# MORGAN STANLEY RESEARCH ASIA/PACIFIC

Morgan Stanley Asia Limited+

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Stock Rating Overweight Industry View Attractive

# **Zhaojin Mining Industry** F12 Beats on Higher Volume; Growth Remains on Track

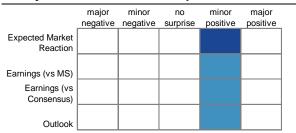
**Opinion on shares – positive:** We expect a positive reaction to a strong set of F12 results and positive outlook. We maintain our OW rating. 2013e P/E is 10.2x and P/B is 2.7x versus the global gold industry averages of 15.2x and 1.2x respectively.

**Opinion on result – slightly positive:** Zhaojin reported 2012 net profit of Rmb 1.92bn or EPS of Rmb 0.66/sh, beating our estimate and consensus by 8% and 6%, respectively. Mined gold output in 2012 grew 13.5% YoY to 18t; tolling volume increased 25.5% YoY to 9.6t. Although ASP increased 4% YoY, GP margin decreased by ~5ppts YoY due to higher production cost of gold. We cite lower-grade ores and higher volume of tolling. Cash dividend for 2012 will be Rmb0.24/sh (tax included).

# Opinion on outlook - continue focus on growth:

Zhaojin increased its reserves/resources by 24% and 20% respectively in 2012 through acquisition and exploration. The company guided it will continue to focus on M&A and exploration in 2013. It intended to acquire 20t of reserve and exploration rights with Rmb 1bn by carrying out M&A of large mining groups in Xinjiang, Gansu and internationally. It also intends to add >80t of gold reserve through exploration.

# Zhaojin F12 Results: First impression



Source: Morgan Stanley Research

# **Key Ratios and Statistics**

# Reuters: 1818.HK Bloomberg: 1818 HK

China Gold				
Shr price, close (Mar 22, 2013)			H	<b>&lt;</b> \$10.98
52-Week Range			HK\$14	.48-8.00
Sh out, dil, curr (mn)				2,966
Mkt cap, curr (mn)			Rm	b26,057
EV, curr (mn)			Rm	b27,576
Avg daily trading value (mn)				Rmb59
Fiscal Year ending	12/11	12/12e	12/13e	12/14e
ModelWare EPS (Rmb)	0.56	0.61	0.86	1.03
Consensus EPS (Rmb)§	0.62	0.62	0.74	0.74
Revenue, net (Rmb mn)	5,741	6,717	7,834	8,961
EBITDA (Rmb mn)	2,845	3,110	4,241	5,056
ModelWare net inc (Rmb mn)	1,662	1,813	2,554	3,053
P/E	17.9	15.9	10.2	8.5
P/BV	6.1	3.8	2.7	2.3
RNOA (%)	26.8	23.2	29.0	30.1
ROE (%)	30.8	27.5	33.5	31.5
EV/EBITDA	14.5	9.7	6.3	5.2
Div yld (%)	2.1	1.7	4.9	5.9
FCF yld ratio (%)	0.7	2.4	4.8	6.0
Leverage (EOP) (%) Unless otherwise noted, all metrics are	28.7 e based on	23.4 Morgan Sta	10.4 anlev Mode	6.1 Ware

Unless otherwise noted, all metrics are based on Morgan Stanley ModelWare framework (please see explanation later in this note).

framework (please see explanation later in this note). § = Consensus data is provided by Thomson Reuters Estimates.

e = Morgan Stanley Research estimates

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# For analyst certification and other important disclosures, refer to the Disclosure Section, located at the end of this report.

