5 -80.4 -127.3 nmf 7.0	17.2 -106.1 -104.5 nmf 5.1	15.5 -485.4 -104.3 nmf 4.0	16.4 -499.5 -104.3 nmf 3.2	Equity Raised Debt Movements Other Financing Cashflow Net Chg in Cash/Debt Free Cashflow Balance Sheet Cash Receivables Inventories Inventories Intention Size Assets Intangibles Other Assets Payables Short Term Debt Long Term Debt Provisions Other Liabilities Total Liabilities Shareholders' Funds Minority Interests	m m m m m m m m m m m m m m m m m m m	0 -5,953 0 -28,920 61,843 90,763 2011A 458,573 30,256 55,856 10,637 118,581 0 140,064 813,967 448,727 0 22,775 0 0 471,502 333,172 0	0 -5,420 0 -26,383 41,433 67,816 2012E 505,427 28,020 56,041 10,637 141,134 0 163,310 904,569 420,307 0 17,773 0 0 438,080 457,195 0 9,294	-36,908 0 -5,221 0 -42,129 121,125 163,254 2013E 631,773 31,230 62,460 10,637 161,772 0 176,595 1,074,467 468,453 0 12,773 0 0 481,226 583,947 0 9,294	793,297 33,824 67,647 10,637 165,495 1,268,225 507,355 (5,853) (5,853) (738,807

Source: Company data, Macquarie Research, May 2011

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Coal India Macquarie Research

Important disclosures:

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

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).

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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Macquarie **Equities Research**





(852) 3922 5417

(813) 3512 6044

Asia Research

Head of Equity Research

John O'Connell (Global Co – Head)	(612) 8232 7544
David Rickards (Global Co – Head)	(44 20) 3037 4399
Chris Hunt (Asia – Head)	(852) 3922 1119
Tim Smart (Asia – Deputy Head)	(852) 3922 3565

Automobiles/Auto Parts

Leah Jiang (China)	(8621) 2412 9020
Linda Huang (Hong Kong)	(852) 3922 4068
Clive Wiggins (Japan)	(813) 3512 7856
Dan Lucas (Japan)	(813) 3512 6050
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Banks and Non-Bank Financials

Conglomerates

Leah Jiang (China)	(8621) 2412 9020
Alex Pomento (Philippines)	(632) 857 0899

Consumer and Gaming

Gary Pinge (Asia)	(852) 3922 3557
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Lyall Taylor (Indonesia)	(6221) 2598 8489
HongSuk Na (Korea)	(822) 3705 8678
Alex Pomento (Philippines)	(632) 857 0899
Amit Mishra (India)	(9122) 6720 4084
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)	(813) 3512 7853

Industrials

Janet Lewis (Asia)	(852) 3922 5417
Inderjeetsingh Bhatia (India)	(9122) 6720 4087
Linda Huang (Hong Kong)	(852) 3922 4068
Chang Han Joo (Korea)	(822) 3705 8511
Juwon Lee (Korea)	(822) 3705 8661
Sunaina Dhanuka (Malaysia)	(603) 2059 8993
David Gambrill (Thailand)	(662) 694 7753

Insurance

Scott Russell (Asia)	(852) 3922 3567
Chung Jun Yun (Korea)	(822) 2095 7222

Media and Internet

Jiong Shao (China, Hong Kong)	(852) 3922 3566
Steve Zhang (China, Hong Kong)	(852) 3922 3578
Prem Jearajasingam (Malaysia)	(603) 2059 8989
Alex Pomento (Philippines)	(632) 857 0899

Oil, Gas and Petrochemicals

(852) 3922 4068
(9122) 6720 4080
(813) 3512 7886
(822) 3705 8669
(603) 2059 8993
(662) 694 7829

Pharmaceuticals and Healthcare

Jonathan Hsu (Hong Kong)	(852) 3922 4625
Abhishek Singhal (India)	(9122) 6720 4086
Christina Lee (Korea)	(852) 3922 3571
Chinnarat Boonmahanark (Thailand)	(662) 694 7985

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
Chang Han Joo (Korea)	(822) 3705 8511
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 Mining

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)	(6221) 515 7340
Polina Diyachkina (Japan)	(813) 3512 7886
Chak Reungsinpinya (Thailand)	(662) 694 7982

Technology

Jeffrey Su (Asia)	(8862) 2734 7512
Stephen Chow (China, Hong Kong)	(852) 3922 3634
Lisa Soh (China)	(852) 3922 1401
Nitin Mohta (India)	(9122) 6720 4090
Damian Thong (Japan)	(813) 3512 7877
David Gibson (Japan)	(813) 3512 7880
George Chang (Japan)	(813) 3512 7854
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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

