

Global Metals & Mining

Weekly Wrap-Up

- Thompson Creek Metals: Valuation ignoring strong balance sheet and leverage to rising moly prices (p-8)
- Gold & Precious Metals: Updating Price Targets Post Q1 Results (p-9)
- Coeur d'Alene, Pan American Silver and Silver Wheaton: Updating earnings estimates for the Q1 results (p-9)
- Arcelor Mittal: Capital Raise Sufficient; Upgrade to OW (p-10)
- Haynes International: Lowering EPS on further erosion in demand and pricing (p-10)
- Platinum Foresight: Strong rand blow to miners. Equities: LT value but vulnerable to weak EPS prints/macro setbacks. U/g NHM N to OW, AMS UW to N. D/g AQP N to UW. (p-13)
- Gold Sector Update: Revised gold price & exchange rate assumptions. Forecasts, valuations & investment arguments reviewed. Top stock picks ANG & GFI. (p-13)
- Klöckner & Co.: Reducing 2009 forecast but balance sheet improved (p-14)
- Salzgitter: Reducing 2009 estimates (p-15)
- JSW Steel: Remain on the sidelines (p-17)
- CSN: 1Q09 Results - Iron ore on track but steel driving negative performance (p-19)
- Brazilian Steels: Bye Bye Domestic Premium - Downgrading CSN to Neutral (p-19)
- Noranda Aluminum: Binary outcome, Maintaining Neutral – “Credit Research”(p-22)

Please refer to “Table 2: Most Recent Publications by the Global Metals and Mining Team” for the list of original publication dates.

Table 1: Top Global Metals Equity Picks

prices are in local terms unless otherwise indicated

JPM Rating	Company	Analyst	Primary Metal	Country	CCY	Price 14 May-09	Mkt. Cap (US\$ MM)	Fiscal Yr. End	EPS (Local)	
									09E	10E
OW	Alcoa	Gambardella	Aluminum	US	USD	8.74	8,515.17	Dec	-1.20	0.75
OW	Thompson Creek	Gambardella	Moly	US	USD	7.63	933.15	Dec	-0.02	0.50
OW	Nucor	Gambardella	Minimill	US	USD	39.40	12,381.71	Dec	-1.45	2.75
OW	Randgold Resources Ltd	Shepherd	Gold	UK	USD	60.22	4,617.03	Dec	0.76	1.78
OW	CONSOL Energy	Bridges	Coal	US	USD	35.83	6,472.26	Dec	4.30	5.50

Source: J.P. Morgan estimates, DataStream. Note: J.P. Morgan ratings: OW = Overweight; N = Neutral; and UW = Underweight

Metals & Mining

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Please see page 2 for our complete Global Metals & Mining team list.

See page 31 for analyst certification and important disclosures, including non-US analyst disclosures.

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The authors acknowledge the contribution of Sadhak Bindal of J.P. Morgan Services India Private Ltd., Mumbai, to this report

Recently Published Reports

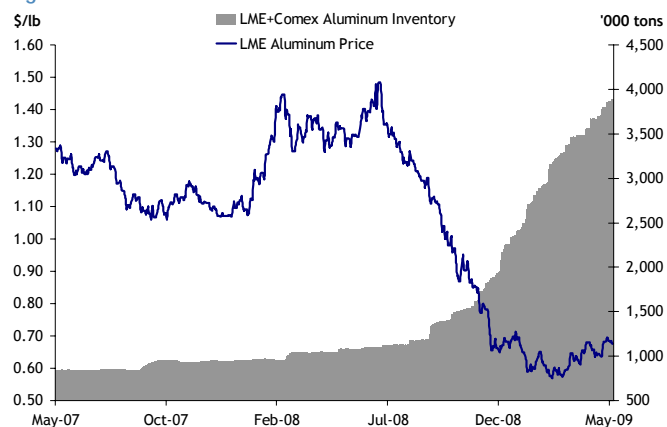
Table 2: Most Recent Publications by the Global Metals and Mining Team

Date Published	Analyst	Title	Pages
14-May-09	Largey	Klöckner & Co. : Reducing 2009 forecast but balance sheet improved	8
14-May-09	Bridges	Gold & Precious Metals : Updating Price Targets Post Q1 Results	20
14-May-09	Largey	Salzgitter : Reducing 2009 estimates	8
14-May-09	Angele	CSN : 1Q09 Results - Iron ore on track but steel driving negative performance	6
14-May-09	Shepherd	Platinum Foresight : Strong rand blow to miners. Equities: LT value but vulnerable to weak EPS prints/macro setbacks.	75
13-May-09	Angele	U/g NHM N to OW, AMS UW to N. D/g AQP N to UW - Corrected Note supersedes any previous versions	6
13-May-09	Angele	Usiminas : 1Q09 Results: Ouch	5
13-May-09	Bridges	Lupatech S.A. : Reorganizing liabilities after a weak quarter - ALERT	8
13-May-09	Shepherd	Coeur d'Alene, Pan American Silver and Silver Wheaton : Updating earnings estimates for the Q1 results	4
13-May-09	Gambardella	Eastern Platinum Ltd. : Unsurprising Q1 with costs well contained. Well positioned for economic recovery. - ALERT	23
13-May-09	Largey	Arcelor Mittal : Capital Raise Sufficient; Upgrade to OW	24
13-May-09	Cooke	ArcelorMittal : Capital raise sufficient; Upgrade to OW	39
13-May-09	Vlasov	Gold Sector Update : Revised gold price & exchange rate assumptions. Forecasts, valuations & investment arguments reviewed. Top stock picks ANG & GFI.	4
13-May-09	James	Severstal : 1Q09 IFRS results preview - ALERT	15
12-May-09	Bridges	Uranium Sector : You SWUs, U lose.	4
12-May-09	Juanda	Pan American Silver : Quick Q1'09: Growth slows for damage control - ALERT	11
12-May-09	Parekh	PT Indo Tambangraya Megah : Another strong quarter delivered; we raise our PT to Rp20,000	12
12-May-09	Bridges	JSW Steel : Remain on the sidelines	4
12-May-09	Parekh	Rentech Inc. : Quick Q2 FY09: Whoops, where'd the revenues go? - ALERT	4
12-May-09	Shepherd	Tata Steel Ltd : Debt shifting from Tata Steel UK to Tata Steel India continues - ALERT	5
12-May-09	George	Lonmin plc : 1H09 EPS at -USc50/sh. Costs to decrease in second half. - ALERT	7
12-May-09	Angele	Iluka Resources : Production delay for Murray Basin Stage 2	21
12-May-09	Bridges	Brazilian Steels : Bye Bye Domestic Premium - Downgrading CSN to Neutral	4
11-May-09	Parekh	Coal Industry M&A : Safety in Diversity; Alpha Buys Foundation - ALERT	4
11-May-09	Largey	Steel : No anti-dumping duties imposed as of now - Negative for Indian Steel Equities - ALERT	11
11-May-09	Bridges	Acerinox : Reducing 2009 Forecast Post 1Q	4
11-May-09	Bridges	Coeur d'Alene : Quick Q1'09: Kensington imminent - ALERT	4
11-May-09	George	Silver Wheaton : Quick Q1'09: Growth year ahead - ALERT	26
11-May-09	Gambardella	Resources Sector : Feelin' Groovy - Slow down, you move too fast, you've got to make the cycle last	7
10-May-09	Largey	Thompson Creek Metals : Valuation ignoring strong balance sheet and leverage to rising moly prices	11
8-May-09	Gambardella	ThyssenKrupp : F2Q Preview & Reducing F08/09 EBT Forecast	6
8-May-09	Bridges	Haynes International : Lowering EPS on further erosion in demand and pricing	5
8-May-09	Cooke	Stillwater Mining : Updating earnings estimates for Q1 results	5
8-May-09	Parekh	Harmony Gold Mining Co Ltd : Flat 3Q09 HEPS despite record gold price due to inventory build, balance sheet strengthened. - ALERT	4
8-May-09	Katz	Tata Steel Ltd : Teeside off-take agreement terminated- Negative - ALERT	10
8-May-09	Gambardella	Noranda Aluminum : Binary outcome, Maintaining Neutral	44
7-May-09	Bridges	Global Metals & Mining : Weekly Wrap-Up	9
7-May-09	Angele	Goldcorp Inc : Wrap Q1'09: Is the bottom in the share price?	7
7-May-09	Gambardella	Ternium : Is there a "Milton Friedman" in Chavez's heart?	1
7-May-09	Gambardella	Haynes International : FQ2 miss, conditions remain challenging	7
7-May-09	Gambardella	Gerdau Ameristeel : GNA Shining in a Difficult Market Environment	1
7-May-09	Bridges	Thompson Creek Metals : Solid Q1; Costs coming in lower than expected	4
7-May-09	Cooke	Goldcorp Inc : Quick Q1'09: Off to a strong start; positive - ALERT	5
7-May-09	Cooke	Gold Fields Ltd : 3Q09 EPS up on higher gold production & price. In line with lower guidance, outlook improving. - ALERT	5
7-May-09	Angele	Randgold Resources Ltd : March quarter costs disappoint. Outlook remains exciting - ALERT	7
7-May-09	Bridges	Gerdau S.A. : 1Q09 - Costs take their toll, but finally FCF positive - ALERT	4
7-May-09	Juanda	Barrick Gold : Pascua Lama gets the go-ahead: Persistence pays - ALERT	7
7-May-09	Gambardella	PT International Nickel Indonesia : 1Q09 potentially below expectation	1
7-May-09	Parekh	Gerdau Ameristeel : In-line 1Q results and limited guidance - Waiting for more color on the call	5
7-May-09	Bridges	JSW Steel : Disappointing earnings, strong guidance; wait for import tariff clarification - ALERT	4
7-May-09	Bridges	Stillwater Mining : Quick Q1'09: A strong start to skinny operations - ALERT	4

Source: Morgan Markets (J.P. Morgan)

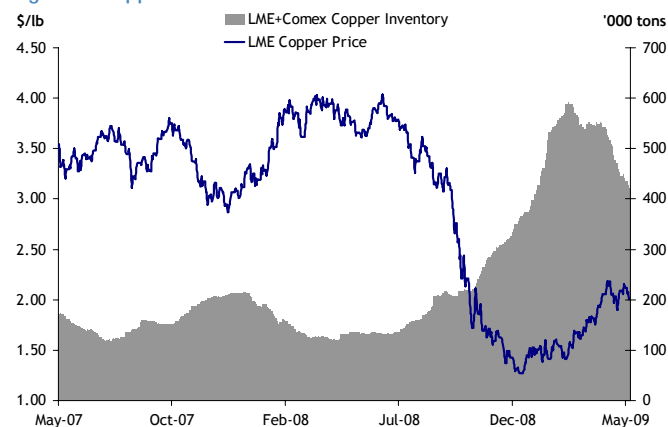
Metals Snapshot

Figure 1: Aluminum



Source: Bloomberg

Figure 2: Copper

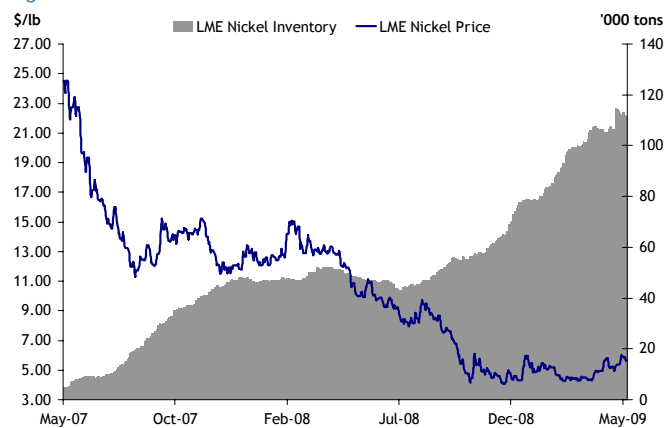


Source: Bloomberg

LME aluminum prices moved lower by 3% to \$0.68/lb while LME & COMEX inventories moved higher by 1% to 3,891kt for the week.

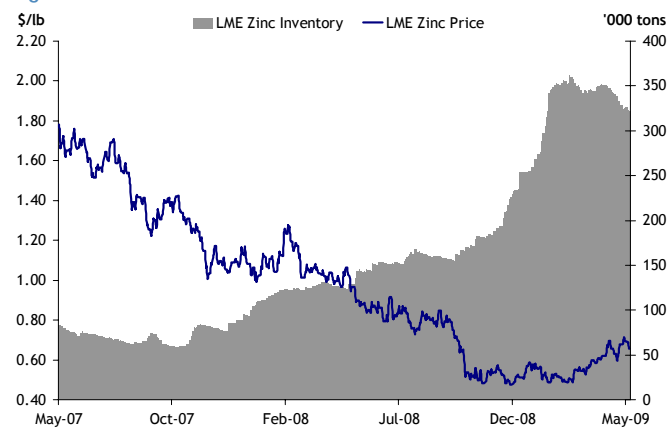
The LME copper moved higher by 6% to \$2.01/lb, while LME & COMEX inventories moved lower by 4% to 422kt for the week.

Figure 3: Nickel



Source: Bloomberg

Figure 4: Zinc



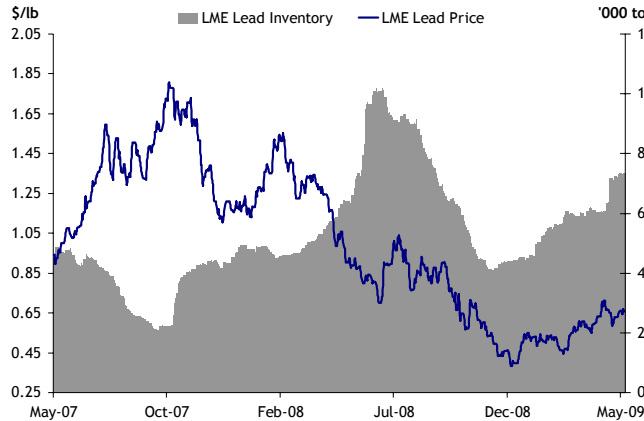
Source: Bloomberg

The LME nickel prices moved lower by 6% to \$5.61/lb, while inventories remained unchanged at 111,648 tonnes.

The LME zinc price moved lower by 7% to \$0.66/lb, while inventories moved lower by 1% to 322,025 tonnes.

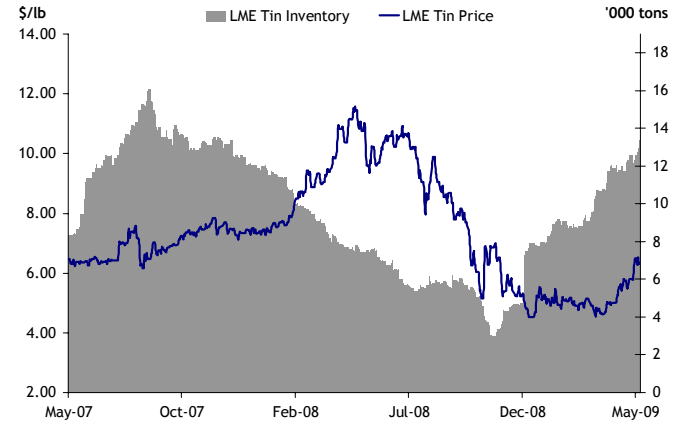
Metals Snapshot

Figure 5: Lead



Source: Bloomberg

Figure 6: Tin

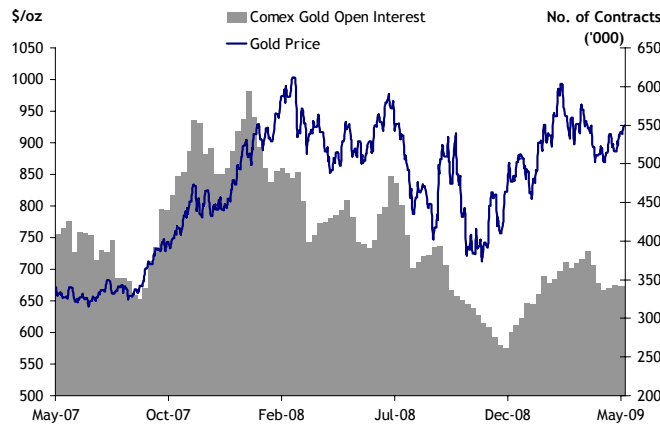


Source: Bloomberg

The LME lead price remained unchanged at \$0.66/lb, and inventories remained unchanged at 73,500 tonnes.

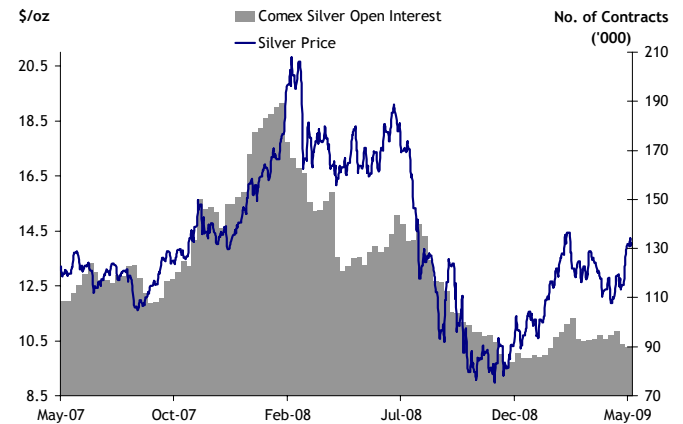
The LME tin price fell 1% to \$6.30/lb and inventories moved higher by 9% to 13.4kt.

Figure 7: Gold



Source: Bloomberg

Figure 8: Silver



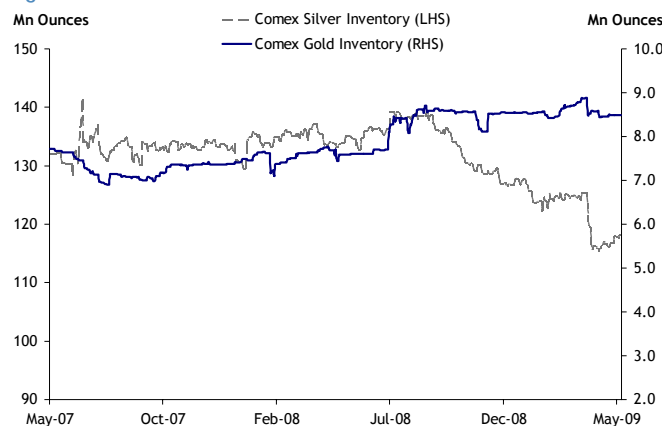
Source: Bloomberg

We remain positive on gold fundamentals driven by demand and supply. However, we believe the near term direction will be driven by the current financial crisis and Washington's actions.

Industrial weakness led to a sharp pullback in silver prices, which are now recovering. We expect silver prices to remain volatile and to move more in line with gold prices.