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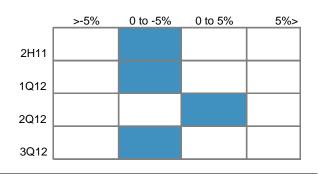
March 25, 2013 Zhaojin Mining Industry

# Exhibit 1 Zhaojin's recent track record Below MSe In-Line Above MSe 2H11 1Q12 2Q12 3Q12

Source: Company Data, Morgan Stanley Research

## Exhibit 2

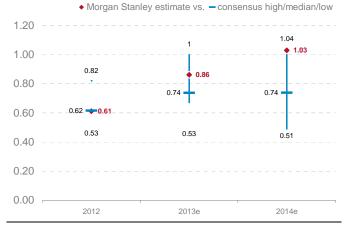
# Zhaojin's stock reaction to past results



Source: Thomson Reuters, Morgan Stanley Research

Exhibit 3

# Morgan Stanley vs. Consensus estimates



Source: Thomson Reuters, Morgan Stanley Research

# Exhibit 4 Zhaojin Mining: 2012 Results snapshot

			-	
(Rmb million)	2012	MS	diff %	YoY
Revenue	7,603	6,717	13%	32%
Gross profit	3,695	3,354	10%	21%
EBIT	2,857	2,505	14%	21%
Net income	1,924	1,813	6%	16%
EPS (Rmb)	0.66	0.61	8%	16%
EPS (HK\$)	0.74	0.69	8%	16%
Total Vol(Gold - kgs)	28	26	6%	17%
ASP (Rmb/g)	344	338	2%	4%

Source: Company Data, Morgan Stanley Research

# Exhibit 5

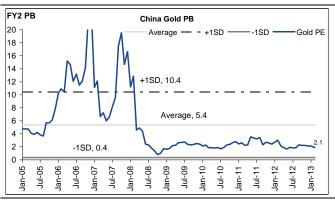
# Chinese Gold FY2 PE, above long-term average levels



Source: Company Data, Thomson Reuters, Morgan Stanley Research

# Exhibit 6 Chinese Gold FY2 PB, below long-term average

levels



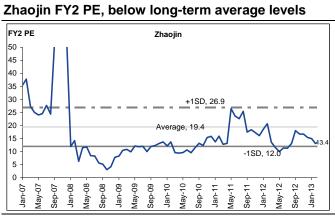
Source: Company Data, Thomson Reuters, Morgan Stanley Research

Exhibit 7

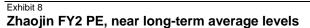
Exhibit 9

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Source: Company Data, Thomson Reuters, Morgan Stanley Research