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Tim Smart (China)	(852) 3922 3565
Lisa Soh (China, Hong Kong)	(852) 3922 1401
Riaz Hyder (Indonesia)	(6221) 2598 8486
Nathan Ramler (Japan)	(813) 3512 7875
Prem Jearajasingam (Malaysia)	(603) 2059 8989
Joseph Quinn (Taiwan)	(8862) 2734 7519
Best Waiyanont (Thailand)	(662) 694 7993

Transport & Infrastructure

Janet Lewis (Asia, Japan)

Nicholas Cunningham (Japan)

Sunaina Dhanuka (Malaysia)	(603) 2059 8993
Utilities	
Adam Worthington (Asia)	(852) 3922 4626
Carol Cao (China, Hong Kong)	(852) 3922 4075
Jeff Evans (India)	(9122) 6720 4081
Ayako Mitsui Boston (Japan)	(813) 3512 7885
Prem Jearajasingam (Malaysia)	(603) 2059 8989
Alex Pomento (Philippines)	(632) 857 0899

Commodities

Jim Lennon	(4420) 3037 4271
Max Layton	(4420) 3037 4273
Jan Stuart	(1 212) 231 2485
Duncan Hobbs	(4420) 3037 4497
Bonnie Liu	(8621) 2412 9008
Graeme Train	(8621) 2412 9035
Rakesh Arora	(9122) 6720 4093

Data Services

Andrea Dailly (Asia)	(852) 3922 4076
Eric Yeung	(852) 3922 4077

Economics

Richard Jerram (Asia, Japan)	(65) 6601 0842
Philip McNicholas (ASEAN)	(65) 6601 0982
Richard Gibbs (Australia)	(612) 8232 3935
Paul Cavey (China)	(852) 3922 3570
Renee Chen (Hong Kong, Taiwan)	(852) 3922 3597

Quantitative / CPG

George Platt (Global)	(612) 8232 6539
Viking Kwok (Asia)	(852) 3922 4735
Burke Lau (Asia)	(852) 3922 5494
Patrick Hansen (Japan)	(813) 3512 7876
Ayumu Kuroda (Japan)	(813) 3512 7569
Simon Rigney (Japan)	(813) 3512 7872

Strategy/Country

Michael Kurtz (Asia)	(852) 3922 1403
John Woods (Asia)	(852) 3922 4636
Peter Eadon-Clarke (Asia, Japan)	(813) 3512 7850
Jiong Shao (China, Hong Kong)	(852) 3922 3566
Rakesh Arora (India)	(9122) 6720 4093
David Gibson (Japan)	(813) 3512 7880
Chan Hwang (Korea)	(822) 3705 8643
Kieran Calder (Malaysia)	(603) 2059 8992
Yeonzon Yeow (Malaysia)	(603) 2059 8982
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Asia Sales

Regional Heads of Sales

=	
Robin Black (Asia)	(852) 3922 2074
Chris Gray (ASEAN)	(65) 6601 0288
Peter Slater (Boston)	(1 617) 598 2502
Jeffrey Shiu (China & Hong Kong)	(852) 3922 2061
Thomas Renz (Geneva)	(41) 22 818 7712
Andrew Mouat (India)	(9122) 6720 4100
Kenneth Yap (Indonesia)	(6221) 515 1555
JJ Kim (Korea)	(822) 3705 8799
Jason Lee (Malaysia)	(603) 2059 8888
Chris Gould (Malaysia)	(603) 2059 8888
Gino C Rojas (Philippines)	(632) 857 0761
Greg Norton-Kidd (New York)	(1 212) 231 2527
Luke Sullivan (New York)	(1 212) 231 2507
Eric Roles (New York)	(1 212) 231 2559
Sheila Schroeder (San Francisco)	(1 415) 762 5001

Regional Heads of Sales cont'd

Miki Edelman (Taiwan)	(8862) 2734 7580
Angus Kent (Thailand)	(662) 694 7601
Michael Newman (Tokyo)	(813) 3512 7920
Angus Innes (UK/Europe)	(44) 20 3037 4841
Rob Fabbro (UK/Europe)	(44) 20 3037 4865
Sean Alexander (Generalist)	(852) 3922 2101

Regional Head of Distribution

(852) 3922 2065 Justin Crawford (Asia)

Sales Trading

Adam Zaki (Asia)	(852) 3922 2002
Yat Quan Tan (Hong Kong)	(852) 3922 2028
Phil Sellaroli (Japan)	(813) 3512 7837
Grace Lee (Korea)	(822) 3705 8601
Matthew Ryan (Singapore)	(65) 6601 0288

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
James Aitchison (Korea)	(822) 3705 9990
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
Futures - Tim Smith	(852) 3922 2113
Structured Products - Andrew Terlich	(852) 3022 2013