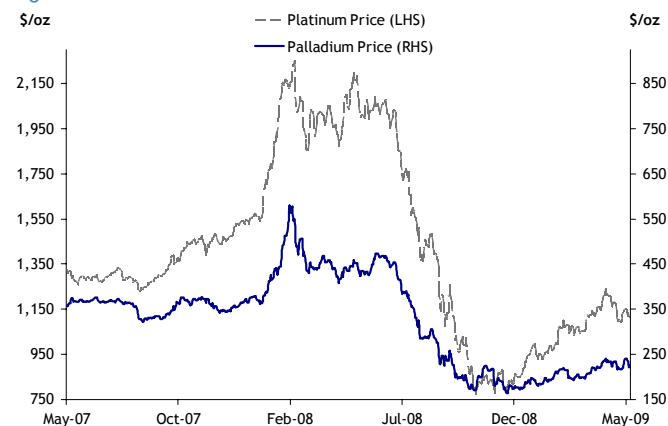
Metals Snapshot

Figure 9: Gold & Silver Inventories



Source: Bloomberg

Figure 10: PGMs



Source: Bloomberg

Are the recent declines in the Comex silver inventories suggesting a tighter silver market?

We see a bleak environment ahead for PGMs demand driven by extreme credit tightness. We think a supply-side response is badly needed to avoid a massive oversupply developing in 2009/10.

Table 3: Metal Performance & JPM Forecasts

Commodity	Price on 14 May-09	Week Ago	Week Chng %	30 Days Ago	30 Day Chng %	Price 01-Jan-08	YTD Chng %	YTD Avg	QTD Avg	JPM Forecasts		
										Q2 09E	2009E	2010E
Aluminum	0.68	0.69	-3%	0.67	1%	1.07	-37%	0.64	0.66	0.61	0.65	0.76
Copper	2.01	2.13	-6%	2.12	-5%	3.01	-33%	1.72	2.04	1.45	1.51	1.67
Nickel	5.61	6.00	-6%	5.33	5%	11.80	-52%	4.98	5.31	4.54	4.91	5.78
Zinc	0.66	0.71	-7%	0.64	3%	1.07	-39%	0.57	0.65	0.57	0.58	0.62
Lead	0.66	0.66	0%	0.67	-2%	1.15	-43%	0.56	0.64	0.52	0.53	0.58
Tin	6.30	6.36	-1%	5.03	25%	7.43	-15%	5.19	5.58	5.22	5.27	5.73
Silver	14.06	13.85	1%	12.77	10%	14.80	-5%	12.75	12.84	14.00	13.90	13.38
Gold	927	911	2%	891	4%	834	11%	907	896	950	960	950
Platinum	1115	1148	-3%	1210	-8%	1526	-27%	1,071	1,160	975	981	1138
Palladium	226	239	-6%	233	-3%	369	-39%	210	229	200	201	300
DXY Index	82	84	-2%	85	-3%	77	7%	85	85	-	-	-

Source: J.P. Morgan estimates, Bloomberg Note: All prices for in \$/lb, except for Gold, Silver & PGMs, which is in \$/oz

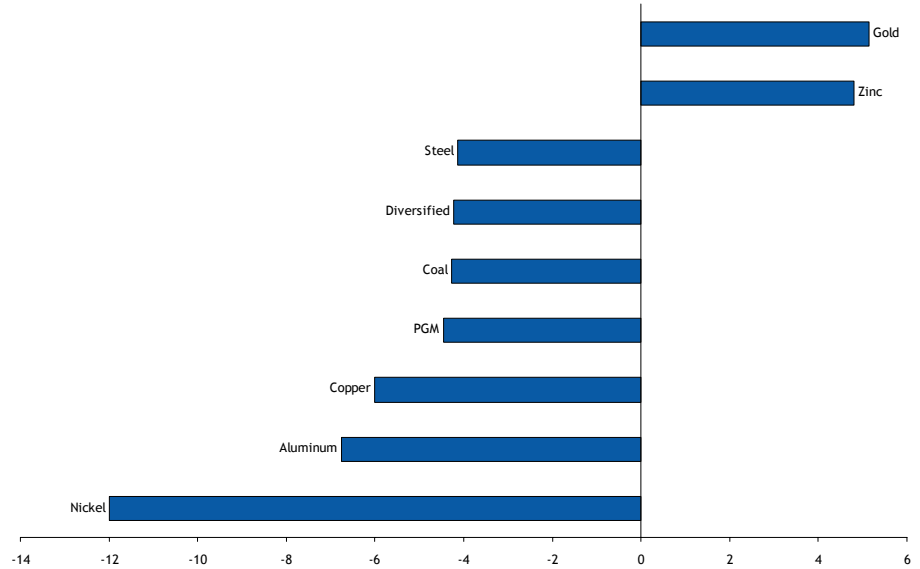
Table 4: Metal Inventories

Commodity	Inventory on 14 May-09	Week Ago	Week Change %	30 Days Ago	30 Day Change %	Inventory 01-Jan-08	YTD Change %
Aluminum	3,890,990	3,855,390	1%	3,661,940	6%	944,946	312%
Copper	422,204	441,197	-4%	538,686	-22%	212,439	99%
Nickel	111,648	112,068	0%	106,068	5%	47,946	133%
Zinc	322,025	325,225	-1%	351,500	-8%	89,150	261%
Lead	73,500	73,200	0%	60,800	21%	45,475	62%
Tin	13,405	12,340	9%	12,070	11%	12,100	11%
Silver	118,216	117,893	0%	115,673	2%	132,626	-11%
Gold	8,494	8,494	0%	8,580	-1%	7,375	15%

Source: Bloomberg. Note: Copper & Aluminum inventories are LME + Comex inventories in metric tonnes. Nickel, Zinc, Lead & Tin inventories are LME inventories in metric tonnes. Gold & Silver inventories are Comex inventories in '000 troy ounces

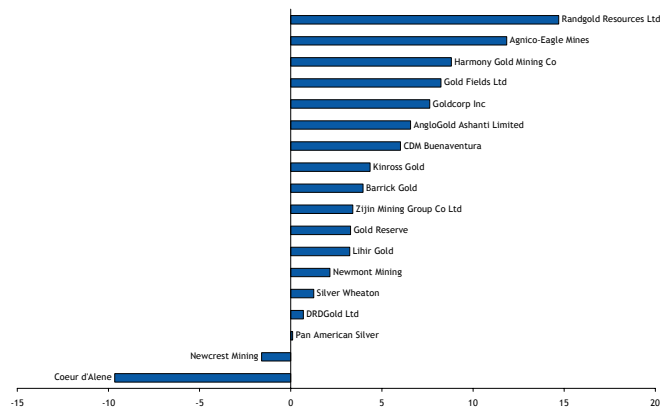
Global Movers and Shakers

Figure 11: Best and Worst Equity Performance by Metals Sector
 five-day market-cap weighted return of indexes (%), local



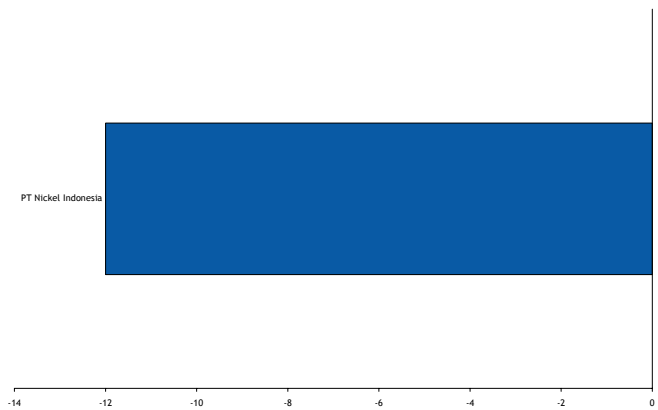
Source: DataStream

Figure 12: : Best Performance (Gold Sector)
 five-day return (%), local



Source: DataStream

Figure 13: Worst Performance (Nickel Sector)
 five-day return (%), local



Source: DataStream

Regional Publications for the Week

This note consists of excerpts from recently published research. For additional information on each stock's investment thesis, including valuation methodology and risks to price targets, please contact your salesperson, the covering analyst's team, or www.morganmarkets.com.

North America

Nonferrous Metals and Mining

Thompson Creek Metals: Valuation ignoring strong balance sheet and leverage to rising moly prices

- We are raising our 2009E EPS to reflect the flow-through of the Q1 beat and the company's success at reducing its average cash cost/lb, which we see as a significant accomplishment as it was achieved in an environment of declining production rates. While we are maintaining our 2010E EPS, we think our estimates are generally conservative from a volume, price, and cost perspective. TC currently trades at a 2010E EV/EBITDA of 5.4x, vs. an average of 8.0x for its North American mining peers. We think this discount is too steep, given the company's strong balance sheet (net cash of \$2/share or 25% of TC's market cap), which should enable the company to take advantage of opportunities created by the downturn while also making it an attractive potential target to others.
- Estimates remain conservative. We are raising our 2009E EPS to a loss of \$0.02 from a loss of \$0.17 to reflect the flow-through of the Q1 beat and reduction in the company's cash costs/lb at its mines. Our 2009 estimates assume cash costs/lb and volumes roughly in the mid-range of TC's guidance. We are maintaining our 2010E EPS of \$0.50, though we note that this estimate is, in our view, conservatively based on an average moly price of \$12.50/lb, total mine production of 27mm lbs (vs. the 22.1mm we are expecting in 2009), and cash costs/lb that are roughly in line with our 2009 estimates (though we would not be surprised to see these costs ease slightly with a pickup in production).
- Cost reductions drive solid Q1 results. TC reported 1Q EPS of \$0.09 vs. our estimate of (\$0.02) and consensus of (\$0.04). While Fx and taxes accounted for roughly \$0.06 of the beat vs. our numbers, both mines delivered better than expected results, particularly on the cost front. The company's average realized moly price of \$10.14/lb was also ahead of the market's \$8.94/lb in the quarter, with the difference reflecting TC's upgraded product sales and timing of those sales.
- Maintaining price target of \$10. We are maintaining our December 2009 price target of \$10 (which we raised earlier this week from \$7.50 to account for the recent increase in moly prices), which assumes a 7.2x multiple on our 2010 EBITDA. This multiple is roughly in line with TC's 2-year trailing average and at a discount to the 8.0x for its North American mining peers. The company currently trades at 5.4x our 2010E EBITDA. We think this discount is too steep given the company's strong balance sheet and solid organic growth potential.
(Michael F. Gambardella—New York)

Precious Metals

Gold & Precious Metals: Updating Price Targets Post Q1 Results

- With this note we are updating our Dec'09 target prices (based on our Black-Scholes Option Valuation Methodology) for the changes made to our financial models post Q1'09 results.
- The biggest increase in target prices comes in the large diversified gold majors, Barrick and Newmont. We are raising ABX's target price by 10%, from \$31 to \$34, as it broadly benefited from falling oil and other input costs and depreciation of resource currencies, across its asset-diversified portfolio. More clarity on the Pascua Lama project on the Chile/Argentina border also helped ABX. NEM's target price increases by 9%, from \$43 to \$47, as we have adjusted our cost estimates down at the Boddington project in Australia and at the Yanacocha mine in Peru. Changes at Yanacocha also lead to an increase in BVN's target price by 5%, from \$21 to \$22.
- Delays at Agnico's new mines hurt. AEM guided to higher costs and capex at its Kittila project in Finland and the Meadowbank property in Canada. This contributed to a 14% decrease in our AEM target price from \$51 to \$44. Other marginal adjustments to target prices include revising KGC from \$18 to \$17, GG from \$31 to \$30, PAAS from \$14 to \$13 and SLW from \$13 to \$12.
- Near-term headwinds possible, but we recommend all portfolios have some exposure to gold and gold equities. A broad equity market rally could make gold less attractive than mainstream industrial stocks for as long as the rally lasts. However, in the current times of financial uncertainty, we recommend all portfolios have some exposure to gold and gold equities. (*John Bridges—New York*)

Coeur d'Alene, Pan American Silver and Silver Wheaton: Updating earnings estimates for the Q1 results

- Coeur maintained its previous guidance of 20m silver ounces with 85,000 gold ounces for 2009. Palmarejo poured its first doré in March and is guiding to 5.3m silver ozs and 72k gold ozs in 2009 from this mine. San Bartolome in Bolivia has now reached its steady state. The Kensington case is still in the Supreme Court, and if Coeur is allowed to use its preferred tailings disposal site, the company would face limited extra cost to bring the mine back on stream as most of the cost of building the mine has been incurred. But if the court turns down the preferred tailings site, Coeur will have to restart the process of creating a new (more difficult) tailing site. Given Kensington's uncertainty, we maintain our Neutral rating on CDE.
- Pan American showing good cost control, but metal price environment remains tough. PAAS strengthened its financial structure with an additional \$103m of equity raise and plans to develop Orko Silver's La Preciosa silver project in Mexico, with a 55% participation. PAAS is also advancing its San Vicente expansion project in Bolivia. PAAS reported solvency issues at a Peruvian smelter that buys its copper concentrates, and this is expected to increase costs in the next few quarters as PAAS finds new smelters and negotiates new terms. After six months of operating in a difficult pricing environment, Pan American seems to be making progress at its operations with aggressive cost control. However, we will maintain our Underweight rating on PAAS till we see a more sustained turnaround in the base metal pricing environment.

- Silver Wheaton remains our most favored name to get silver exposure. The reported quarter was a bit behind our expectations due to a slow start from the new mines (Campo Morado, La Negra and Mineral Park) that are scheduled to come on stream this year. However, management is guiding to unchanged 2009 silver sales of 15-17moz. The stock offers an equity listed hybrid between a commodity investment and an investment in an operating miner. In addition, SLW's contract structure protects its income statement from higher input costs in a higher-inflation environment. Thus we maintain our Overweight on SLW.
- We include in this note our updated earnings estimates for these companies, adjusted for their Q1'09 quarterly reports. (*John Bridges—New York*)

Steel

Arcelor Mittal: Capital Raise Sufficient; Upgrade to OW

- Balance sheet fix trumps quality of earnings concerns; Upgrade to OW. We are upgrading shares of MT to OW from N as the recent \$4.0bn capital raise removes our main overriding concerns regarding the company's financial leverage and risk of a debt covenant violation. While we still view the \$4.4bn of write-downs taken by MT over the last two quarters as increasing future EBITDA, we believe the market will likely look past this quality of earnings issue and focus on MT as a way to play a global economic recovery. Our OW rating assumes that MT is able to execute on its \$2bn cost saving plan and \$3.5bn of working capital release.
- Reducing '09 & '10 EBITDA by 26% & 23%. We are lowering our 2Q EBITDA forecast to \$1.2bn after MT reported 1Q EBITDA of \$883m (JPMe \$1bn) or at the lower end of guidance and pointed to a weaker than expected 2Q EBITDA range of \$1.2bn-\$1.5bn. 1Q net losses included a \$1.2bn exceptional for inventory write-downs (\$4.4bn total of inventory write-downs in the last two quarters or \$65/tonne based on 2009e mill shipments) as well as a \$503m non-cash benefit to COGS from the 4Q 2008 unwind of a raw material currency hedge. The 2Q EBITDA benefit from that hedge should approximate \$100m-\$150m. We also reduce 2010 EBITDA to \$10.5bn on lower average steel selling price assumptions, although the 67% y/y increase highlights MT's sensitivity to even a gradual improvement in the global steel market.
- Increase Dec 2009 PT to \$37; 41% upside. While we took note that the Mittal family only partially participated in the recent \$3.2bn share offering, we believe MT's enhanced liquidity (\$17.2bn pro forma) is sufficient to meet its year end financial covenant as well as pay down 2009 and 2010 debt maturities of \$7.3bn (assuming \$5bn of debt rolled over). By removing the balance sheet overhang, we believe MT's stock has shifted focus from the downside risk to its upside potential given its leverage to the steel cycle and as an early cycle play. We estimate MT trades at a 2010 EV/EBITDA multiple of 6.3x, or at a 16% discount to our target multiple of 7.5x (long-term trailing historical average multiple) which we view as appropriate now that the balance sheet is improved and MT is now positioned for an eventual steel market recovery. (*Michael F. Gambardella—New York*)

Haynes International: Lowering EPS on further erosion in demand and pricing

- We are lowering our F2009E EPS to reflect the continued erosion in end market demand for the company, the resulting impact on fixed cost absorption of weakening volumes, and still elevated levels of competition. That said, HAYN's focus on cost reductions, productivity initiatives and clean balance sheet should

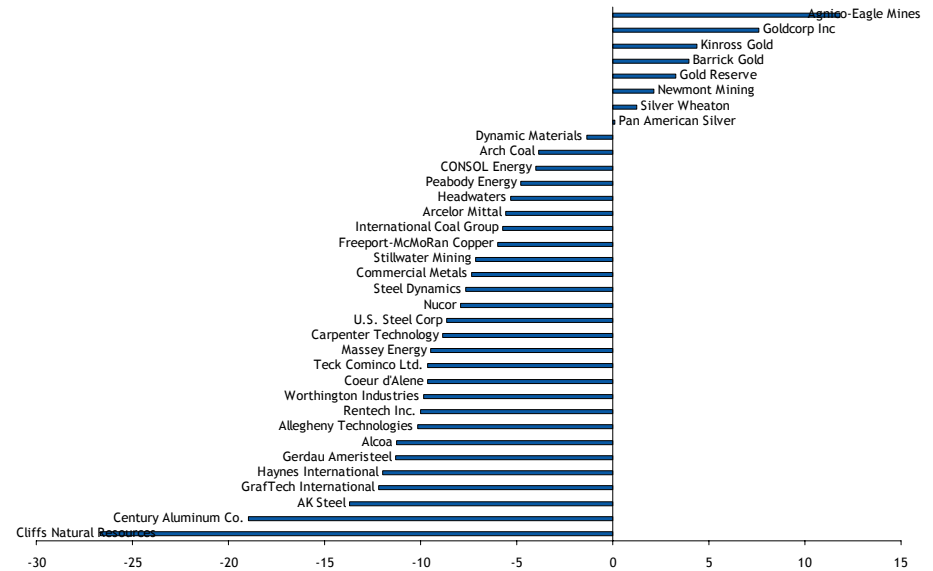
serve it well in the current downturn and give it increased leverage to the eventual upturn.