# Morgan Stanley China Materials: Attractiveness Score

Morgan Stan	ley Asi	ia ex Japa	an Materia	ıls: Attra	activene	ss Score										Р	rices as at	March 2	24, 2013
			Eari	nings Tren	<u>ds</u>			Absolute N	lultiples	6		R	ating & F	<u>Ts</u>		Price pe	rformance	e & liquidity	Ĺ
Company name	SCORE	MS vs Consensus '13e	Net Gearing 2013e	Hist RNOA 2006-11a	Forecast RNOA '12 15e	- CAGR EPS (2012-15e)	P/E 13e	EV/ EBITDA '13e	PBV '13e	Div Yld '13e	Rating	Stock price (HKD)	Price target (HKD)	Return to PT	3-mo Perf.	Down from 52- wk High	Up from 52-wk low	Mkt cap US\$mn	Avg daily trading US\$mn
Gold:	1	16% e	16% e	32%	21% e	17% e	7.8 e	5.5 e	1.8 e	4.0%	Attractive			57%	(11%)	(23%)	23%	4,138	14
Zhaojin	1	16.83%	10% e	24%	27% e	19% e	10.2	6.3	2.7	4.9%	Overweight	10.98	16.00	46%	(7.9%)	(24%)	37%	4,195	10
Zijin	2	16.08%	20% e	36%	18% e	16% e	6.4	5.0	1.3	3.5%	Overweight	2.57	4.20	63%	(13.2%)	(22%)	15%	7,220	16
G-Resources	3	(16.53%)	(9%) e	(45%)	21% e	(382%) e	10.5	4.0	1.0	0.0%	Overweight	0.41	0.50	22%	15.5%	(20%)	41%	999	2
Cement	2	12%	84% e	16%	14% e	19% e	9.2 e	6.5 e	1.5 e	1.5%	In-Line			10%	(7%)	(20%)	39%	5,867	36
Anhui Conch	1	17.40%	25% e	18%	17% e	23% e	11.0	6.8	1.9	1.0%	Equal-Weight	26.15	30.00	15%	(6.1%)	(18%)	37%	17,850	43
Shanshui	2	5.72%	112% e	14%	13% e	17% e	5.4	4.3	1.0	4.6%	Equal-Weight	4.47	5.60	25%	(19.0%)	(32%)	15%	1,621	6
CNBM	3	14.38%	205% e	16%	12% e	16% e	5.7	6.0	1.2	1.9%	Equal-Weight	10.96	12.00	9%	(2.5%)	(14%)	55%	7,622	55
BBMG	3	8.35%	101% e	16%	10% e	2% e	6.2	6.2	0.9	1.6%	Equal-Weight	6.26	7.00	12%	(9.1%)	(19%)	38%	3,454	8
Sinoma	5	(2.79%)	140% e	12%	6% e	11% e	9.1	6.3	0.5	1.4%	Underweight	2.07	1.90	(8%)	(12.7%)	(37%)	16%	952	3
CR Cement	6	(12.70%)	79% e	12%	9% e	20% e	12.0	8.0	1.2	1.6%	Underweight	4.41	3.90	(12%)	(12.8%)	(32%)	32%	3,703	14
Steel:	3	5%	21% e	9%	7% e	(60%) e	23.7 e	4.8 e	0.7 e	3.5%	In-Line			0%	(4%)	(15%)	24%	6,664	16
Maanshan	1	NM	85% e	5%	3% e	(182%) e	17.2	5.9	0.5	0.0%	Equal-Weight	2.03	2.50	23%	(13.2%)	(28%)	39%	2,014	5
Baosteel	2	(0.29%)	(1%) e	9%	9% e	(3%) e	11.8	2.8	0.8	5.1%	Equal-Weight	4.84	5.00	3%	0.4%	(7%)	19%	13,644	20
Angang	3	26%	60% e	13%	2% e	(183%) e	64.3	10.7	0.6	0.0%	Underweight	4.65	3.70	(20%)	(15.8%)	(31%)	35%	4,333	7
Nonferrous:	4	(23%)	107% e	14%	10% e	(20%) e	213.1 e	5.7 e	1.2 e	1.6% e	In-Line			22%	(14%)	(24%)	10%	5,008	17
Jiangxi Copper	1	13.37%	4% e	21%	17% e	11% e	7.3	4.7	1.0	3.2%	Overweight	17.00	25.00	47%	(16.0%)	(23%)	10%	7,582	26
Chinalco Mining	2	65.74%	469% e	NM	8% e	305% e	NM	NM	3.0	0.0%	Overweight	1.26	1.90	51%	(23.2%)	(28%)	4%	1,918	5
Chalco	3	(102.63%)	123% e	9%	2% e	(176%) e	569.6	8.9	0.7	0.0%	Underweight	3.17	2.50	(21%)	(8.9%)	(25%)	11%	5,522	8
AP-Materials:		3% e	57%	16%	12%	(15%)	60.5 e	5.6 e	1.2 e	2.6% e				19%	(9%)	(20%)	25%	5,419	21

Source: Thomson Reuters, Morgan Stanley Research. e= Morgan Stanley Research Estimates. For valuation methodology and risks associated with any price target above, please email morganstanley.research@morganstanley.com with a request for valuation methodology and risks on a particular stock. Past performance is no guarantee of future results. Results shown do not include transaction costs.

# **Company Description**

Zhaojin Mining Industry Company Limited is engaged in exploration, mining, ore processing, smelting and the selling of gold and other metallic products. It is an integrated mining company specializing in the production of gold.

China Gold

**Industry View: Attractive** 

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# Exhibit 10 Global Precious Metals Comps

	Prices are as of close	22-Mar-13																	
Global	Precious Metals	Price	Price	MS	Market Cap			Last	Last 3	Last 12		% Off YTD	% Off YTD		2012e	2013e			
	Company Name	Local	Target	Rating		EV (MM, local FX)	Last 7 Days	Month	Months	Months	YTD	Hi	Low	2011 ROE	ROE	ROE			
676100	Anglo American Platinum Ltd	39,400.00	44,500.00	Equal-Weight	103196	113515	(4%)	(8%)	(11%)	(30%)	(12%)	(21%)	0%	7%	(3%)	10%			
617536	Aquarius Platinum Ltd	52.25	61.00	Equal-Weight	373	503	5%	(12%)	(8%)	(69%)	(8%)	(34%)	5%	19%	(18%)	(6%)			
ABX	Barrick Gold Corp	29.38	NA	Equal-Weight	29409	43923	3%	(4%)	(12%)	(32%)	(16%)	(17%)	3%	25%	16%	19%			
BVN	Compania De Minas Buenaventur	25.89	31.00	Equal-Weight	6588	6788	3%	0%	(26%)	(33%)	(28%)	(28%)	6%	33%	22%	18%			
1051-HK	G Resources Group Ltd	0.41	0.50	Overweight	999	871	2%	(5%)	15%	(14%)	12%	(13%)	12%	(3%)	(2%)	11%			
GG	Goldcorp Inc	33.56	NA	Equal-Weight	27921	27837	3%	3%	(5%)	(23%)	(9%)	(12%)	5%	9%	8%	7%			
645780	N/A	13,388.00	16,500.00	Overweight	81177	87388	-	-	-		-	N/A	N/A	15%	9%	6%			
KGC	Kinross Gold Corp	8.13	NA	Underweight	9314	8929	3%	6%	(13%)	(18%)	(16%)	(18%)	9%	7%	7%	8%			
663710	Newcrest Mining Ltd	22.30	31.30	Overweight	17059	19242	1%	3%	(1%)	(24%)	1%	(9%)	4%	21%	8%	6%			
NEM	Newmont Mining Corp	41.61	NA	Equal-Weight	20763	27152	5%	2%	(7%)	(21%)	(10%)	(11%)	8%	16%	14%	16%			
OZL-AU	Oz Minerals Ltd	5.35	8.50	Overweight	1642	983	(7%)	(21%)	(21%)	(45%)	(20%)	(30%)	0%	10%	5%	4%			
1818-HK	Zhaojin Mining Industry Co Ltd	10.98	15.00	Overweight	26057	27576	9%	5%	(8%)	(18%)	(9%)	(15%)	10%	31%	28%	33%			
2899-HK	Zijin Mining Group Co Ltd	2.57	4.20	Overweight	44853	56723	1%	(4%)	(13%)	(16%)	(16%)	(19%)	4%	26%	21%	24%			
	Average (\$USD)			-	\$12.257	\$14.440	1%	(3%)	(7%)	(26%)	(9%)	(16%)	4%	14%	6%	9%			
	Average (\$USD) Median (\$USD)				\$12,257 \$9,314	\$9,447	1%	(3%) 0%	(7%)	(26%)	(9%) (9%)	(16%)	4% 5%	14%	6% 8%	9% 8%			
	wedian (\$USD)				\$0,014	<i><i>vo</i>,<i>44i</i></i>	070	070	(1 /0)	124700	(0)0)								
	Median (\$USD)				\$5,514	\$5,447	0,0	0,0	(176)	(2470)	(0)0)								
											(070)	· · ·							