- Lowering EPS for continued erosion in demand. We are lowering our F2009E EPS to \$0.24 from \$1.30 to reflect HAYN's expectation for shipments and pricing to decline sequentially over the next several quarters, while we had previously viewed F2Q as a bottom. We think Q3 should be the weakest quarter (we are looking for a loss of \$0.15), as HAYN will still have to work off elevated raw material costs. We expect FQ4 to be marginally profitable, as a better alignment of selling prices and costs combined with cost reduction efforts should allow it to offset anemic prices and volumes. We are introducing a F2010E EPS of \$2.00, which assumes a pick-up in demand and margins throughout the year, though much more heavily weighted towards the back half.
- F2Q miss on costs. HAYN reported clean F2Q09 EPS of \$0.00 (excluding a goodwill impairment charge of \$3.58) vs. our estimate of \$0.15 and consensus of \$0.13. Revenues were roughly in line, with greater-than-expected shipments offsetting a steeper-than-anticipated drop in HAYN's average selling price (driven by increased competition and declining surcharges). Gross margin in the quarter of 5.8% was below our estimate of 11.1%, as the flow-through of higher cost raw materials and lower fixed cost absorption weighed more heavily than we had expected.
- Raising price target to \$23.50. To account for our new 2010 estimates, we are raising our December 2009 target price to \$23.50 from \$16.50, which assumes a 5.2x EBITDA multiple on our F2010 estimate (previously used F2009 estimate) – a discount to its average over the past two years of 6.1x. We think a discount is appropriate given the company's expectation for conditions to remain challenging throughout the remainder of the year (and potentially longer) and limited visibility on the timing of a turnaround. HAYN is currently trading at a F2010E EV/EBITDA multiple of 4.7x. *(Michael F. Gambardella—New York)*

Leaders and Laggards: North America

Figure 14: Five-Day Performance

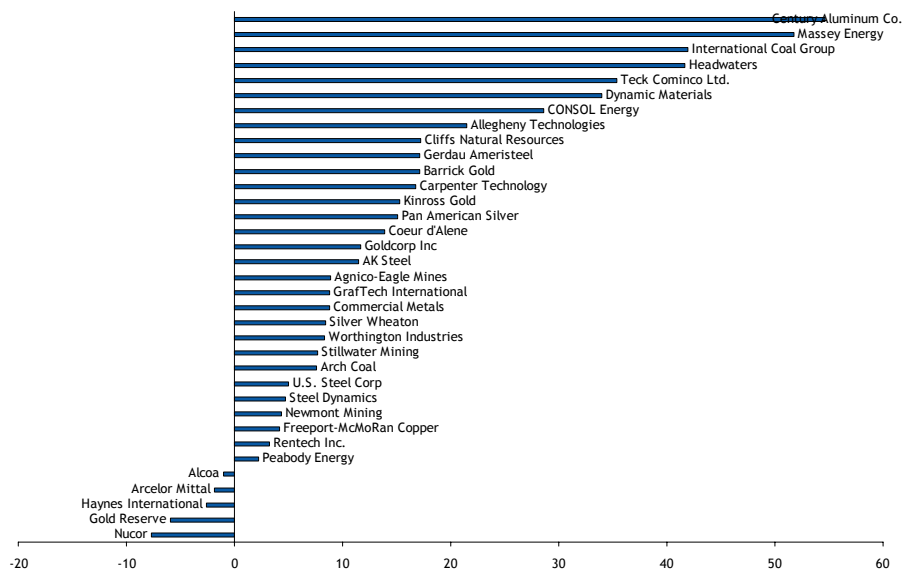
five-day return (%), local



Source: DataStream

Figure 15: 30-Day Performance

30-day return (%), local



Source: DataStream

Europe/Africa

Precious Metals

Platinum Foresight: Strong rand blow to miners. Equities: LT value but vulnerable to weak EPS prints/macro setbacks. U/g NHM N to OW, AMS UW to N. D/g AQP N to UW.

- Correcting labels on Figures 8, 9 and 10.
- Schizophrenic platinum. In our March 9 Sector Update we highlighted two distinctly different demand characteristics for Pt (industrial & precious) - we concluded its precious persona would dominate and adjusted our negative view on the sector – we now consider it fairly valued. Due to strong investor and Chinese jewellery demand, the platinum price did firm (c10%). But the dominant “hard” demand spaces - autocatalyst (c50% of demand) and other industrial apps (c20%) - remain weak. Downstream, end-user inventory adjustment (automakers) seem inevitable as markets bottom and cause ST sentiment/demand gyrations - we focus on the underlying macro picture for sustainable demand growth and continue to consider how long it will take traumatised consumers to return to big-ticket discretionary purchases such as vehicles - while trying to account for the artificial impact of state-sponsored (temporary) inducements like vehicle-scrapping incentives. We examine the likely impact of scrapping incentives in Appendix II of this note – and highlight the risk of “live now, pay later”.
- Mine supply of PGMs from SA is likely to surpass 2008's levels, despite producer interventions (updated supply/demand analysis in Appendix I). In 2009, we expect AMS to deliver a little more than last year; IMP group & LMI about the same; AQP less and NHM more. A handful of new entrants/juniors will either deliver more, or begin to deliver for the first time during this year, increasing into 2010.
- Pt equities starting to price recovery while the rand has strengthened markedly. We examine a broader range of metrics than usual in an attempt to better understand value – our analysis suggests the market is looking 2-3yrs ahead for current prices to be justified. So we think the sector is vulnerable to setbacks in the global recovery “story”. We see LT value but we'd be more positive at a cheaper entry point.
- We upgrade AngloPlat from UW to N on early signs of improved costs control and restructuring, and valuation considerations. We also upgrade NHM from N to OW, and downgrade AQP from N to UW; both on valuation grounds (all sector-relative ratings). (*Steve Shepherd and Allan Cooke —Johannesburg*)

Gold Sector Update: Revised gold price & exchange rate assumptions. Forecasts, valuations & investment arguments reviewed. Top stock picks ANG & GFI.

- We've revised our gold price and exchange rate assumptions and taken account of the latest quarterly company disclosures to revise our forecasts, valuations, price targets, investment arguments and ratings for the gold shares we cover. We've also revised our LT SA cost inflation assumption to 7.6% (4.5%) and our LT gold price assumption to \$850/oz (\$750/oz). Our stronger rand/dollar forecast, tempered near-term gold price forecast and higher SA cost inflation assumptions have combined to lower our earnings forecasts and DCF valuations. Consequently we've revised lower our price targets across the sector and highlight as particular near-term risks the stronger rand/dollar exchange rate and

the imminent SA wage negotiations. Our stock picks remain AngloGold Ashanti (OW), 6m DCF-based PT R356/sh (R386/sh) and Gold Fields (OW), DCF-based 6m PT R123/sh (R144/sh).

- The rand gold price traded at a record high of R327,600/kg in February and has subsequently fallen to R247,500/kg on the back of a stronger rand/dollar exchange rate. Relative to our base case valuations, we've seen the reemergence of P/NPV multiples as the shares have tracked more closely the rand gold price in 2009 and they're currently trading nearer parity with our revised DCF valuations on a spot basis. Although we see further upside in SA gold shares (c17%), the sector is trading in line with spot DCF values, having gained some 75% from lows posted in October last year.
- Highlights: AngloGold Ashanti has solved its ST financing issues with the sale of its 33% stake in Boddington for c\$1.3bn, Gold Fields is recovering operationally in SA off a low base and Harmony has bolstered its balance sheet ahead of the group's R1.7bn convertible bond redemption later this month by issuing 18m new shares to raise R1.9bn. SA gold share prices have responded positively to improving free cash flows so we see less upside on our revised assumptions. Key risks to our view include changes in the gold price, the R/\$ exchange rate, safety-related production losses and production, costs and capex outcomes different to our forecasts. (*Allan Cooke and Steve Shepherd —Johannesburg*)

Steel

Klöckner & Co.: Reducing 2009 forecast but balance sheet improved

- Reducing 2009 EBITDA forecast. We are lowering our FY2009 EBITDA and EPS forecasts to -€143 million (from €0 million) and -€3.85 (from -€0.67). KCO reported weak 1Q 2009 earnings due to lower than expected shipment volumes and weak average revenue per tonne. While we believe KCO should see a sequential improvement in 2Q earnings (primarily due to a stabilization in demand and a deceleration in the fall of steel prices), we still forecast a meaningful EBITDA loss of -€5 million in the quarter.
- Steel volumes finding a bottom. While we believe 2Q 2009 will remain challenging for KCO, we sense that steel demand is experiencing signs of stabilization in 1H 2009 and the EBITDA profile for KCO should continue to improve going forward. KCO management reinforced the view that steel demand appears to be near a bottom although there is a clear differentiation between products, with long products undergoing stabilization yet steel plate still deteriorating.
- Balance sheet set to weather the downturn. KCO's net financial debt continues to decline reaching €22m at quarter end and it now stands at €270 million as of May 14 (from a peak of €1.07bn at the end of 3Q 2008). The net debt reduction was driven by de-stocking and led to large release of working capital (~€400m) in 1Q. We forecast another €100m of working capital release. KCO has also completed a restructuring of its financing to better align its future cash requirements with its operations and KCO has successfully negotiated a switch from performance based financial covenants (net debt < 3x LTM EBITDA) to a balance sheet based covenants (net debt < 1.5x equity).
- Remain Neutral. While we are encouraged by management's proactive nature in addressing the downturn and balance sheet improvements, we believe shares of KCO are already pricing in a return to profitability in 2010. Our Dec 2009 DCF and multiples-based PT rises to €1 (due to a lower WACC) but unless we

experience a robust recovery in steel prices (not our base case) we expect shares of KCO to trade in line with our European steel coverage universe. (*Jeff Largey—London*)

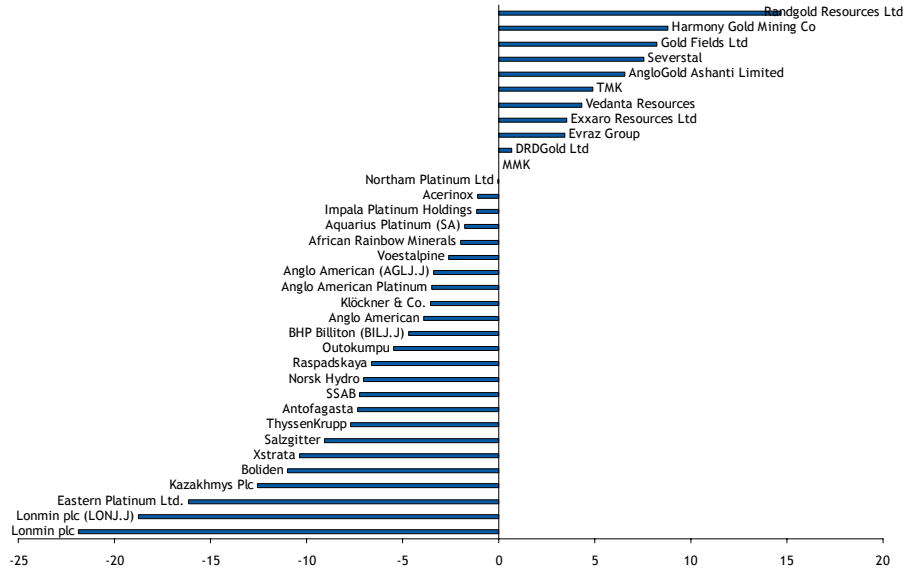
Salzgitter: Reducing 2009 estimates

- Reducing 2009 forecast. We are lowering our 2009 EBT and EPS forecasts for SZG to -€169 million and -€2.03, respectively, after the company reaffirmed an EBT loss for 1H and only a chance at breakeven for the full year. We expect 2Q EBT to be similar to 1Q as depressed shipments, lower steel prices and high raw material costs accentuate the margin squeeze in the Steel division. We expect only the Tubes division to record positive earnings in 2Q as the backlog for large diameter pipes underpins divisional EBT.
- Balance sheet remains strong. We believe SZG continues to have the strongest balance sheet in the European steel industry with a net cash position of €1.1 billion at the end of March 2009 (up from €850 million at the end of December 2008). Management has indicated it has no intention to use its "war chest" to make acquisitions in 2009 as SZG will have substantial capex requirements through 2009 and 2010 and management prefers to remain conservative.
- Steel demand bottom forming. Like other steel management teams in recent days, SZG believes steel demand in Europe appears to be stabilizing albeit at weak levels. We agree that the worst (as far as demand) is probably past but we question whether steel demand in 2H will merit capacity utilization rates above 70% (a possibility outlined by management in their outlook statement).
- Remain Neutral; increasing Dec-09 PT to €55 (from €40). We estimate SZG trades at a 2010 EV/EBITDA multiple of 4.3x. which, in our opinion, appropriately prices in a return to profitability in 2010. Given SZG's strong balance sheet and leverage to the cycle, we would become more constructive if our conviction regarding the strength of the European steel market recovery were to grow. Reiterate Neutral. (*Jeff Largey—London*)

Leaders and Laggards: Europe/Africa

Figure 16: Five-day Performance

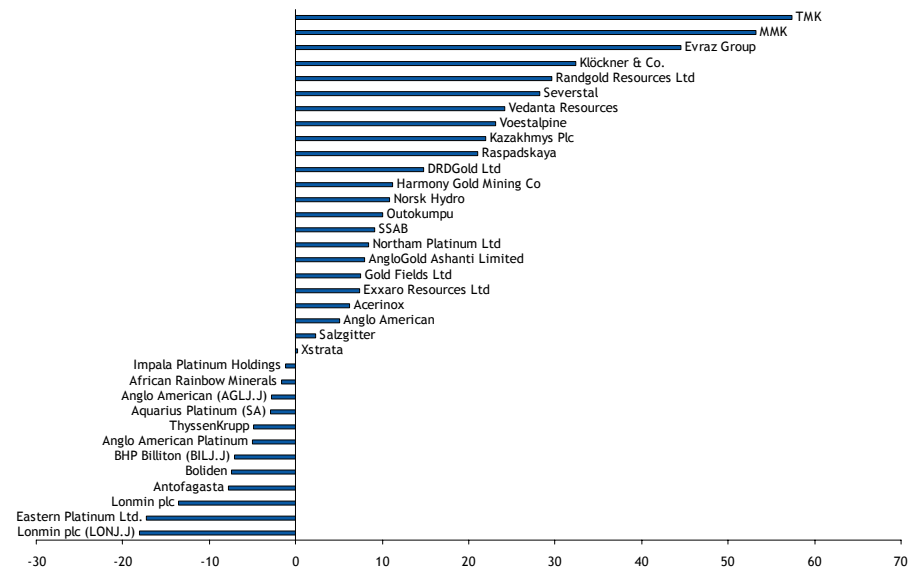
five-day return (%), local



Source: DataStream

Figure 17: 30-Day Performance

30-day return (%), local



Source: DataStream

Asia/Australia

Steel

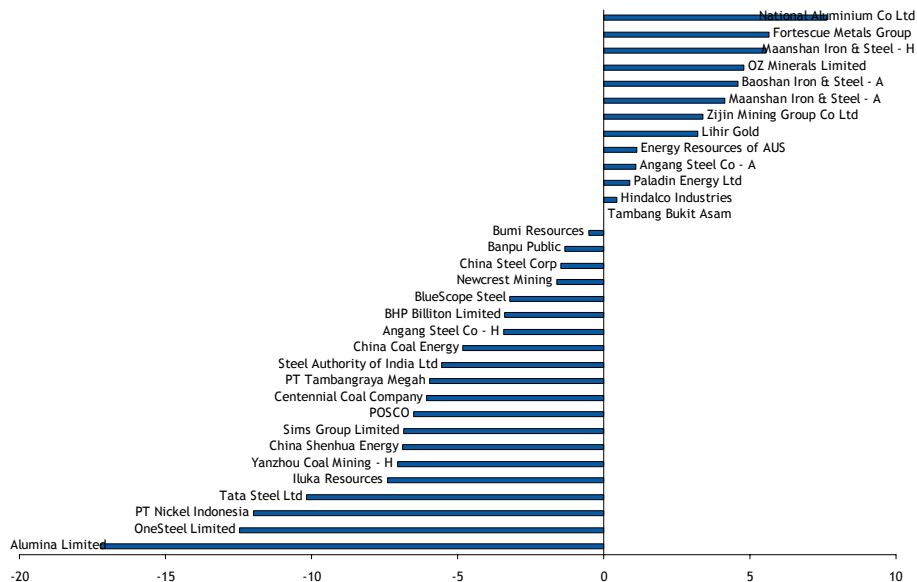
JSW Steel: Remain on the sidelines

- Domestic operating environment improves..... While no anti dumping duties have been imposed on steel for now, domestic operating environment for Indian steel companies has improved. We do not see a material threat from cheaper steel imports for domestic pricing, but believe increased supply from domestic players (driven both by capacity restarts and new capacity addition) should result in restrained profitability for Indian steel companies. Exports remain a tough option given competition from CIS and China. While we broadly maintain our EBITDA/MT assumptions for JSW, we slightly increase our volume assumptions (it remains below company guidance).
-however, US deteriorates: We continue to expect the US mill to be a drag on overall performance and we build in modest EBITDA losses over FY10E. We continue to see little spending on the raw material integration projects overseas.
- While leverage to remain high, focus on capex for FY11E: We build in capex of Rs27bn in FY10E and do not see material cash constraint this year. While JSW has deferred the 3MT expansion to FY11E end, we now expect spending to materially increase from this project in FY10E (Rs55bn). We do not expect a material improvement in steel pricing environment in FY11E, and hence expect adjusted leverage to increase in FY11E (after falling in FY10E) to 2.1x. We do not rule out capital raising by the company to reduce leverage.
- Why Neutral and not Underweight?: We like JSW's operating profile in terms of product range across flats and longs, very low cost of conversion, and locational advantage, all of which translate into a strong and competitive position in the domestic market. At our PT, stock would trade at a P/B of 0.9x, which would be at the lower end of global steel stocks, hence we remain Neutral.
- Key risks to target price, rating: Key upside risks to our upwardly revised Mar-10 target price of Rs360 are a) steep anti dumping duty imposition; b) asset sales which would reduce leverage; c) further postponement of the 3MT expansion which should reduce gearing and cash flow stress in FY11E. Key downside risk is mainly sharp deterioration in domestic steel demand. (*Pinakin Parekh—Mumbai*)

Leaders and Laggards: Asia/Australia

Figure 18: Five-day Performance

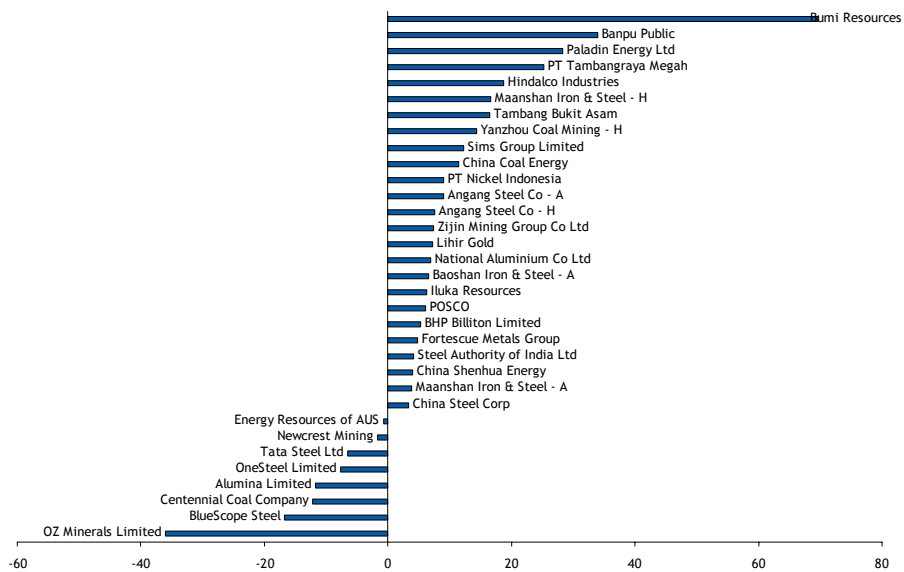
five-day return (%), local



Source: DataStream

Figure 19: 30-Day Performance

30-day return (%), local



Source: DataStream

Latin America

Steel

CSN: 1Q09 Results - Iron ore on track but steel driving negative performance

- CSN reported 1Q09 EBITDA at R\$683M, 55% below 4Q08 and 40% lower vs. JPMe and consensus estimates of R\$1.1B. The poor results were primarily driven by worse than expected performance on its steel business. Iron ore shipments were in line and the main positive. We expect a negative reaction on the back of very weak results.
- Steel business drives poor 1Q09 performance as shipments plummet. CSN reported revenues of R\$2.4B, 28% lower q/q and 15% below our estimate of R\$2.9B mainly driven by weaker steel segment performance. Steel shipments reached 642kt, 29% lower q/q and 19% below JPMe, reflecting a sharper than expected decline in the domestic demand (domestic shipments 24% below JPMe). Prices were better than expected due to a richer product mix, but not nearly enough to offset the demand weakness. Costs disappointed too, mainly as a result of lower capacity utilization, as steel cash costs/tonne reached R\$1,530, 38% higher vs. JPMe R\$1,110, pulling EBITDA down further.
- Mining business on track. Iron ore shipments picked up in 1Q09 and reached 5.4Mt, roughly in line with our estimate of 5.6Mt, mainly driven by a rebound in exports that reached a record of 4.9Mt, 26% higher q/q. However, we believe the company likely sold more volumes at a discount, as mining revenues were 18% shy of our estimates. Going forward, we expect CSN's iron ore volumes to increase throughout 2009, which should protect its earnings from potentially weaker steel demand.
- Working capital and net debt increase in 1Q09. CSN was not able to mitigate the effects of a poor operating performance by lowering working capital. Net debt excluding the operating liability related to the sale of Namisa reached R\$2.8B, up 16% from previous quarter. Finally, the equity return swap transaction yielded R\$200M in gains in the quarter as CSN's share price appreciated in the period.
- Reiterate Neutral. After a strong outperformance YTD, we now believe CSN's shares are fairly valued – currently trades at 9.6x and 6.8x '09e and '10e adjusted EBITDA, in line with peers average of 9.9x and 6.6x, respectively. Iron ore volumes should increase throughout the year, but we believe the steel business will continue to hamper the company's performance, and as such, we reiterate our Neutral rating.
- Conference call details: Thursday, May 14, at 1:00 p.m. (NYT) for Portuguese and 3:00 p.m. (NYT) for English. Dial in: +55 11 2188 0188 (Code CSN) / +1 973 935 8893 (Code 99616557). (*Rodolfo Angele—Sao Paulo*)

Brazilian Steels: Bye Bye Domestic Premium - Downgrading CSN to Neutral

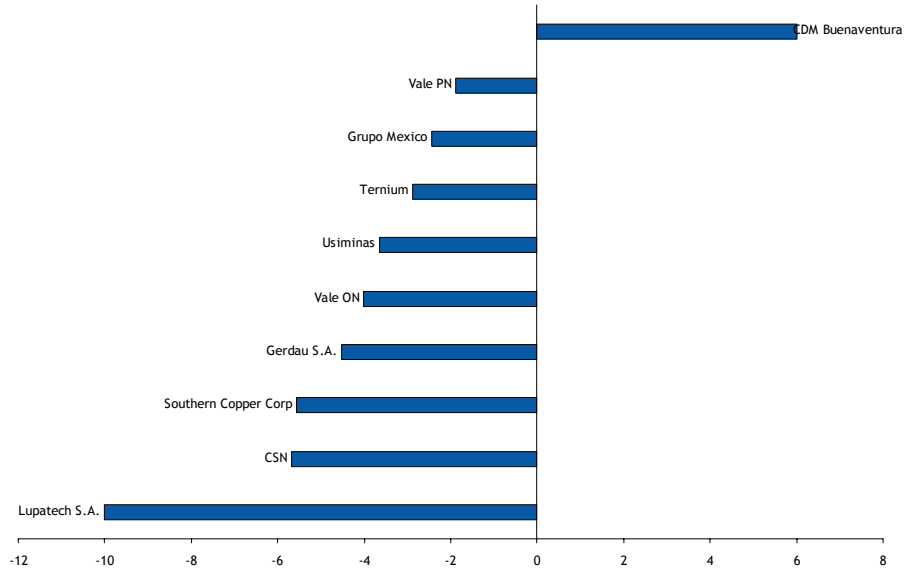
- Continue cautious, especially toward Brazilian flat steels. We continue to recommend being underweight steel stocks and believe that the recent run-up in share prices anticipates any potential improvements that we may see in the near future. Short-term fundamentals remain challenging, driven by (1) low end demand, (2) excess capacity, and (3) pricing pressures exacerbated by cheap exports from low-cost producing countries. We urge investors to be very selective and long only strong bottom-up stories.

- Steel prices unusually high in Brazil – it is a matter of time until they come back to normal. Considering that flat steel prices already declined up to ~15% in 1Q09, we estimate that current domestic HRC steel prices in Brazil are still at ~76% premium to the international benchmark HRC prices (~\$470/tonne). The premium is unusually high compared to historical levels of 15-35%, which we believe is due to the effect of lack of credit and cash hoarding. However, as credit and demand levels recover, we believe prices will inevitably trend downward, bringing the domestic price premiums to a more reasonable range of \$125-150/t. This implies additional price cuts of ~25%, which we have incorporated in our models.
- Downgrading CSN to Neutral after strong outperformance. CSN has outperformed its peers (up 67% vs. 54% for USI and 34% for GGB) since the beginning of the year. Given its large and increasing exposure to iron ore, CSN's earnings should be most resilient among the Brazilian steel companies, despite an even weaker outlook for steel demand. We are adjusting our numbers downward for proportional consolidation of Namisa (60%, vs. 100% earlier) and weaker steel shipments, and revise our Dec-09 price target to \$23.0 per ADR (vs. \$24.1 earlier), which implies 7% upside potential.
- Usiminas – remain Underweight. We are lowering our PT to R\$28.5 per share (vs. R\$41.2 earlier) mainly driven by (1) lower prices in Brazil, (2) weaker end demand (esp. from auto sector), and (3) depressed volumes that should push costs of the integrated steelmaking structure higher. 2009 is shaping up to be worse than our expectations, and we expect Usiminas to report 14% EBITDA margins in 1Q09. Usiminas remains the most expensive name on EV/EBITDA multiples and currently trades at 12.6x and 7.2x '09e and '10e EBITDA, vs Latam peer averages of 10.4x and 6.9x, respectively. (*Rodolfo Angele—Sao Paulo*)

Leaders and Laggards: Latin America

Figure 20: Five-Day Performance

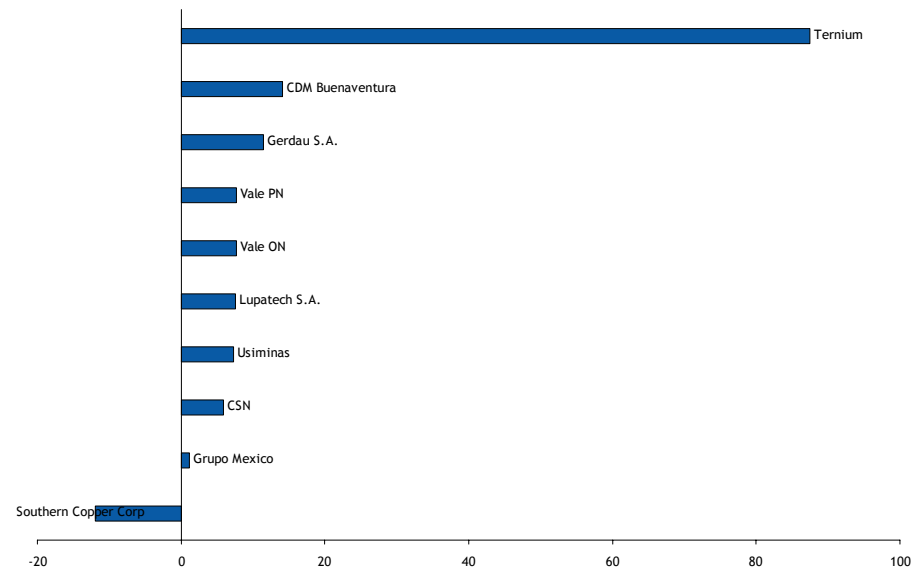
five-day return (%), local



Source: DataStream

Figure 21: 30-Day Performance

30-day return (%), local



Source: DataStream

Metals & Mining – Credit Research

Nonferrous Metals and Mining

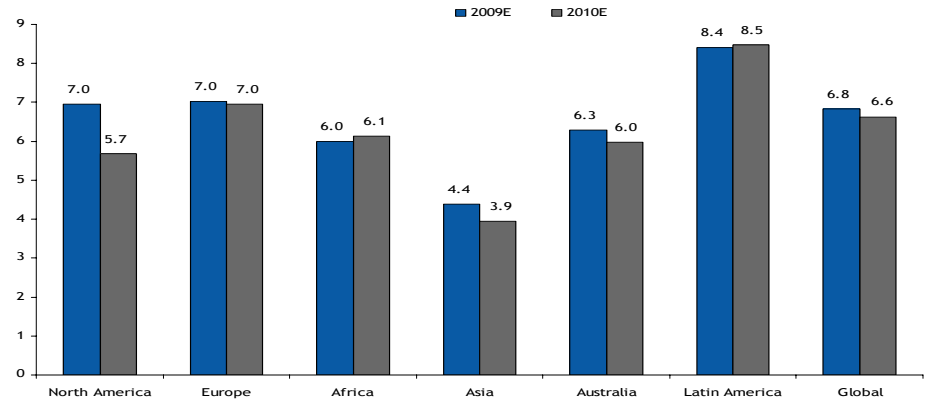
Metals and Mining notes from J.P. Morgan's US Credit Research

Noranda Aluminum: Binary outcome, Maintaining Neutral – “Credit Research”

- While we now think it is very likely that Noranda has enough liquidity to survive through the smelter restart, we still believe the company's likelihood of success is truly binary. Essentially, we believe an investment in the credit is equivalent to a call option on aluminum prices.
- Although it appears more likely that the company fully recovers its insurance claim, it is still uncertain. We also note that the company changed the language relating to its insurance recovery, implying that the costs of the smelter repair may exceed the company's \$77 million claim.
- The company's assets, while in the third quartile of the cost curve, are unlikely to be highly valued in this environment. Given present aluminum prices and the shape of the forward curve (surprisingly unchanged from the beginning of the year), all-time high LME aluminum inventories, weak end markets and the high number of North American smelters which remain idled, we do not believe that the company's assets would be attractive in the current environment even post a full-smelter restart.
- The company repurchased \$206 million face value of debt during the quarter, we estimate \$74 million of which was repurchased after the 4Q08 conference call. The \$74 million repurchase consisted of \$16 million HoldCo notes and \$58 million OpCo notes, all repurchased at a remarkably low average price of 24. Given the company's recent bank amendment that allows it to repurchase the bank debt at a discount, we would expect further repurchases.
- We forecast the company ends 2009 with net OpCo leverage of 13.5x. We estimate this drops to 6.3x by the end of 2010 and anticipate it moves to 2.4x by the end of 2010. We anticipate liquidity bottoms at a still very healthy \$165 million in 1Q10 (absent intra-quarter working capital swings).
- However, these assumptions are highly dependent on our aluminum price assumptions. A true valuation of the earnings power of the company should be done excluding the benefit from hedges, in our view. Absent the benefit of hedges, in the event aluminum prices remained at about \$0.70/lb., net leverage through the OpCo would be about 24.4x. At \$0.90/lb., net leverage through the OpCo would be 5.9x and at \$1.10/lb., net leverage would be 3.1x.
- The sensitivity of leverage to aluminum prices is surprising. Without a clear indication that LME prices are going to continue to rise, we still believe the safest course of action is to sit on the sidelines waiting for more data. Although we believe the company's earning potential has improved, we are maintaining our Neutral on the credit. *(Dave Katz—New York)*

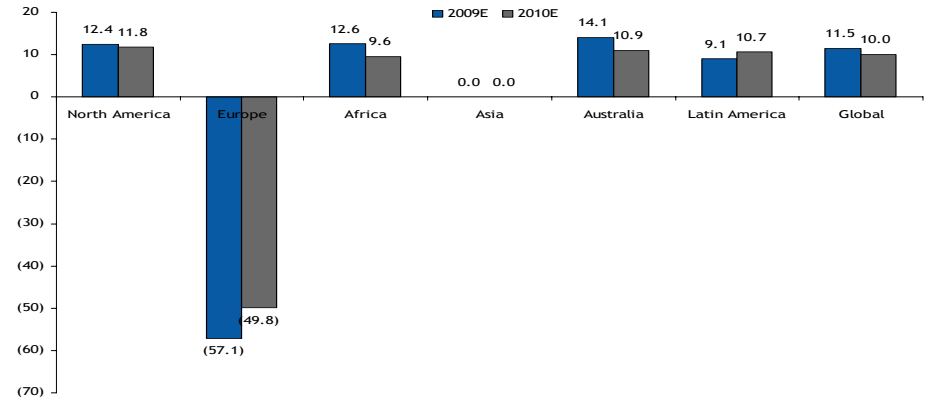
Global Metals & Mining Valuation by Sector