Global	Precious Metals				2011 EV/	2012e EV/	2013e EV/	2011 FCF	2012e FCF	2013e FCF		2012e	2013e		2012e Div	2013e Div	2011 Net	2012e Net	2013e Net
	Precious Metals Company Name	2011 P/E	2012e P/E	2013e P/E	2011 EV/ EBITDA	2012e EV/ EBITDA	2013e EV/ EBITDA	2011 FCF Yield	2012e FCF Yield	2013e FCF Yield	2011 P/BK	2012e P/BK	2013e P/BK	Yield	2012e Div Yield	2013e Div Yield	Debt/Cap	Debt/Cap	Debt/Cap
676100	Precious Metals Company Name Anglo American Platinum Ltd	39.3	NM	21.8	2011 EV/ EBITDA 13.0	2012e EV/ EBITDA NM	2013e EV/ EBITDA 17.6	2011 FCF Yield 4%	2012e FCF Yield (3%)	2013e FCF Yield (12%)	2011 P/BK 2.5	2012e P/BK 2.3	2013e P/BK 2.2	Yield 1.3%	2012e Div Yield 0.0%	2013e Div Yield 1.2%	Debt/Cap 6%	Debt/Cap 17%	Debt/Cap 21.0% e
676100 617536	Precious Metals Company Name Anglo American Platinum Ltd Aquarius Platinum Ltd	39.3 14.9	NM NM	21.8 NM	2011 EV/ EBITDA 13.0 8.1	2012e EV/ EBITDA NM NM	2013e EV/ EBITDA 17.6 27.0	2011 FCF Yield 4% (0%)	2012e FCF Yield (3%) (33%)	2013e FCF Yield (12%) (64%)	2011 P/BK 2.5 2.8	2012e P/BK 2.3 0.5	2013e P/BK 2.2 0.8	Yield 1.3% 1.6%	2012e Div Yield 0.0% 0.0%	2013e Div Yield 1.2% 0.0%	Debt/Cap 6% (4%)	Debt/Cap 17% 15%	Debt/Cap 21.0% e 34.0%
676100 617536 ABX	Precious Metals Company Name Anglo American Platinum Ltd Aquarius Platinum Ltd Barrick Gold Corp	39.3 14.9 9.7	NM NM 9.2	21.8 NM 7.0	2011 EV/ EBITDA 13.0 8.1 6.8	2012e EV/ EBITDA NM NM 9.0	2013e EV/ EBITDA 17.6 27.0 5.6	2011 FCF Yield 4% (0%) 1%	2012e FCF Yield (3%) (33%) (3%)	2013e FCF Yield (12%) (64%) (3%)	2011 P/BK 2.5 2.8 1.9	2012e P/BK 2.3 0.5 1.6	2013e P/BK 2.2 0.8 1.2	Yield 1.3% 1.6% 1.1%	2012e Div Yield 0.0% 0.0% 2.1%	2013e Div Yield 1.2% 0.0% 2.7%	Debt/Cap 6% (4%) 29%	Debt/Cap 17% 15% 33%	Debt/Cap 21.0% e 34.0% 32.6% e
676100 617536 ABX BVN	Precious Metals Company Name Anglo American Platinum Ltd Aquarius Platinum Ltd Barrick Gold Corp Compania De Minas Buenaventuf	39.3 14.9 9.7 11.3	NM NM 9.2 13.3	21.8 NM 7.0 9.9	2011 EV/ EBITDA 13.0 8.1 6.8 12.0	2012e EV/ EBITDA NM NM 9.0 17.6	2013e EV/ EBITDA 17.6 27.0 5.6 10.4	2011 FCF Yield 4% (0%) 1% 4%	2012e FCF Yield (3%) (3%) (3%) 2%	2013e FCF Yield (12%) (64%) (3%) 6%	2011 P/BK 2.5 2.8 1.9 3.1	2012e P/BK 2.3 0.5 1.6 2.5	2013e P/BK 2.2 0.8 1.2 1.6	Yield 1.3% 1.6% 1.1% 1.5%	2012e Div Yield 0.0% 0.0% 2.1% 0.0%	2013e Div Yield 1.2% 0.0% 2.7% 2.3%	Debt/Cap 6% (4%) 29% (14%)	Debt/Cap 17% 15% 33% (2%)	Debt/Cap 21.0% e 34.0% 32.6% e (2.8%) e