Figure 22: Non-ferrous Metals and Mining FV/EBITDA



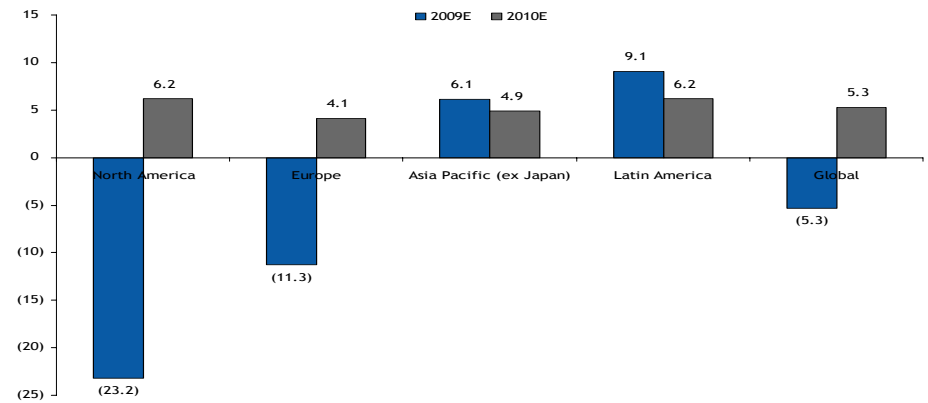
Source: J.P. Morgan estimates

Figure 23: Precious Metals FV/EBITDA



Source: J.P. Morgan estimates

Figure 24: Steel FV/EBITDA



Source: J.P. Morgan estimates

J.P. Morgan Global Metals & Mining Coverage and Valuation Table

JPM Rating	Company	Bloomberg Ticker	Country	CCY	Analyst	Price Local 14May-09	52-Wk (local)		Local Returns (%)				USD (%)		Mkt. Cap. (US\$MM)	Fiscal Yr-end	EPS (Local) (Calendarised)		P/E (Calendarised)		FV/EBITDA (Calendarised)		Net Debt / Capital	EBITDA Margin
							High	Low	1 Wk	1 Mo	1 Yr	YTD	YTD	Yr-end			09E	10E	09E	10E	09E	10E		
Non-ferrous Metals & Mining																								
North America																								
OW	Alcoa	AA US	US	USD	Gambardella	8.74	44.59	5.22	-11.3	-1.0	-79.2	-22.4	-22.4	8,515	Dec	(1.20)	0.75	NM	11.7	NM	6.5	73%	0.2%	
N	Arch Coal	ACI US	US	USD	Bridges	16.78	75.44	10.46	-3.8	7.6	-73.0	3.0	3.0	2,423	Dec	0.50	2.92	33.6	5.7	7.3	3.4	83%	17.1%	
N	Century Aluminum Co.	CENX US	US	USD	Gambardella	5.69	79.99	1.06	-18.9	54.6	-92.6	-43.1	-43.1	422	Dec	(3.30)	(1.21)	NM	NM	(2.9)	(16.7)	34%	-16.5%	
OW	Cliffs Natural Resources	CLF US	US	USD	Gambardella	22.01	119.19	12.01	-26.7	17.3	-76.1	-14.1	-14.1	2,503	Dec	0.14	1.95	157.2	11.3	10.5	5.6	24%	11.3%	
OW	CONSOL Energy	CNX US	US	USD	Bridges	35.83	117.34	18.83	-4.0	28.6	-61.3	25.4	25.4	6,472	Dec	4.30	5.50	8.3	6.5	3.7	3.1	34%	35.5%	
N	Freeport-McMoRan Copper	FCX US	US	USD	Gambardella	46.11	125.86	16.80	-6.0	4.2	-60.0	88.7	88.7	18,986	Dec	0.70	2.83	65.9	16.3	7.9	6.4	64%	24.3%	
UW	Headwaters	HW US	US	USD	Bridges	4.08	16.23	1.22	-5.3	41.7	-62.2	-39.6	-39.6	173	Sep	NM	NM	NM	NM	NM	NM	NM	NM	
N	International Coal Group	ICO US	US	USD	Bridges	2.81	13.28	1.11	-5.7	41.9	-70.9	22.2	22.2	433	Dec	0.06	0.25	46.8	11.2	4.1	3.5	66%	13.0%	
OW	Massey Energy	MEE US	US	USD	Bridges	19.18	93.75	9.96	-9.5	51.7	-67.0	39.1	39.1	1,640	Dec	0.93	2.30	20.6	8.3	4.7	3.2	63%	15.8%	
N	Peabody Energy	BTU US	US	USD	Bridges	30.00	88.05	16.25	-4.8	2.2	-57.8	31.9	31.9	8,021	Dec	1.73	2.27	17.3	13.2	7.4	6.1	59%	20.8%	
N	Rentech Inc.	RTK US	US	USD	Bridges	0.63	2.43	0.46	-10.0	3.3	-54.7	-7.4	-7.4	105	Sep	0.03	NM	21.0	NM	10.7	NM	-325%	10.5%	
OW	Teck Cominco Ltd.	TCK/B CN	Canada	CAD	Gambardella	14.54	52.00	3.42	-9.6	35.4	-70.5	141.5	153.4	5,900	Dec	1.15	0.95	12.6	15.3	6.7	7.9	83%	38.2%	
Europe/Africa																								
UW	Anglo American	AAL LN	UK	USD	Cooke	11.13	35.69	6.26	-3.9	5.1	-66.0	-4.2	-4.2	29,305	Dec	1.67	1.10	6.7	10.1	5.1	5.8	28%	27%	
UW	Antofagasta	ANTO LN	UK	USD	Largey	16.65	30.05	8.30	-7.3	-7.8	-44.6	37.4	37.4	8,207	Dec	102.01	84.62	0.2	0.2	7.2	8.6	-37%	68%	
OW	Kazakhmys Plc	KAZ LN	UK	USD	Largey	626.50	1,943.00	173.80	-12.6	22.0	-65.4	171.2	185.6	5,078	Dec	2.90	2.00	216.0	313.3	6.4	8.6	15%	42%	
UW	Norsk Hydro	NHY NO	Norway	NOK	Largey	31.05	85.60	20.40	-7.0	10.9	-61.9	11.7	20.4	5,964	Dec	(1.10)	1.15	NM	27.0	24.6	6.8	-1%	3%	
N	Raspads kaya	RASP RU	Rus	USD	Vlasov	1.70	10.30	0.75	-6.6	21.0	-82.8	70.0	70.0	1,329	Dec	0.12	0.18	14.2	9.4	2.7	1.8	4%	55%	
OW	Vedanta Resources	VED LN	UK	USD	Largey	18.96	2,780.00	387.75	4.3	24.2	-50.6	104.7	115.6	5,267	Mar	4.17	NM	4.5	NM	4.7	NM	-16%	37%	
OW	Xstrata	XTA LN	UK	USD	Largey	9.31	2,502.09	298.25	-10.4	0.2	-74.6	69.8	78.8	27,426	Dec	7.98	5.71	1.2	1.6	6.0	7.7	20%	44%	
OW	African Rainbow Minerals	ARI SJ	S.Africa	ZAR	Cooke	123.00	299.47	80.00	-2.0	-1.6	-55.3	10.8	19.2	3,033	Jun	39.70	37.18	3.1	3.3	1.9	1.7	-28%	65%	
UW	Anglo American (AGLJ.J)	AGL SJ	S.Africa	ZAR	Cooke	189.05	556.01	138.21	-3.4	-2.9	-62.7	-10.4	-3.6	28,965	Dec	16.15	10.68	11.7	17.7	5.0	5.6	28%	27%	
OW	BHP Billiton (BILJ.J)	BIL SJ	S.Africa	ZAR	Cooke	181.41	321.25	119.99	-4.7	-7.1	-42.3	2.1	9.9	46,596	Jun	1,422.00	1,261.00	0.1	0.1	6.7	6.6	NM	34%	
OW	Boliden	BOL SS	Sweden	SEK	Largey	52.75	77.50	14.80	-11.0	-7.5	-28.7	196.4	197.0	1,828	Dec	9.83	11.99	5.4	4.4	3.7	2.9	8%	18%	
OW	Exxaro Resources Ltd	EXX SJ	S.Africa	ZAR	Cooke	73.00	159.50	53.50	3.6	7.4	-47.3	1.5	9.2	3,020	Dec	16.29	15.76	4.5	4.6	10.3	10.3	12%	27%	
Asia/Australia																								
N	Banpu Public	BANPU TB	Thailand	THB	Chawalitakul	296.00	544.00	140.00	-1.3	33.9	-33.9	29.8	30.6	2,327	Dec	38.08	20.24	7.8	14.6	2.5	3.8	29%	58%	
UW	Bumi Resources	BUMI IJ	Indonesia	USD	Juanda	1,950.00	8,550.00	425.00	-0.5	69.6	-74.2	114.3	125.1	3,647	Dec	NM	NM	NM	NM	1.0	2.5	136%	47%	
OW	China Coal Energy	1898 HK	China	CNY	Li	8.11	18.28	2.91	-4.8	11.4	-50.4	31.4	31.4	4,297	Dec	0.79	0.82	10.3	9.9	2.5	2.7	10%	30%	
N	China Shenhua Energy	1088 HK	China	CNY	Li	23.05	36.35	8.41	-6.9	4.1	-30.2	40.5	40.6	10,108	Dec	1.64	1.75	14.1	13.2	2.7	2.3	32%	50%	
N	Hindalco Industries	HNDL IN	India	INR	Parekh	70.55	184.72	37.40	0.4	18.7	-59.6	30.2	27.4	2,410	Mar	4.77	6.02	14.8	11.7	1.1	1.1	142%	15%	
OW	PT Tambangraya Megah	ITMG IJ	Indonesia	IDR	Juanda	17,350.00	35,700.00	5,950.00	-6.0	25.3	-30.3	65.2	73.6	1,890	Dec	NM	NM	NM	NM	3.7	5.0	10%	33%	
UW	PT Nickel Indonesia	INCO IJ	Indonesia	USD	Juanda	3,300.00	6,800.00	1,180.00	-12.0	9.1	-50.8	71.0	79.6	3,160	Dec	NM	NM	NM	NM	21.4	12.4	6%	24%	
OW	Tambang Bukit Asam	PTBA IJ	Indonesia	IDR	Juanda	9,900.00	17,000.00	4,150.00	0.0	16.5	-11.2	43.5	50.7	2,199	Dec	1,217.97	566.31	8.1	17.5	3.2	6.5	NM	41%	
N	Yanzhou Coal Mining - H	1171 HK	China	CNY	Li	8.57	17.54	3.02	-7.1	14.4	-44.3	50.6	50.6	2,166	Dec	1.08	1.07	7.9	8.0	NM	NM	1%	38%	
UW	Alumina Limited	AWC AU	Australia	AUD	George	1.20	5.50	0.75	-17.2	-11.8	-77.6	-3.8	4.1	1,994	Dec	(0.15)	(0.09)	NM	NM	NM	NM	NM	NM	
N	BHP Billiton Limited	BHP AU	Australia	USD	George	50.19	95.00	24.62	-3.4	5.4	-44.4	17.0	17.0	84,221	Jun	1.12	1.28	44.9	39.1	5.7	5.6	NM	34%	
N	Centennial Coal Company	CEY AU	Australia	AUD	James	2.01	6.32	1.58	-6.1	-12.2	-56.9	-39.5	-34.4	567	Jun	0.15	0.27	13.1	7.5	5.2	4.1	NM	21%	
UW	Fortescue Metals Group	FMG AU	Australia	AUD	George	2.62	12.78	1.29	5.6	4.8	-72.0	35.8	47.0	6,106	Jun	0.27	0.15	9.7	17.0	11.9	10.2	NM	45%	

JPM Rating	Company	Bloomberg Ticker	Country	CCY	Analyst	Price Local 14May-09	52-Wk (local)		Local Returns (%)				USD (%)	Mkt. Cap. (US\$MM)	Fiscal Yr-end	EPS (Local) (Calendarised)		P/E (Calendarised)		FV/EBITDA (Calendarised)		Net Debt / Capital	EBITDA Margin
							High	Low	1 Wk	1 Mo	1 Yr	YTD				YTD	09E	10E	09E	10E	09E		
N	Iluka Resources	ILU AU	Australia	AUD	George	3.25	5.04	3.00	-7.4	6.2	-16.2	-30.0	-24.1	1,028	Dec	0.12	0.34	28.0	9.6	6.4	3.4	NM	31%
UW	National Aluminium Co Ltd	NACL IN	India	INR	Parekh	263.50	552.05	139.30	7.6	7.0	-47.2	33.0	30.2	3,410	Mar	13.81	15.20	19.1	17.3	10.1	8.3	NM	28%
N	OZ Minerals Limited	OZL AU	Australia	AUD	James	0.72	3.51	0.50	4.8	-36.0	-85.1	-84.2	40.8	1,685	Dec	(0.02)	0.04	NM	19.9	7.8	6.6	NM	15%
Latin America																							
		GMEXICOB																					
N	Grupo Mexico	MM	Mexico	USD	De Angele	12.04	25.58	6.74	-2.4	1.2	-50.2	39.9	45.8	6,965	Dec	0.07	0.11	172.0	109.5	4.0	2.9	1%	32%
UW	Southern Copper Corp	PCU US	Peru	USD	De Angele	18.64	38.78	9.19	-5.6	-12.0	-48.2	16.1	16.1	15,844	Dec	0.59	1.12	31.6	16.6	9.5	5.9	21%	32%
N	Vale ON	RIO US	Brazil	USD	De Angele	17.57	43.76	9.08	-4.0	7.7	-56.6	48.0	48.0	57,217	Dec	1.21	0.84	13.6	19.7	8.6	9.4	21%	44%
N	Vale PN	RIO/P US	Brazil	USD	De Angele	14.97	35.67	8.29	-1.9	7.7	-55.0	46.1	46.1	31,555	Dec	1.21	0.84	13.6	19.7	8.6	9.4	21%	44%
Precious Metals																							
North America																							
N	Agnico-Eagle Mines	AEM US	US	USD	Bridges	53.54	79.02	21.70	11.8	8.8	-15.5	4.3	4.3	8,332	Dec	0.78	2.03	68.6	26.4	23.4	NM	12%	35%
N	Barrick Gold	ABX CN	US	USD	Bridges	34.11	50.39	18.14	4.0	17.1	-9.7	-7.2	-7.2	29,786	Dec	1.64	1.28	20.8	26.6	9.1	10.1	14%	44%
N	Coeur d'Alene	CDE US	US	USD	Bridges	1.31	3.40	0.36	-9.7	13.9	-58.1	48.9	48.9	899	Dec	0.04	0.03	32.8	43.7	11.2	8.8	15%	34%
N	Gold Reserve	GRZ US	US	USD	Bridges	0.63	2.11	0.26	3.3	-6.0	-71.0	-32.7	-32.7	36	Dec	(0.09)	(0.03)	NM	NM	24.6	(10.5)	-65%	NM
N	Goldcorp Inc	GG US	US	USD	Bridges	33.58	51.06	15.06	7.6	11.6	-12.3	6.5	6.5	24,519	Dec	0.72	0.81	46.6	41.5	17.7	18.7	1%	54%
OW	Kinross Gold	KGC US	US	USD	Bridges	17.02	24.50	7.66	4.4	15.3	-12.0	-7.6	-7.6	11,819	Dec	0.57	0.62	29.9	27.5	9.4	9.4	-2%	51%
N	Newmont Mining	NEM US	US	USD	Bridges	43.67	53.37	21.54	2.2	4.3	-3.2	7.3	7.3	20,917	Dec	2.43	2.13	18.0	20.5	7.9	7.8	11%	39%
UW	Pan American Silver	PAAS US	US	USD	Bridges	19.20	36.37	9.30	0.1	15.1	-43.3	12.5	12.5	1,675	Dec	0.59	0.49	32.5	39.2	10.1	12.0	-26%	41%
OW	Silver Wheaton	SLW US	US	USD	Bridges	8.84	15.51	2.57	1.3	8.5	-35.9	35.3	36.2	2,542	Dec	0.38	0.53	23.3	16.7	15.8	10.9	1%	64%
UW	Stillwater Mining	SWC US	US	USD	Bridges	5.34	15.56	1.76	-7.1	7.7	-60.4	8.1	8.1	503	Dec	(0.51)	(0.45)	NM	NM	20.9	18.7	3%	8%
Europe/Africa																							
UW	Lonmin plc	LMI LN	UK	USD	Shepherd	18.16	69.55	8.05	-21.9	-13.5	-71.8	38.4	38.4	2,866	Sep	(0.76)	(0.59)	NM	NM	(57.1)	(49.8)	24%	-8%
N	Anglo American Platinum	ANP LN	S.Africa	ZAR	Shepherd	480.00	1,460.00	364.90	-3.5	-5.0	-63.4	-7.3	-0.2	13,302	Dec	(9.00)	(1.50)	NM	NM	33.2	18.6	60%	11%
OW	AngloGold Ashanti Limited	ANG SJ	S.Africa	ZAR	Shepherd	312.21	359.76	152.00	6.6	8.0	12.4	23.9	33.3	12,870	Dec	19.64	20.03	15.9	15.6	6.1	6.1	20%	44%
UW	Aquarius Platinum (SA)	AQP SJ	S.Africa	USD	Shepherd	4.15	18.00	1.28	-1.8	-2.9	-73.2	58.1	58.1	1,992	Jun	(0.08)	0.11	NM	37.7	(10.1)	23.1	-17%	1%
UW	DRDGold Ltd	DRD SJ	S.Africa	ZAR	Shepherd	7.30	9.43	3.37	0.7	14.8	11.5	32.7	42.8	321	Jun	0.74	0.87	9.9	8.4	4.7	3.1	-49%	23%
OW	Eastern Platinum Ltd.	EPS SJ	S.Africa	USD	Shepherd	3.63	25.40	2.06	-16.2	-17.3	-84.0	15.2	24.0	288	Dec	(0.10)	0.10	NM	36.3	66.6	7.3	-5%	5%
OW	Gold Fields Ltd	GFI SJ	S.Africa	ZAR	Shepherd	105.00	123.50	54.00	8.2	7.5	0.8	14.3	22.9	8,606	Jun	6.29	8.25	16.7	12.7	6.6	5.3	10%	42%
N	Harmony Gold Mining Co	HAR SJ	S.Africa	ZAR	Shepherd	90.86	129.50	54.99	8.8	11.2	-5.6	-7.0	0.1	4,502	Jun	5.58	7.32	16.3	12.4	10.6	8.5	-13%	35%
OW	Impala Platinum Holdings	IMP SJ	S.Africa	ZAR	Shepherd	170.00	358.00	90.15	-1.2	-1.2	-48.6	25.9	35.5	12,496	Jun	7.55	6.74	22.5	25.2	14.2	15.2	-9%	32%
UW	Lonmin plc (LONJ.J)	LON SJ	S.Africa	ZAR	Shepherd	150.00	493.76	79.76	-18.7	-18.0	-67.8	23.3	32.7	2,755	Sep	(6.88)	(5.04)	NM	NM	(52.5)	(48.4)	24%	-8%
OW	Northam Platinum Ltd	NHM SJ	S.Africa	ZAR	Shepherd	32.00	76.50	16.80	0.0	8.5	-55.1	55.3	67.1	1,340	Jun	1.28	1.01	25.0	31.7	16.6	16.3	-29%	19%
OW	Randgold Resources Ltd	RRS LN	UK	USD	Shepherd	60.22	60.22	24.28	14.7	29.7	36.0	42.1	42.1	4,617	Dec	0.76	1.78	79.2	33.8	25.3	14.6	-22%	32%
Asia/Australia																							
N	Zijin Mining Group Co Ltd	2899 HK	China	CNY	Li	6.38	7.89	1.42	3.4	7.4	-6.5	35.7	35.7	3,297	Dec	0.21	0.22	30.4	29.0	NM	NM	6%	41%
UW	Energy Resources of AUS	ERA AU	Australia	AUD	James	22.65	24.70	10.10	1.1	-0.7	6.6	19.2	29.1	3,262	Dec	1.02	1.55	22.1	14.6	12.5	8.4	NM	50%
OW	Lihir Gold	LGL AU	Australia	USD	James	23.00	32.71	9.81	3.2	7.3	-15.7	4.9	4.9	5,448	Dec	0.09	0.12	258.4	196.6	12.5	9.7	NM	44%
OW	Newcrest Mining	NCM AU	Australia	AUD	James	29.53	36.30	17.01	-1.6	-1.7	-1.1	-12.9	-5.6	10,788	Jun	0.74	1.06	39.9	27.8	15.4	11.4	NM	36%
N	Paladin Energy Ltd	PDN AU	Australia	USD	James	4.54	6.67	1.79	0.9	28.2	-9.6	83.1	98.3	2,138	Jun	(0.34)	0.12	NM	37.8	NM	15.7	NM	-312%
Latin America																							
N	CDM Buenaventura	BVN US	Peru	USD	Bridges	25.56	34.91	9.82	6.0	14.1	-17.8	28.3	28.3	7,026	Dec	2.04	1.79	12.5	14.3	9.1	10.7	-26%	38%

JPM Rating	Company	Bloomberg Ticker	Country	CCY	Analyst	Price Local 14May-09	52-Wk (local)		Local Returns (%)				USD (%)	Mkt. Cap. (US\$MM)	Fiscal Yr-end	EPS (Local) (Calendarised)		P/E (Calendarised)		FV/EBITDA (Calendarised)		Net Debt / Capital	EBITDA Margin
							High	Low	1 Wk	1 Mo	1 Yr	YTD				09E	10E	09E	10E	09E	10E		
Steel																							
North America																							
OW	AK Steel	AKS US	US	USD	Gambardella	11.74	72.89	5.22	-13.7	11.5	-82.8	26.0	26.0	1,283	Dec	(1.34)	0.98	NM	12.0	79.4	4.0	28%	1%
N	Allegheny Technologies	ATI US	US	USD	Gambardella	33.50	82.15	15.24	-10.1	21.5	-55.3	31.2	31.2	3,284	Dec	0.83	2.56	40.4	13.1	11.2	5.4	12%	7%
OW	Arcelor Mittal	MT US	US	USD	Gambardella	25.55	104.25	15.52	-5.6	-1.8	-73.7	3.9	3.9	37,017	Dec	(0.64)	2.30	NM	11.1	11.0	6.7	35%	10%
N	Carpenter Technology	CRS US	US	USD	Gambardella	19.68	60.72	11.93	-8.8	16.8	-66.9	-4.2	-4.2	867	Jun	1.24	NM	15.9	NM	5.6	NM	-12%	11%
OW	Commercial Metals	CMC US	US	USD	Gambardella	14.73	39.41	6.33	-7.4	8.8	-56.3	24.1	24.1	1,657	Aug	0.70	NM	21.0	NM	5.5	NM	65%	7%
N	Dynamic Materials	BOOM US	US	USD	Gambardella	16.48	43.38	5.19	-1.4	34.0	-55.3	-14.7	-14.7	212	Dec	1.05	1.30	15.7	12.7	10.9	9.4	27%	18%
OW	Gerdau Ameristeel	GNA US	US	USD	Gambardella	5.27	19.44	2.91	-11.3	17.1	-67.8	-13.0	-13.0	2,282	Dec	0.12	1.10	43.9	4.8	11.3	4.5	78%	11%
N	GraffTech International	GTI US	US	USD	Gambardella	8.78	27.49	3.98	-12.2	8.8	-63.4	5.5	5.5	1,056	Dec	0.32	0.95	27.4	9.2	12.6	5.7	4%	11%
N	Haynes International	HAYN US	US	USD	Gambardella	20.31	68.33	11.09	-12.0	-2.6	-65.1	-17.5	-17.5	244	Sep	(0.09)	2.81	NM	7.2	40.6	3.6	-14%	5%
OW	Nucor	NUE US	US	USD	Gambardella	39.40	82.07	25.52	-7.9	-7.7	-50.7	-14.7	-14.7	12,382	Dec	(1.45)	2.75	NM	14.3	(176.6)	6.4	17%	-1%
OW	Steel Dynamics	STLD US	US	USD	Gambardella	11.57	40.67	5.23	-7.7	4.7	-66.4	3.5	3.5	2,108	Dec	(0.17)	1.88	NM	6.2	14.7	4.9	163%	19%
OW	U.S. Steel Corp	X US	US	USD	Gambardella	27.39	191.96	16.88	-8.7	5.0	-84.1	-26.4	-26.4	3,182	Dec	(10.10)	3.00	NM	9.1	(6.7)	4.0	46%	-7%
N	Worthington Industries	WOR US	US	USD	Gambardella	13.31	24.11	7.15	-9.8	8.3	-29.4	20.8	20.8	1,050	May	0.38	NM	35.0	NM	18.2	NM	38%	4%
Europe/Africa																							
UW	Acerinox	ACX SM	Spain	EUR	Largey	11.85	18.32	8.10	-1.1	6.2	-34.3	4.2	1.9	4,095	Dec	(0.55)	0.55	NM	21.5	(171.5)	10.5	33%	-1%
OW	Evraz Group	EVR LI	Rus	USD	Vlasov	16.45	119.32	3.70	3.5	44.6	-85.4	91.3	91.3	6,527	Dec	3.75	4.25	4.4	3.9	3.1	2.5	126%	27%
N	Klockner & Co.	KCO GR	Germany	EUR	Largey	11.12	40.84	5.65	-3.6	32.4	-70.9	-11.0	-13.0	703	Dec	(3.85)	0.45	NM	24.7	(7.6)	8.2	36%	-3%
N	MMK	MAGN RU	Rus	USD	Vlasov	0.36	1.44	0.15	0.0	53.2	-74.1	33.3	33.3	4,023	Dec	0.08	0.13	4.5	2.8	1.9	1.7	9%	26%
N	Outokumpu	OUT1V FH	Finland	EUR	Largey	11.77	33.99	6.50	-5.5	10.1	-64.4	42.2	39.0	2,911	Dec	(1.60)	0.90	NM	13.1	(19.2)	8.1	48%	-6%
N	Salzgitter	SZG GR	Germany	EUR	Largey	52.23	140.50	39.90	-9.1	2.3	-63.6	-5.1	-7.2	4,265	Dec	(2.03)	4.45	NM	11.7	17.0	2.9	-14%	1%
UW	Severstal	CHMF RU	Rus	USD	Vlasov	5.00	27.85	2.20	7.5	28.2	-81.2	53.9	53.9	5,039	Dec	0.41	0.47	12.2	10.6	1.4	1.3	-4%	16%
N	SSAB	SSABA SS	Sweden	SEK	Largey	89.75	225.00	50.75	-7.2	9.1	-58.4	32.0	32.3	2,738	Dec	2.64	6.80	34.0	13.2	12.8	7.1	45%	9%
N	ThyssenKrupp	TKA GR	Germany	EUR	Largey	15.89	46.56	12.23	-7.7	-4.9	-64.9	-17.3	-19.2	11,109	Sep	0.04	1.67	397.3	9.5	5.4	3.1	43%	5%
N	TMK	TMKS LI	Rus	USD	Vlasov	9.44	43.00	1.50	4.9	57.3	-75.4	142.1	142.1	2,060	Dec	2.51	2.81	3.8	3.4	3.1	2.6	105%	20%
OW	Voestalpine	VOE AV	Austria	EUR	Largey	16.99	55.03	9.56	-2.6	23.1	-68.4	13.0	10.4	3,800	Mar	1.81	1.55	9.4	11.0	5.6	5.4	90%	12%
Asia/Australia																							
UW	Angang Steel Co - A	000898 CH	China	CNY	Li	10.00	23.60	5.39	1.1	9.1	-56.1	43.9	43.8	9,009	Dec	0.02	0.12	NM	83.3	8.5	6.7	48%	14%
UW	Angang Steel Co - H	347 HK	China	HKD	Li	10.72	23.00	2.89	-3.4	7.5	-50.8	23.6	23.6	1,502	Dec	0.02	0.12	NM	89.3	9.8	7.6	60%	13%
OW	Baoshan Iron & Steel - A	600019 CH	China	CNY	Li	6.37	13.85	4.32	4.6	6.5	-54.5	37.3	37.2	16,344	Dec	0.46	0.64	13.8	10.0	4.6	3.6	48%	14%
OW	BlueScope Steel	BSL AU	Australia	AUD	Greenwood	2.02	9.99	1.82	-3.2	-16.8	-77.5	-30.3	-24.5	2,176	Jun	0.02	0.11	96.2	18.4	7.5	6.4	NM	4%
UW	China Steel Corp	2002 TT	Taiwan	TWD	Lai	26.80	52.33	20.60	-1.5	3.3	-46.9	16.0	15.6	10,214	Dec	1.05	1.55	25.5	17.3	13.1	10.3	29%	17%
N	Maanshan Iron & Steel - A	600808 CH	China	CNY	Li	4.29	8.75	3.20	4.1	3.9	-51.0	32.8	32.8	3,751	Dec	0.03	0.09	143.0	47.7	5.9	5.0	112%	15%
N	Maanshan Iron & Steel - H	323 HK	China	CNY	Li	4.00	6.06	0.96	5.5	16.6	-30.7	44.9	44.9	894	Dec	0.03	0.09	133.3	44.4	5.7	5.6	87%	12%
OW	OneSteel Limited	OST AU	Australia	AUD	Greenwood	2.24	7.40	1.55	-12.5	-7.7	-63.0	-4.0	4.0	2,243	Jun	0.23	0.27	9.8	8.3	5.3	4.1	NM	11%
N	POSCO	005490 KS	S.Korea	KRW	Park	403,500.00	594,000.00	242,000.00	-6.5	6.0	-27.2	6.2	5.6	27,764	Dec	49,442.35	53,100.52	8.2	7.6	3.9	3.6	22%	25%
UW	Sims Group Limited	SGM AU	Australia	AUD	Greenwood	21.22	42.60	11.50	-6.8	12.2	-41.7	22.4	32.6	2,920	Jun	0.18	1.36	116.0	15.6	15.5	7.0	NM	4%
OW	Steel Authority of India Ltd	SAIL IN	India	INR	Parekh	118.60	186.35	58.60	-5.5	4.2	-30.3	43.2	40.1	9,839	Mar	11.08	12.07	10.7	9.8	3.0	2.8	17%	19%
N	Tata Steel Ltd	TATA IN	India	INR	Parekh	264.45	922.00	148.80	-10.2	-6.6	-70.2	15.6	13.2	3,880	Mar	65.02	62.51	4.1	4.2	4.0	3.8	104%	13%
Latin America																							
N	CSN	SID US	Brazil	BRL	De Angele	40.78	84.37	20.00	-5.7	5.9	-48.4	40.6	56.4	15,640	Dec	1.74	2.53	23.4	16.1	9.6	6.8	122%	36%
N	Gerdau S.A.	GGBR4 BZ	Brazil	BRL	De Angele	17.10	42.15	10.60	-4.5	11.4	-53.5	13.6	26.3	7,623	Dec	0.25	0.49	68.4	34.9	8.2	5.8	69%	17%
N	Lupatech S.A.	LUPA3 BZ	Brazil	BRL	De Angele	27.00	63.65	14.15	-10.0	7.6	-54.1	15.3	28.3	613	Dec	1.85	1.38	14.6	19.6	3.4	6.1	219%	31%
OW	Ternium	TX US	Luxembourg	USD	De Angele	15.22	45.18	4.65	-2.9	87.4	-58.3	77.6	77.6	3,051	Dec	3.01	2.17	5.1	7.0	6.3	3.1	13%	17%

JPM Rating	Company	Bloomberg Ticker	Country	CCY	Analyst	Price Local 14May-09	52-Wk (local)			Local Returns (%)				USD (%)	Mkt. Cap. (US\$MM)	Fiscal Yr-end	EPS (Local) (Calendarised)		P/E (Calendarised)		FV/EBITDA (Calendarised)		Net Debt / Capital	EBITDA Margin		
							High	Low	1 Wk	1 Mo	1 Yr	YTD	YTD				09E	10E	09E	10E	09E	10E		09E		
UW	Usiminas	USIM5 BZ	Brazil	BRL	De Angele	30.40	96.69	18.19	-3.6	7.3	-65.9	17.6	30.8	3,663	Dec	1.24	3.16	24.5	9.6	11.8	6.8	48%	18%			
Summary																										
Global Metals Indices																										
	Aluminum								-6.7	5.5	-67.9	1.7	4.0	22,715					17.3	17.1	235.7	5.8	57%	7%		
	Copper								-6.0	0.8	-54.3	60.1	62.0	55,902					54.1	25.5	7.6	6.3	31%	35%		
	Nickel								-12.0	9.1	-50.8	71.0	79.6	3,160					0.0	0.0	21.4	12.4	6%	24%		
	Zinc								4.8	-36.0	-85.1	-84.2	40.8	1,685					0.0	19.9	7.8	6.6	0%	15%		
	Coal								-4.3	18.0	-49.7	37.9	39.9	50,816					13.5	10.6	4.3	4.1	41%	36%		
	Gold								5.1	10.8	-6.8	6.4	8.3	157,998					38.1	31.8	11.9	10.7	5%	44%		
	PGM								-4.4	-2.6	-51.7	20.5	28.4	40,940					22.6	26.6	9.9	7.4	21%	1%		
	Diversified								-4.2	3.6	-54.3	27.8	31.0	330,127					21.8	23.6	6.6	7.0	21%	37%		
	Steel								-4.1	7.9	-56.3	19.0	20.4	235,020					51.6	15.8	-5.3	5.3	47%	14%		
Non-ferrous Metals & Mining																										
	North America								-7.8	12.2	-65.7	49.8	51.0	55,593					44.1	12.9	90.7	5.7	61%	21%		
	Europe								-6.7	5.1	-65.7	44.6	49.8	82,575					17.9	27.3	7.0	7.0	13%	37%		
	Africa								-4.0	-4.9	-49.7	2.3	9.6	83,442					4.5	6.6	6.0	6.1	21%	32%		
	Asia								-1.2	4.7	-10.3	12.6	13.3	32,204					11.7	12.5	4.4	3.9	44%	40%		
	Australia								-2.0	3.2	-35.7	11.9	14.1	99,011					41.3	36.2	6.3	6.0	0%	34%		
	Latin America								-3.5	4.5	-54.6	42.4	42.8	111,581					26.1	24.9	8.4	8.5	20%	42%		
	Global								-4.2	3.6	-49.9	27.9	30.9	464,407					25.0	22.2	16.9	6.6	28%	35%		
Precious Metals																										
	North America								4.9	11.9	-11.6	2.0	2.0	101,025					31.9	29.2	12.4	11.8	7%	46%		
	Europe								-21.9	-13.5	-71.8	38.4	38.4	2,866					0.0	0.0	-57.1	-49.8	24%	-8%		
	Africa								2.3	3.7	-24.9	17.3	25.0	63,087					24.7	20.6	12.6	9.6	13%	29%		
	Asia								0.5	1.0	-0.9	4.7	4.7	3,297					30.4	29.0	0.0	0.0	6%	41%		
	Australia								0.2	3.2	-3.9	5.1	10.9	21,637					98.0	69.3	14.1	10.9	0%	6%		
	Latin America								6.0	14.1	-17.8	28.3	28.3	7,026					12.5	14.3	9.1	10.7	-26%	38%		
	Global								3.1	7.9	-15.9	8.7	11.8	198,938					36.6	31.2	11.5	10.0	8%	35%		
Steel																										
	North America								-7.1	0.6	-67.3	0.7	0.7	66,624					33.7	11.3	-23.2	6.2	36%	7%		
	Europe								-2.3	19.3	-67.9	28.5	27.3	47,269					132.0	10.0	-11.3	4.1	47%	11%		
	Asia Pacific (ex Japan)								-2.7	4.7	-43.4	22.2	22.2	90,538					25.7	20.7	6.1	4.9	39%	18%		
	Latin America								-5.0	15.6	-52.9	34.3	47.4	30,590					32.8	19.2	9.1	6.2	91%	27%		
	Global								-4.1	7.9	-56.3	19.0	20.4	235,020					51.6	15.8	(5.3)	5.3	47%	14%		
Steel Producers																										
	Integrated								-3.2	6.2	-46.6	16.9	18.3	192,252					50.0	15.4	7.8	5.1	48%	16%		
	Minimill								-0.5	-0.3	-3.7	-0.6	-0.6	16,147					21.0	13.1	-132.9	6.2	41%	3%		
	Specialty								-0.4	2.0	-5.9	2.6	2.7	26,009					68.0	19.8	-23.0	6.2	39%	8%		
Global J.P. Morgan Metals Coverage List (based on US\$ returns)									-3.1	8.0	-49.6	26.1		898,365				33.1	22.3	9.9	7.0	29%	30%			

JPM Rating	Company	Bloomberg Ticker	Country	CCY	Analyst	Price Local 14May-09	52-Wk (local)		Local Returns (%)				USD (%) YTD	Mkt. Cap. (US\$MM) Yr-end	Fiscal	EPS (Local) (Calendarised)		P/E (Calendarised)		FV/EBITDA (Calendarised)		Net Debt / Capital	EBITDA Margin 09E
							High	Low	1 Wk	1 Mo	1 Yr	YTD				09E	10E	09E	10E	09E	10E		
Industry indices																							
	MSCI Metals & Mining					248.11	517.36	161.41	-6.8	2.2	-49.7	11.7	15.4										
	MSCI Industrials					93.88	167.04	69.67	-3.8	6.2	-42.7	-1.7	-2.6										
Equity Indices																							
	MSCI World					679.35	1087.83	527.42	-2.0	5.4	-36.5	0.2	0.1										
	Dow					8331.32	13028.16	6547.05	-0.9	5.2	-35.4	-5.1	-5.1										
	Nasdaq					1359.67	2055.11	1036.51	-2.2	2.8	-31.9	12.2	12.2										
	S&P 500 Composite					893.07	1426.63	676.53	-1.6	6.1	-36.6	-1.1	-1.1										
	S&P/TSX Composite					11411.02	17463.33	8766.85	-1.2	6.7	-32.7	9.6	15.0										
	Nikkei 225					9093.73	14489.44	7054.98	-3.1	2.8	-35.6	2.6	-2.7										
	MSCI Asia Ex-Japan					430.33	647.77	290.97	-3.2	6.6	-32.2	22.6	22.1										
	FTSE 100					4362.58	6376.49	3512.09	-0.8	9.4	-29.8	-1.6	3.6										
	FTSE EuroTop 100					893.99	1724.87	639.26	-1.0	6.4	-47.5	-5.2	-5.2										
	CAC 40					3156.29	5142.10	2519.29	-2.9	5.2	-37.6	-1.9	-4.1										
	ASX 300 Index (Australia)					3719.10	5953.00	3133.80	-5.4	-0.6	-36.7	0.4	8.8										
	JSE ASI (Jo'burg)					21396.35	33232.89	17814.42	-0.7	-0.2	-33.9	-0.5	7.0										
	KOSPI (Korea)					1309.06	1843.86	914.47	-1.9	2.4	-27.1	19.6	18.9										
	Taiwan SE 100					1417.38	2103.07	960.48	-4.5	7.0	-30.7	31.7	31.2										
	Ibovespa (Brazil)					49446.00	73516.00	29435.00	-1.2	8.9	-29.4	31.7	46.5										
	S&P CNX Metals					12766.92	23236.84	5995.81	-13.0	8.1	-40.8	55.3	52.0										
	AMEX Gold Bugs					344.65	469.33	151.57	3.8	15.3	-15.3	14.0	14.0										
	FTSE Gold Mines Index					2564.82	3322.81	1156.45	3.8	11.1	-9.5	8.2	8.2										

Source: DataStream and J.P. Morgan estimates Note: J.P. Morgan ratings: OW = Overweight; N = Neutral; UW = Underweight

Table 5: Stock Tickers of J.P. Morgan Metals & Mining Coverage Companies

Aluminum		Gold		Diversified			
Alcoa	AA US	Agnico-Eagle Mines	AEM US	African Rainbow Minerals Ltd	ARI SJ	GrafTech International	GTI US
Alumina Limited	AWC AU	AngloGold Ashanti Limited	ANG SJ	Anglo American	AAL LN	Haynes International	HYNI US
Aluminum Corporation of China Limited	2600 HK	Barrick Gold	ABX CN	Anglo American (AGLJ.J)	AGL SJ	Jindal SAW	JSAW IN
Century Aluminum Company	CENX US	Coeur d'Alene	CDE US	BHP Billiton	BLT LN	Klöckner & Co.	KCO GR
Hindalco Industries	HNDL IN	Compania de Minas Buenaventura	BVN US	BHP Billiton (BILJ.J)	BIL SJ	Lupatech S.A.	LUPA3 BZ
National Aluminium Co Ltd	NACL IN	DRDGold Ltd	DRD SJ	BHP Billiton Limited	BHP AU	Maanshan Iron and Steel - A	600808 CH
		Gold Fields Ltd	GFI SJ	Boliden	BOL SS	Maanshan Iron and Steel - H	323 HK
		Gold Reserve	GRZ US	Cleveland-Cliffs	CLF US	MMK	MAGN RU
Copper		Goldcorp Inc	GG US	CVRD ON	RIO US	Monnet Ispat & Energy Limited	MISP IN
Antofagasta	ANTO LN	Harmony Gold Mining Co Ltd	HAR SJ	CVRD PN	RIO-P	Norsk Hydro	NHY NO
Freeport-McMoRan Copper & Gold	FCX US	Hochschild	HOC LN	Fortescue Metals Group Ltd	FMG AU	Novolipetsk Steel	NLMK LI
Teck Cominco Ltd.	TCK/B CN	Kinross Gold	KGC US	Highveld Steel and Vanadium	HVL SJ	Nucor	NUE US
		Lihir Gold	LGL AU	Iluka Resources	ILU AU	OneSteel Limited	OST AU
Nickel		Newcrest Mining	NCM AU	Kazakhmys Plc	KAZ LN	Outokumpu	OUT1V FH
PT International Nickel Indonesia	INCO IJ	Newmont Mining	NEM US	Kumba Iron Ore Ltd	KIO SJ	POSCO	005490 KS
		Pan American Silver	PAAS US	Metorex Limited	MTX SJ	Salzgitter	SZG GR
Zinc		Randgold Resources Ltd	RRS LN	Rio Tinto Limited	RIO AU	Severstal	CHMF RU
OZ Minerals	OZL AU	Silver Wheaton	SLW US	Rio Tinto plc	RIO LN	Sims Group Limited	SGM AU
		Zijin Mining Group Co Ltd	2899 HK	Vedanta Resources	VED LN	SSAB	SSABA SS
Coal				Xstrata	XTA LN	Steel Authority of India Ltd	SAIL IN
Arch Coal	ACI US					Steel Dynamics	STLD US
Banpu Public	BANPU TB	PGM		Steel		Tata Steel Ltd	TATA IN
Bumi Resources	BUMI IJ	Anglo American Platinum Corporation Ltd	ANP LN	Acerinox	ACX SM	Tenaris SA	TS US
Centennial Coal Company	CEY AU	Aquarius Platinum Limited (SA)	AQP SJ	AK Steel	AKS US	Ternium	TX US
China Coal Energy	1898 HK	Energy Resources of Australia Limited	ERA AU	Allegheny Technologies	ATI US	ThyssenKrupp	TKA GR
China Shenhua Energy	1088 HK	Impala Platinum Holdings Ltd	IMP SJ	Angang Steel Company Limited - A	000898 CH	TMK	TMKS LI
CONSOL Energy	CNX US	Lonmin plc	LMI LN	Angang Steel Company Limited - H	347 HK	U.S. Steel Corp	X US
Exxaro Resources Ltd	EXX SJ	Lonmin plc (LONJ.J)	LMI LN	Arcelor Mittal	MT US	Usiminas	USIM5 BZ
Headwaters	HW US	Northam Platinum Ltd	NHM SJ	Baoshan Iron & Steel - A	600019 CH	Voestalpine	VOE AV
International Coal Group	ICO US	Paladin Energy Ltd	PDN AU	BlueScope Steel	BSL AU	Worthington Industries	WOR US
Massey Energy	MEE US	Stillwater Mining	SWC US	Carpenter Technology	CRS US		
Peabody Energy	BTU US	Barrick Gold	ABX CN	China Steel Corp	2002 TT		
Raspads kaya	RASP RU			Commercial Metals	CMC US		
Rentech Inc.	RTK US			CSN	SID US		
Tambang Batubara Bukit Asam	PTBA IJ			Dynamic Materials	BOOM US		
Yanzhou Coal Mining - A	600188 CH			Gerdau Ameristeel	GNA US		
Yanzhou Coal Mining - H	1171 HK			Evraz Group	EVR LI		
Teck Cominco Ltd.	TCK/B CN						