676100 617536 ABX BVN 1051-HK	Precious Metals Company Name Anglo American Platinum Ltd Aquarius Platinum Ltd Barrick Gold Corp Compania De Minas Buenaventu G Resources Group Ltd	39.3 14.9 9.7 11.3 NM	NM 9.2 13.3 NM	21.8 NM 7.0 9.9 10.5	2011 EV/ EBITDA 13.0 8.1 6.8 12.0 NM	2012e EV/ EBITDA NM 9.0 17.6 NM	2013e EV/ EBITDA 17.6 27.0 5.6 10.4 4.0	2011 FCF Yield 4% (0%) 1% 4% (19%)	2012e FCF Yield (3%) (3%) (3%) 2% (32%)	2013e FCF Yield (12%) (64%) (3%) 6% (4%)	2011 P/BK 2.5 2.8 1.9 3.1 1.9	2012e P/BK 2.3 0.5 1.6 2.5 1.2	2013e P/BK 2.2 0.8 1.2 1.6 1.0	Yield 1.3% 1.6% 1.1% 1.5% 0.0%	2012e Div Yield 0.0% 0.0% 2.1% 0.0% 0.0%	2013e Div Yield 1.2% 0.0% 2.7% 2.3% 0.0%	Debt/Cap 6% (4%) 29% (14%) (30%)	Debt/Cap 17% 15% 33% (2%) (17%)	Debt/Cap 21.0% e 34.0% 32.6% e (2.8%) e (9.7%) e
676100 617536 ABX BVN 1051-HK GG	Precious Metals Company Name Anglo American Platinum Lid Aquarius Platinum Lid Barrick Gold Corp Compania De Minas Buenaventur G Resources Group Lid Goldcorp Inc	39.3 14.9 9.7 11.3 NM 20.2	NM 9.2 13.3 NM 18.6	21.8 NM 7.0 9.9 10.5 18.6	2011 EV/ EBITDA 13.0 8.1 6.8 12.0 NM 11.6	2012e EV/ EBITDA NM 9.0 17.6 NM 10.3	2013e EV/ EBITDA 17.6 27.0 5.6 10.4 4.0 9.6	2011 FCF Yield 4% (0%) 1% 4% (19%) 1%	2012e FCF Yield (3%) (3%) (3%) 2% (32%) (1%)	2013e FCF Yield (12%) (64%) (3%) 6% (4%) (2%)	2011 P/BK 2.5 2.8 1.9 3.1 1.9 1.7	2012e P/BK 2.3 0.5 1.6 2.5 1.2 1.3	2013e P/BK 2.2 0.8 1.2 1.6 1.0 1.2	Yield 1.3% 1.6% 1.1% 1.5% 0.0% 0.9%	2012e Div Yield 0.0% 0.0% 2.1% 0.0% 0.0% 1.5%	2013e Div Yield 1.2% 0.0% 2.7% 2.3% 0.0% 1.8%	Debt/Cap 6% (4%) 29% (14%) (30%) (4%)	Debt/Cap 17% 15% 33% (2%) (17%) (1%)	Debt/Cap 21.0% e 34.0% 32.6% e (2.8%) e (9.7%) e 3.2% e
676100 617536 ABX BVN 1051-HK GG 645780	Precious Metals Company Name Anglo American Platinum Ltd Aquarias Platinum Ltd Barrick Gold Corp Compania De Minas Buenaventur G Resources Group Ltd Geldcorp Inc N/A	39.3 14.9 9.7 11.3 NM 20.2 16.6	NM 9.2 13.3 NM 18.6 19.6	21.8 NM 7.0 9.9 10.5 18.6 27.1	2011 EV/ EBITDA 13.0 8.1 6.8 12.0 NM 11.6 10.0	2012e EV/ EBITDA NM 9.0 17.6 NM 10.3 11.1	2013e EV/ EBITDA 17.6 27.0 5.6 10.4 4.0 9.6 12.1	2011 FCF Yield 4% (0%) 1% 4% (19%) 1% 2%	2012e FCF Yield (3%) (3%) (3%) (3%) (3%) (1%) (3%)	2013e FCF Yield (12%) (64%) (3%) 6% (4%) (2%) 0%	2011 P/BK 2.5 2.8 1.9 3.1 1.9 1.7 2.3	2012e P/BK 2.3 0.5 1.6 2.5 1.2 1.3 1.6	2013e P/BK 2.2 0.8 1.2 1.6 1.0 1.2 1.5	Yield 1.3% 1.6% 1.1% 1.5% 0.0% 0.9% 3.1%	2012e Div Yield 0.0% 0.0% 2.1% 0.0% 0.0% 1.5% 1.4%	2013e Div Yield 1.2% 0.0% 2.7% 2.3% 0.0% 1.8% 0.9%	Debt/Cap 6% (4%) 29% (14%) (30%) (4%) (3%)	Debt/Cap 17% 15% 33% (2%) (17%) (1%) 7%	Debt/Cap 21.0% e 34.0% 32.6% e (2.8%) e (9.7%) e 3.2% e 6.7%
676100 617536 ABX BVN 1051-HK GG 645780 KGC	Precious Metals Company Name Anglo American Platinum Lid Aquarius Platinum Lid Barrick Gold Corp Compania De Minas Buenawentuf G Resources Group Lid Goldcorp Inc NiA Kinnoss Gold Corp	39.3 14.9 9.7 11.3 NM 20.2 16.6 14.9	NM 9.2 13.3 NM 18.6 19.6 12.6	21.8 NM 7.0 9.9 10.5 18.6 27.1 11.3	2011 EV/ EBITDA 13.0 8.1 6.8 12.0 NM 11.6 10.0 5.8	2012e EV/ EBITDA NM 9.0 17.6 NM 10.3 11.1 NM	2013e EV/ EBITDA 17.6 27.0 5.6 10.4 4.0 9.6 12.1 4.4	2011 FCF Yield 4% (0%) 1% 4% (19%) 1% 2% (3%)	2012e FCF Yield (3%) (3%) (3%) (3%) (3%) (3%) (1%) (3%) (6%)	2013e FCF Yield (12%) (64%) (3%) 6% (4%) (2%) 0% (0%)	2011 P/BK 2.5 2.8 1.9 3.1 1.9 1.7 2.3 1.1	2012e P/BK 2.3 0.5 1.6 2.5 1.2 1.3 1.6 1.1	2013e P/BK 2.2 0.8 1.2 1.6 1.0 1.2 1.5 0.9	Yield 1.3% 1.6% 1.1% 1.5% 0.0% 0.9% 3.1% 1.0%	2012e Div Yield 0.0% 0.0% 2.1% 0.0% 0.0% 1.5% 1.4% 1.6%	2013e Div Yield 1.2% 0.0% 2.7% 2.3% 0.0% 1.8% 0.9% 2.0%	Debt/Cap 6% (4%) 29% (14%) (30%) (4%) (3%) (3%) (2%)	Debt/Cap 17% 15% 33% (2%) (17%) (1%) 7% 6%	Debt/Cap 21.0% e 34.0% 32.6% e (2.8%) e (9.7%) e 3.2% e 6.7% 7.6% e
676100 617536 ABX BVN 1051-HK GG 645780 KGC 663710	Precious Metals Company Name Anglo Anneiros Plainum Ltd Aquarius Plainum Ltd Barrick Gdd Corp Compania De Minas Buenaventur G Resources Group Ltd Gddcorp Inc N/A Kinross Gdd Corp Newcrest Mining Ltd	39.3 14.9 9.7 11.3 NM 20.2 16.6 14.9 27.1	NM 9.2 13.3 NM 18.6 19.6 12.6 16.0	21.8 NM 7.0 9.9 10.5 18.6 27.1 11.3 20.2	2011 EV/ EBITDA 13.0 8.1 6.8 12.0 NM 11.6 10.0 5.8 14.3	2012e EV/ EBITDA NM 9.0 17.6 NM 10.3 11.1 NM 9.1	2013e EV/ EBITDA 17.6 27.0 