Source: J.P. Morgan

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Global Corporate Research
15 May 2009

J.P.Morgan

Companies Recommended in This Report (all prices in this report as of market close on 14 May 2009, unless otherwise indicated)

Anglo American Platinum Corporation Ltd (AMSJ.J/48,000c/Neutral), AngloGold Ashanti Limited (ANGJ.J/31,221c/Overweight), Aquarius Platinum Limited (AQP.L/258p/Underweight), Arcelor Mittal (MT/\$25.55/Overweight), Coeur d'Alene (CDE/\$1.30/Neutral), CSN (SID/\$19.54/Neutral), Gold Fields Ltd (GFIJ.J/10,500c/Overweight), Haynes International (HAYN/\$20.31/Neutral), JSW Steel (JSTL.BO/Rs418.20 [15-May-2009]/Neutral), Klöckner & Co. (KCOGn.DE/€1.05/Neutral), Noranda Aluminum (NRD/\$17.34 [04-January-2005]/Not Covered), Northam Platinum Ltd (NHMJ.J/3,200c/Overweight), Pan American Silver (PAAS/\$19.20/Underweight), Salzgitter (SZGG.DE/€52.00/Neutral), Silver Wheaton (SLW/\$8.84/Overweight), Thompson Creek Metals (TC/\$7.63/Overweight), Usiminas (USIM5.SA/R\$32.10/Underweight)

Analyst Certification:

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Conflict of Interest:

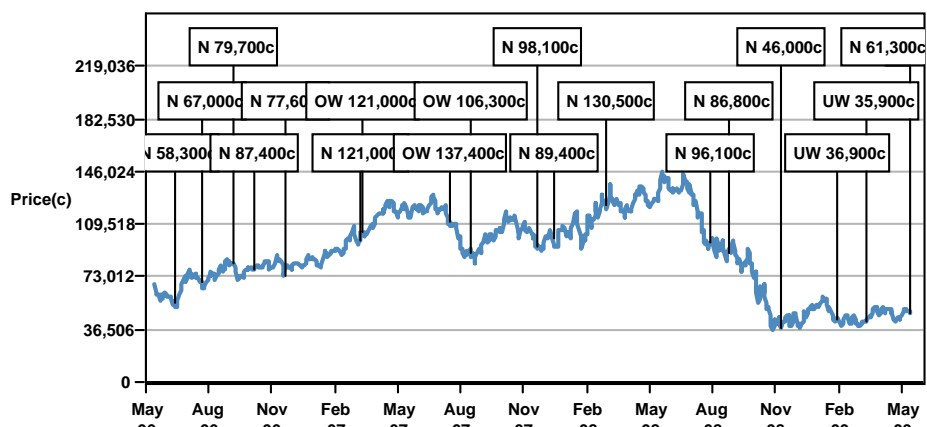
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- **Market Maker:** JPMSI makes a market in the stock of Haynes International, Pan American Silver.
- **Market Maker/ Liquidity Provider:** JPMSL and/or an affiliate is a market maker and/or liquidity provider in Aquarius Platinum Limited, Arcelor Mittal, Klöckner & Co., Salzgitter.
- **Lead or Co-manager:** JPMSI or its affiliates acted as lead or co-manager in a public offering of equity and/or debt securities for AngloGold Ashanti Limited, Arcelor Mittal within the past 12 months.
- **Analyst Position:** The following analysts (and/or their associates or household members) own a long position in the shares of Gold Fields Ltd: Steve Shepherd.
- **Beneficial Ownership (1% or more):** JPMSI or its affiliates beneficially own 1% or more of a class of common equity securities of JSW Steel.

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- Non-Investment Banking Compensation:** JPMSI has received compensation in the past 12 months for products or services other than investment banking from AngloGold Ashanti Limited, Coeur d'Alene, CSN, Haynes International, Pan American Silver. An affiliate of JPMSI has received compensation in the past 12 months for products or services other than investment banking from Anglo American Platinum Corporation Ltd, AngloGold Ashanti Limited, Arcelor Mittal, Coeur d'Alene, CSN, Gold Fields Ltd, Haynes International, Klöckner & Co., Thompson Creek Metals.

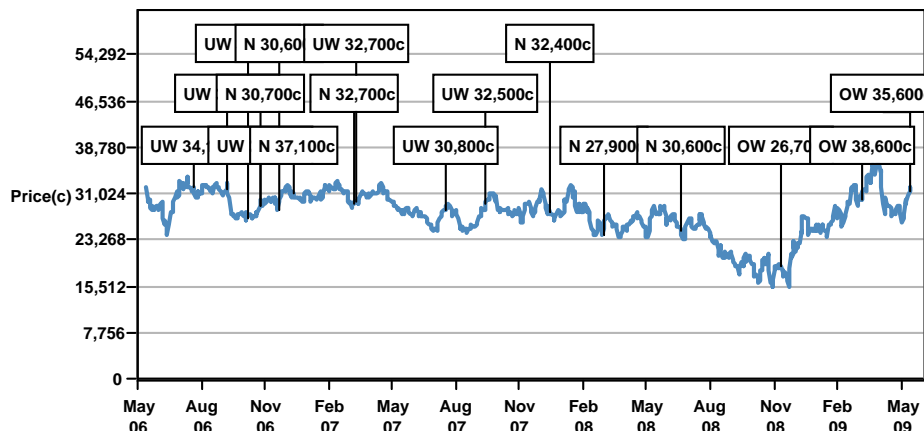
Anglo American Platinum Corporation Ltd (AMSJ.J) Price Chart



Date	Rating	Share Price (c)	Price Target (c)
12-Jun-06	N	55300	58300
21-Jul-06	N	69000	67000
05-Sep-06	N	83000	79700
05-Oct-06	N	77999	87400
20-Nov-06	N	74200	77600
08-Mar-07	N	98000	121000
12-Mar-07	OW	104000	121000
16-Jul-07	OW	110550	137400
16-Aug-07	OW	90100	106300
20-Nov-07	N	94000	98100
13-Dec-07	N	99000	89400
28-Feb-08	N	123400	130500
28-Jul-08	N	97100	96100
22-Aug-08	N	89500	86800
07-Nov-08	N	37400	46000
26-Jan-09	UW	43499	36900
09-Mar-09	UW	42200	35900
14-May-09	N	47700	61300

Source: Reuters and J.P. Morgan; price data adjusted for stock splits and dividends.
 This chart shows J.P. Morgan's continuing coverage of this stock; the current analyst may or may not have covered it over the entire period.
 J.P. Morgan ratings: OW = Overweight, N = Neutral, UW = Underweight.

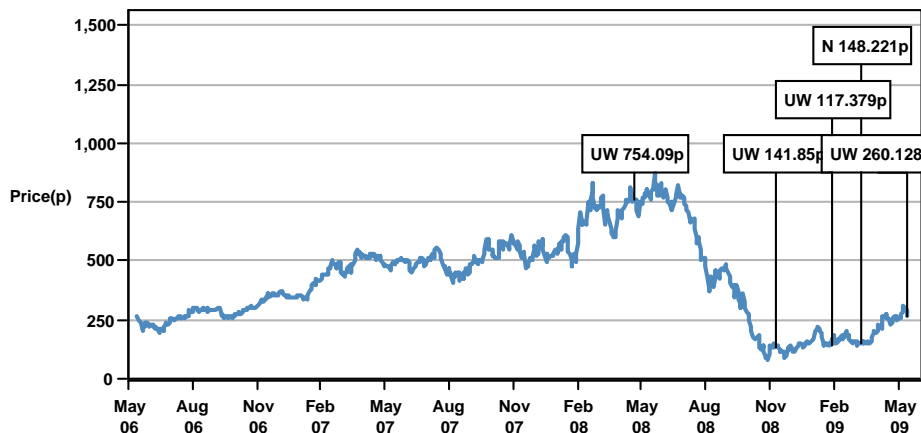
AngloGold Ashanti Limited (ANGJ.J) Price Chart



Date	Rating	Share Price (c)	Price Target (c)
21-Jul-06	UW	31913	34100
06-Sep-06	UW	31783	32500
05-Oct-06	UW	26687	32700
23-Oct-06	UW	28778	30700
24-Oct-06	N	28778	30700
20-Nov-06	N	28320	30600
12-Dec-06	N	30894	37100
08-Mar-07	N	29209	32700
12-Mar-07	UW	29677	32700
17-Jul-07	UW	28167	30800
13-Sep-07	UW	29180	32500
13-Dec-07	N	27898	32400
28-Feb-08	N	24154	27900
20-Jun-08	N	24651	30600
10-Nov-08	OW	18925	26700
06-Mar-09	OW	30000	38600
13-May-09	OW	31450	35600

Source: Reuters and J.P. Morgan; price data adjusted for stock splits and dividends. This chart shows J.P. Morgan's continuing coverage of this stock; the current analyst may or may not have covered it over the entire period.
 J.P. Morgan ratings: OW = Overweight, N = Neutral, UW = Underweight.

Aquarius Platinum Limited (AQP.L) Price Chart



Date	Rating	Share Price (p)	Price Target (p)
21-Apr-08	UW	759	754
07-Nov-08	UW	133	142
26-Jan-09	UW	145	117
09-Mar-09	N	150	148
14-May-09	UW	265	260

Source: Reuters and J.P. Morgan; price data adjusted for stock splits and dividends. Initiated coverage Apr 21, 2008. This chart shows J.P. Morgan's continuing coverage of this stock; the current analyst may or may not have covered it over the entire period.
 J.P. Morgan ratings: OW = Overweight, N = Neutral, UW = Underweight.

Arcelor Mittal (MT) Price Chart



Date	Rating	Share Price (\$)	Price Target (\$)
23-Oct-08	OW	24.18	46.00
06-Nov-08	OW	24.88	40.00
19-Dec-08	N	25.04	28.00
12-Mar-09	N	20.28	27.00
13-May-09	OW	26.23	37.00

Source: Reuters and J.P. Morgan; price data adjusted for stock splits and dividends.
 This chart shows J.P. Morgan's continuing coverage of this stock; the current analyst may or may not have covered it over the entire period.
 J.P. Morgan ratings: OW = Overweight, N = Neutral, UW = Underweight.

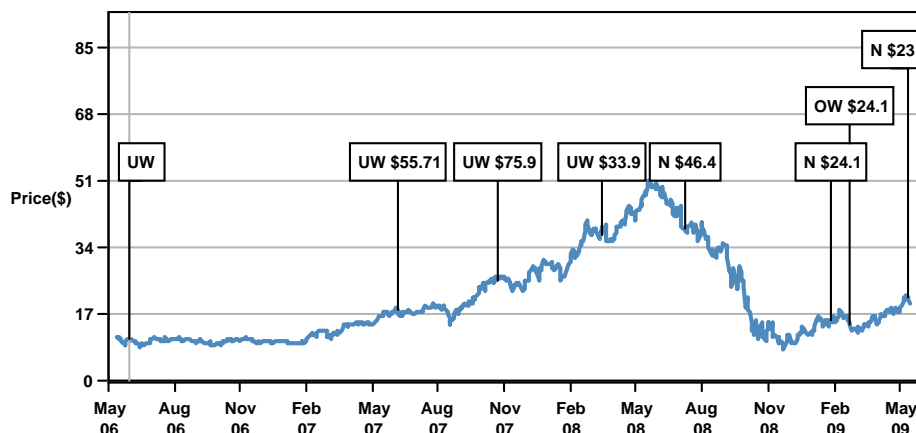
Coeur d'Alene (CDE) Price Chart



Date	Rating	Share Price (\$)	Price Target (\$)
29-Jan-07	N	4.31	-
08-Nov-07	OW	4.25	-
24-Sep-08	N	1.90	-

Source: Reuters and J.P. Morgan; price data adjusted for stock splits and dividends.
 This chart shows J.P. Morgan's continuing coverage of this stock; the current analyst may or may not have covered it over the entire period.
 J.P. Morgan ratings: OW = Overweight, N = Neutral, UW = Underweight.

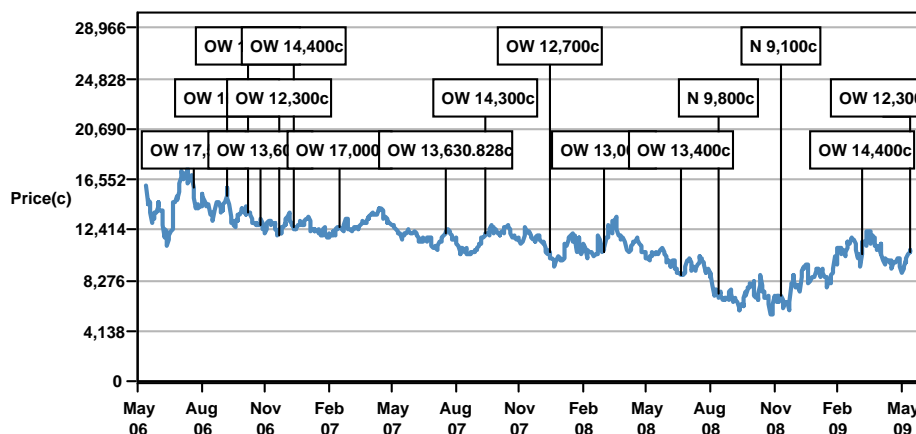
CSN (SID) Price Chart



Date	Rating	Share Price (\$)	Price Target (\$)
30-May-06	UW	10.70	-
04-Jun-07	UW	18.13	55.71
22-Oct-07	UW	25.40	75.90
13-Mar-08	UW	37.43	33.90
07-Jul-08	N	38.76	46.40
23-Jan-09	N	15.16	24.10
20-Feb-09	OW	14.53	24.10
12-May-09	N	21.45	23.00

Source: Reuters and J.P. Morgan; price data adjusted for stock splits and dividends.
 Break in coverage Oct 23, 2002 - Dec 18, 2002, and Aug 25, 2005 - May 30, 2006. This chart shows J.P. Morgan's continuing coverage of this stock; the current analyst may or may not have covered it over the entire period.
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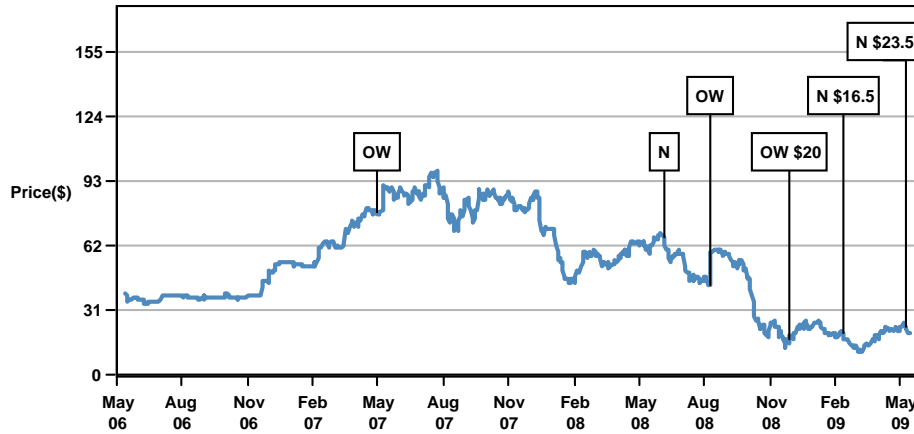
Gold Fields Ltd (GFIJ.J) Price Chart



Date	Rating	Share Price (c)	Price Target (c)
21-Jul-06	OW	15900	17500
06-Sep-06	OW	15240	16900
05-Oct-06	OW	13772	15600
23-Oct-06	OW	12880	13600
20-Nov-06	OW	11940	12300
12-Dec-06	OW	12600	14400
16-Feb-07	OW	12575	17000
17-Jul-07	OW	12155	13631
13-Sep-07	OW	12145	14300
13-Dec-07	OW	10600	12700
28-Feb-08	OW	10650	13000
20-Jun-08	OW	8750	13400
11-Aug-08	N	7083	9800
10-Nov-08	N	6950	9100
06-Mar-09	OW	10370	14400
13-May-09	OW	10500	12300

Source: Reuters and J.P. Morgan; price data adjusted for stock splits and dividends.
 Break in coverage Jan 30, 2004 - Mar 29, 2004. This chart shows J.P. Morgan's continuing coverage of this stock; the current analyst may or may not have covered it over the entire period.
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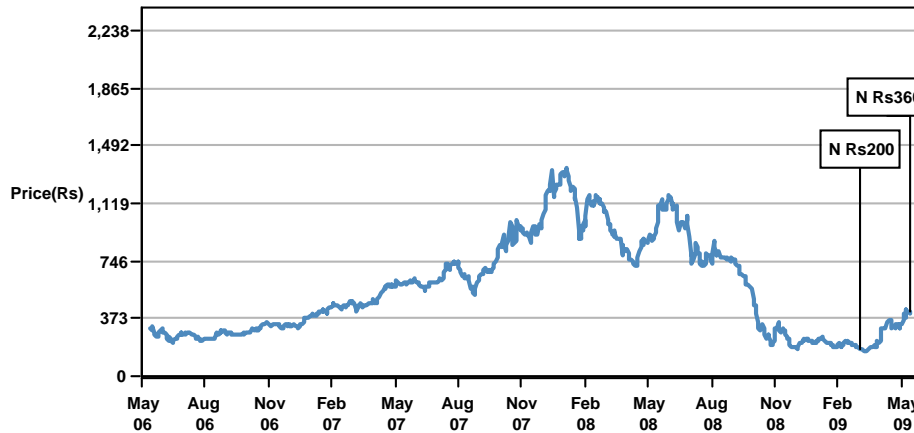
Haynes International (HAYN) Price Chart



Date	Rating	Share Price (\$)	Price Target (\$)
30-Apr-07	OW	77.96	-
05-Jun-08	N	65.90	-
07-Aug-08	OW	43.39	-
25-Nov-08	OW	16.95	20.00
10-Feb-09	N	19.69	16.50
08-May-09	N	23.07	23.50

Source: Reuters and J.P. Morgan; price data adjusted for stock splits and dividends.
 Initiated coverage Apr 30, 2007. This chart shows J.P. Morgan's continuing coverage of this stock; the current analyst may or may not have covered it over the entire period.
 J.P. Morgan ratings: OW = Overweight, N = Neutral, UW = Underweight.

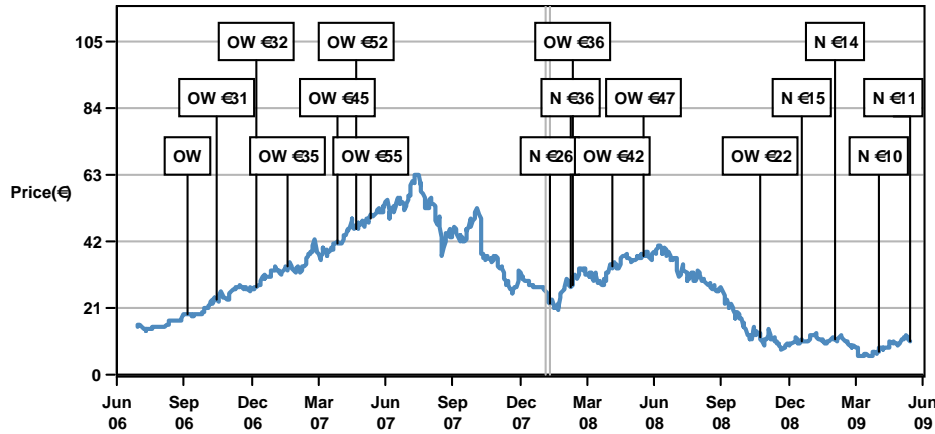
JSW Steel (JSTL.BO) Price Chart



Date	Rating	Share Price (Rs)	Price Target (Rs)
03-Mar-09	N	171.70	200.00
12-May-09	N	423.85	360.00

Source: Reuters and J.P. Morgan; price data adjusted for stock splits and dividends.
 Initiated coverage Mar 03, 2009. This chart shows J.P. Morgan's continuing coverage of this stock; the current analyst may or may not have covered it over the entire period.
 J.P. Morgan ratings: OW = Overweight, N = Neutral, UW = Underweight.

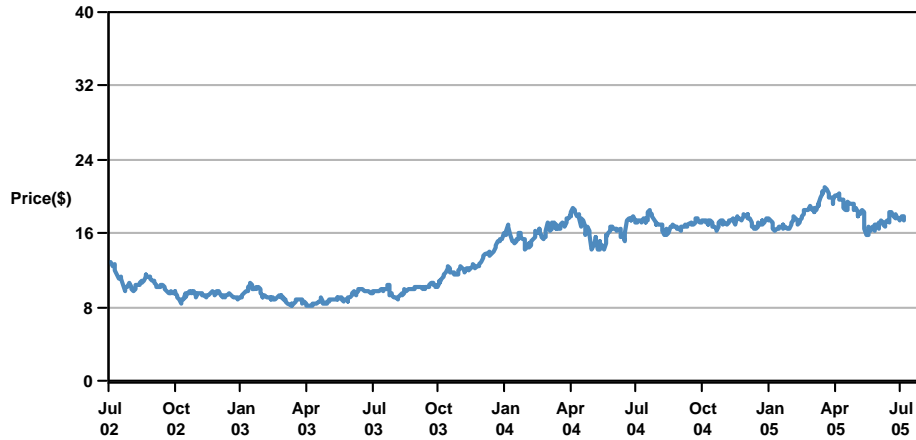
Klöckner & Co. (KCOGn.DE) Price Chart



Source: Reuters and J.P. Morgan; price data adjusted for stock splits and dividends.
 Initiated coverage Sep 06, 2006. Break in coverage Jan 05, 2008 - Jan 11, 2008. This chart shows J.P. Morgan's continuing coverage of this stock; the current analyst may or may not have covered it over the entire period.
 J.P. Morgan ratings: OW = Overweight, N = Neutral, UW = Underweight.

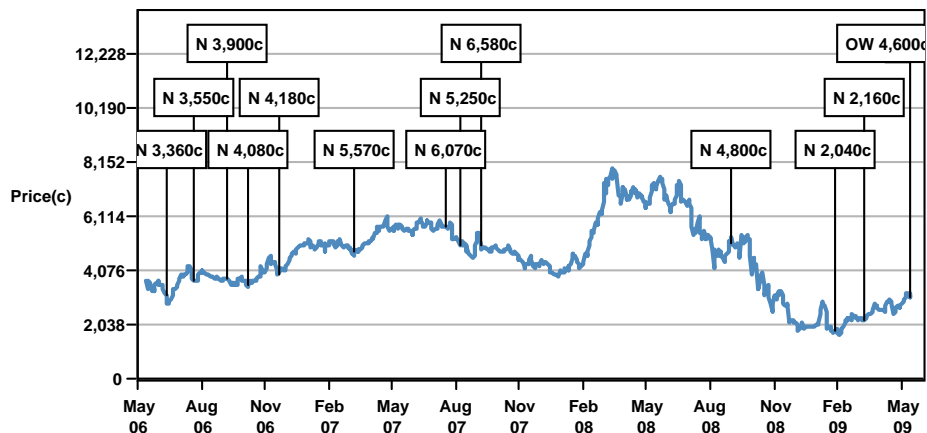
Date	Rating	Share Price (€)	Price Target (€)
06-Sep-06	OW	18.83	-
16-Oct-06	OW	23.84	31.00
07-Dec-06	OW	27.34	32.00
18-Jan-07	OW	33.94	35.00
27-Mar-07	OW	41.14	45.00
23-Apr-07	OW	46.00	52.00
11-May-07	OW	48.96	55.00
11-Jan-08	N	22.12	26.00
08-Feb-08	N	27.31	36.00
11-Feb-08	OW	28.32	36.00
03-Apr-08	OW	33.96	42.00
16-May-08	OW	37.20	47.00
23-Oct-08	OW	11.61	22.00
19-Dec-08	N	10.78	15.00
02-Feb-09	N	10.96	14.00
01-Apr-09	N	7.43	10.00
15-May-09	N	10.40	11.00

Noranda Aluminum (NRD) Price Chart



Source: Reuters and J.P. Morgan; price data adjusted for stock splits and dividends.
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 J.P. Morgan ratings: OW = Overweight, N = Neutral, UW = Underweight.

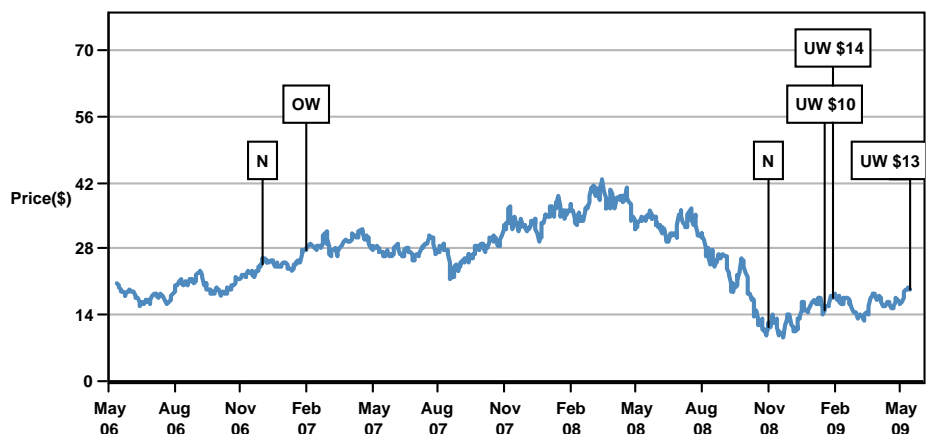
Northam Platinum Ltd (NHMJ.J) Price Chart



Date	Rating	Share Price (c)	Price Target (c)
12-Jun-06	N	3150	3360
21-Jul-06	N	3650	3550
06-Sep-06	N	3766	3900
05-Oct-06	N	3520	4080
20-Nov-06	N	3930	4180
07-Mar-07	N	4785	5570
16-Jul-07	N	5700	6070
06-Aug-07	N	4990	5250
06-Sep-07	N	5047	6580
28-Aug-08	N	5100	4800
26-Jan-09	N	1781	2040
09-Mar-09	N	2220	2160
14-May-09	OW	3065	4600

Source: Reuters and J.P. Morgan; price data adjusted for stock splits and dividends.
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 J.P. Morgan ratings: OW = Overweight, N = Neutral, UW = Underweight.

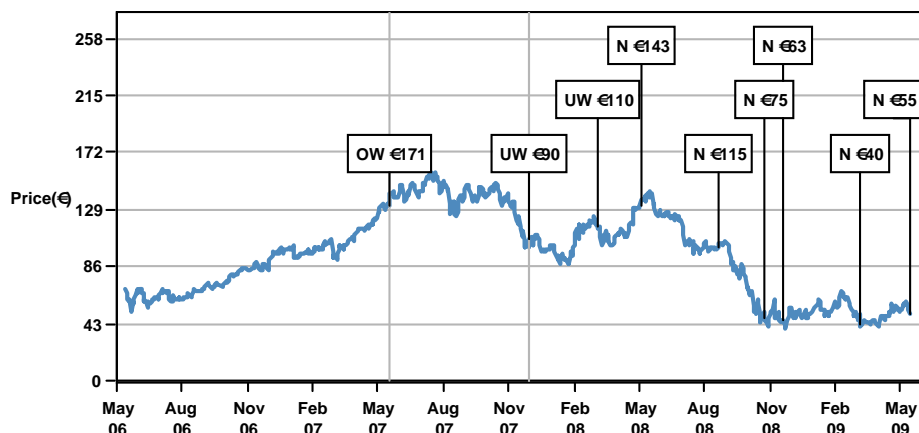
Pan American Silver (PAAS) Price Chart



Date	Rating	Share Price (\$)	Price Target (\$)
29-Nov-06	N	24.50	-
29-Jan-07	OW	27.78	-
30-Oct-08	N	11.46	-
16-Jan-09	UW	14.93	10.00
28-Jan-09	UW	17.63	14.00
14-May-09	UW	19.26	13.00

Source: Reuters and J.P. Morgan; price data adjusted for stock splits and dividends.
 Initiated coverage Nov 29, 2006. This chart shows J.P. Morgan's continuing coverage of this stock; the current analyst may or may not have covered it over the entire period.
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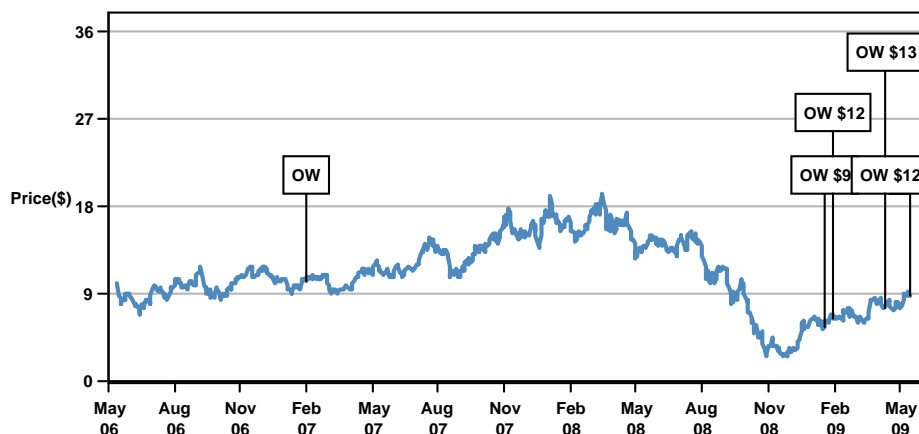
Salzgitter (SZGG.DE) Price Chart



Date	Rating	Share Price (€)	Price Target (€)
24-Jan-05	OW	69.26	17.97
17-May-07	OW	131.50	171.00
29-Nov-07	UW	106.30	90.00
03-Mar-08	UW	115.72	110.00
02-May-08	N	132.12	143.00
20-Aug-08	N	100.85	115.00
23-Oct-08	N	47.43	75.00
18-Nov-08	N	46.06	63.00
06-Mar-09	N	42.50	40.00
14-May-09	N	49.51	55.00

Source: Reuters and J.P. Morgan; price data adjusted for stock splits and dividends.
 Break in coverage Jun 17, 2005 - May 17, 2007, and Nov 27, 2007 - Nov 29, 2007. This chart shows J.P. Morgan's continuing coverage of this stock; the current analyst may or may not have covered it over the entire period.
 J.P. Morgan ratings: OW = Overweight, N = Neutral, UW = Underweight.

Silver Wheaton (SLW) Price Chart



Date	Rating	Share Price (\$)	Price Target (\$)
29-Jan-07	OW	10.25	-
16-Jan-09	OW	5.53	9.00
28-Jan-09	OW	6.45	12.00
08-Apr-09	OW	7.61	13.00
14-May-09	OW	8.85	12.00

Source: Reuters and J.P. Morgan; price data adjusted for stock splits and dividends.
 Initiated coverage Jan 29, 2007. This chart shows J.P. Morgan's continuing coverage of this stock; the current analyst may or may not have covered it over the entire period.
 J.P. Morgan ratings: OW = Overweight, N = Neutral, UW = Underweight.

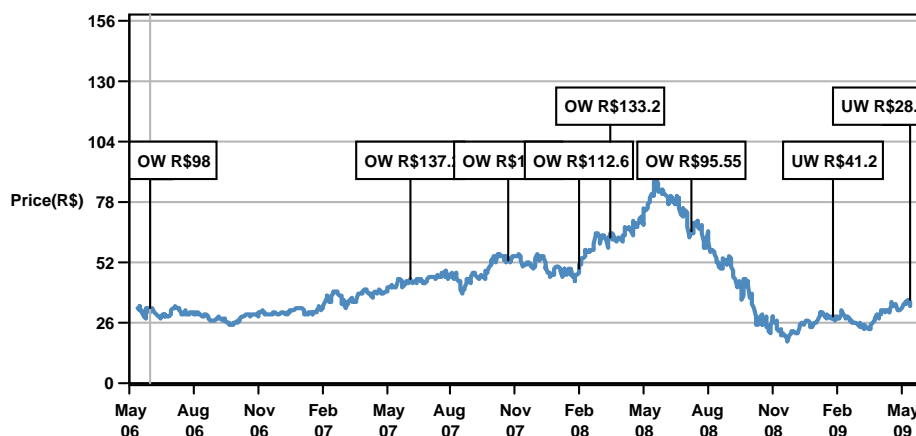
Thompson Creek Metals (TC) Price Chart



Date	Rating	Share Price (\$)	Price Target (\$)
27-Apr-09	OW	6.21	7.50
05-May-09	OW	7.68	10.00

Source: Reuters and J.P. Morgan; price data adjusted for stock splits and dividends.
 Initiated coverage Apr 27, 2009. This chart shows J.P. Morgan's continuing coverage of this stock; the current analyst may or may not have covered it over the entire period.
 J.P. Morgan ratings: OW = Overweight, N = Neutral, UW = Underweight.

Usiminas (USIM5.SA) Price Chart



Date	Rating	Share Price (R\$)	Price Target (R\$)
31-May-06	OW	32.54	98.00
04-Jun-07	OW	44.71	137.20
22-Oct-07	OW	52.55	172.30
30-Jan-08	OW	49.66	112.60
13-Mar-08	OW	63.11	133.20
07-Jul-08	OW	65.26	95.55
23-Jan-09	UW	28.93	41.20
12-May-09	UW	35.90	28.50

Source: Reuters and J.P. Morgan; price data adjusted for stock splits and dividends.
 Break in coverage Oct 30, 2002 - May 30, 2006. This chart shows J.P. Morgan's continuing coverage of this stock; the current analyst may or may not have covered it over the entire period.
 J.P. Morgan ratings: OW = Overweight, N = Neutral, UW = Underweight.

Explanation of Equity Research Ratings and Analyst(s) Coverage Universe:

J.P. Morgan uses the following rating system: **Overweight** [Over the next six to twelve months, we expect this stock will outperform the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] **Neutral** [Over the next six to twelve months, we expect this stock will perform in line with the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] **Underweight** [Over the next six to twelve months, we expect this stock will underperform the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] The analyst or analyst's team's coverage universe is the sector and/or country shown on the cover of each publication. See below for the specific stocks in the certifying analyst(s) coverage universe.

Coverage Universe: **Michael F. Gambardella:** AK Steel (AKS), Alcoa (AA), Allegheny Technologies (ATI), Arcelor Mittal (MT), Carpenter Technology (CRS), Century Aluminum Company (CENX), Cliffs Natural Resources (CLF), Commercial Metals (CMC), Dynamic Materials (BOOM), Freeport-McMoRan Copper & Gold (FCX), Gerdau Ameristeel (GNA), GrafTech International (GTI), Haynes International (HAYN), Nucor Corp. (NUE), Steel Dynamics (STLD), Teck Resources (TCKb.TO), Thompson Creek Metals (TC), U.S. Steel Corp (X), Worthington Industries (WOR)

Rodolfo R. De Angele, CFA: Bradespar (BRAP4.SA), CSN (SID), Gerdau S.A. (GGBR4.SA), Grupo Mexico (GMEXICOB.MX), Lupatech S.A. (LUPA3.SA), Southern Copper Corporation (PCU), Ternium (TX), Usiminas (USIM5.SA), Vale ON (RIO), Vale PN (RIO_p.N)

John Bridges CFA, ACSM: Agnico-Eagle Mines (AEM), Arch Coal (ACI), Barrick Gold (ABX), CONSOL Energy (CNX), Coeur d'Alene (CDE), Compania de Minas Buenaventura (BVN), Gold Reserve (GRZ), Goldcorp Inc (GG), Headwaters (HW), International Coal Group (ICO), Kinross Gold (KGC), Massey Energy (MEE), Newmont Mining (NEM), Pan American Silver (PAAS), Peabody Energy (BTU), Rentech Inc. (RTK), Silver Wheaton (SLW), Stillwater Mining (SWC)

David George: Alumina Limited (AWC.AX), BHP Billiton Limited (BHP.AX), Fortescue Metals Group Ltd (FMG.AX), Iluka Resources (ILU.AX), Rio Tinto Limited (RIO.AX)

Jeffrey Largey: Acerinox (ACX.MC), Antofagasta (ANTO.L), ArcelorMittal (ISPA.AS), Boliden (BOL.ST), Kazakhmys Plc (KAZ.L), Klöckner & Co. (KCOGn.DE), Norsk Hydro (NHY.OL), Outokumpu (OUTIV.HE), SSAB (SSABa.ST), Salzgitter (SZGG.DE), ThyssenKrupp (TKAG.DE), Vedanta Resources (VED.L), Voestalpine (VOES.VI), Xstrata (XTA.L)

Frank Li: Aluminum Corporation of China Limited (2600.HK), Angang Steel Company Limited - A (000898.SZ), Angang Steel Company Limited - H (0347.HK), Baoshan Iron & Steel - A (600019.SS), Brilliance China Automotive (1114.HK), China Coal Energy (1898.HK), China Shenhua Energy (1088.HK), Denway Motors (0203.HK), DongFeng Motor Co., Ltd. (0489.HK), Great Wall Motor Company Limited (2333.HK), Maanshan Iron and Steel - A (600808.SS), Maanshan Iron and Steel - H (0323.HK), Minth Group (0425.HK), Qingling Motors Co (1122.HK), Shandong Weigao Group Medical Polymer Co. Ltd. (8199.HK), Shougang Concord International (0697.HK), Sinotruk (3808.HK), WSP Holdings (WH), Weichai Power (2338.HK), Yanzhou Coal Mining - A (600188.SS), Yanzhou Coal Mining - H (1171.HK), Zijin Mining Group Co Ltd (2899.HK)

Steve Shepherd: Anglo American Platinum Corporation Ltd (AMSJ.J), AngloGold Ashanti Limited (ANGJ.J), Aquarius Platinum Limited (AQP.L), Aquarius Platinum Limited (SA) (AQPJ.J), DRDGold Ltd (DRDJ.J), Eastern Platinum Ltd. (EPSJ.J), Gold Fields Ltd (GFIJ.J), Harmony Gold Mining Co Ltd (HARJ.J), Impala Platinum Holdings Ltd (IMPJ.J), Lonmin plc (LML.L), Lonmin plc (LONJ.J) (LONJ.J), Northam Platinum Ltd (NHMJ.J), Randgold Resources Ltd (RRS.L)

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