5.6 10.4 4.0 9.6 12.1 4.4 11.0	2011 FCF Yield 4% (0%) 1% 4% (19%) 1% 2% (3%) (1%)	2012e FCF Yield (3%) (3%) (3%) (3%) (3%) (3%) (1%) (3%) (6%) (5%)	2013e FCF Yield (12%) (64%) (3%) 6% (4%) (2%) (2%) 0% (0%) (5%)	2011 P/BK 2.5 2.8 1.9 3.1 1.9 1.7 2.3 1.1 2.1	2012e P/BK 2.3 0.5 1.6 2.5 1.2 1.3 1.6 1.1 1.2	2013e P/BK 2.2 0.8 1.2 1.6 1.0 1.2 1.5 0.9 1.1	Yield 1.3% 1.6% 1.1% 1.5% 0.0% 0.9% 3.1% 1.0% 1.3%	2012e Div Yield 0.0% 0.0% 0.0% 0.0% 1.5% 1.4% 1.6% 1.5%	2013e Div Yield 1.2% 0.0% 2.7% 2.3% 0.0% 1.8% 0.9% 2.0% 1.6%	Debt/Cap 6% (4%) 29% (14%) (30%) (4%) (3%) (2%) 4%	Debt/Cap 17% 15% (2%) (17%) (1%) 7% 6% 12%	Debt/Cap 21.0% e 34.0% 32.6% e (2.8%) e (9.7%) e 3.2% e 6.7% 7.6% e 15.7%
676100 617536 ABX BVN 1051-HK GG 645780 KGC 663710 NEM	Precious Metals Company Name Anglo American Platinum Lid Aquarkas Platinum Lid Aquarkas Platinum Lid Garacources Group Lid Galdcorp Inc NiA Kinross Gold Corp Newcrest Mining Lid Newmont Mining Gorp	39.3 14.9 9.7 11.3 NM 20.2 16.6 14.9 27.1 13.9	NM 9.2 13.3 NM 18.6 19.6 12.6 16.0 12.6	21.8 NM 7.0 9.9 10.5 18.6 27.1 11.3 20.2 9.6	2011 EV/ EBITDA 13.0 8.1 6.8 12.0 NM 11.6 10.0 5.8 14.3 10.7	2012e EV/ EBITDA NM 9.0 17.5 NM 10.3 11.1 NM 9.1 7.0	2013e EV/ EBITDA 17.6 27.0 5.6 10.4 4.0 9.6 12.1 4.4 11.0 5.6	2011 FCF Yield 4% (0%) 1% 4% (19%) 1% 2% (3%) (1%) (13%)	2012e FCF Yield (3%) (3%) (3%) 2% (32%) (1%) (3%) (6%) (5%) (5%)	2013e FCF Yield (12%) (64%) (3%) 6% (4%) (2%) 0% (0%) (5%) 5%	2011 P/BK 2.5 2.8 1.9 3.1 1.9 1.7 2.3 1.1 2.1 2.3	2012e P/BK 2.3 0.5 1.6 2.5 1.2 1.3 1.6 1.1 1.2 1.7	2013e P/BK 2.2 0.8 1.2 1.6 1.0 1.2 1.5 0.9 1.1 1.4	Yield 1.3% 1.6% 1.1% 1.5% 0.0% 0.9% 3.1% 1.0% 1.3% 1.7%	2012e Div Yield 0.0% 0.0% 0.0% 0.0% 1.5% 1.4% 1.6% 1.5% 3.2%	2013e Div Yield 1.2% 0.0% 2.7% 2.3% 0.0% 1.8% 0.9% 2.0% 1.6% 4.1%	Debt/Cap 6% (4%) 29% (14%) (30%) (4%) (3%) (2%) 4% 7%	Debt/Cap 17% 15% (2%) (17%) (1%) 7% 6% 12% 16%	Debt/Cap 21.0% e 34.0% e (2.8%) e (9.7%) e 3.2% e 6.7% 7.6% e 15.7% 13.0% e
676100 617536 ABX BVN 1051-HK GG 645780 KGC 663710 NEM 639782	Precious Metals Company Name Anglo Anneiron Plainum Ltd Aquarius Plainum Ltd Barrick Gdd Corp Compania De Minas Buenaventuf Grebources Group Ltd Grebources Group Ltd Grebources Group Ltd Grebources Gold Corp N/A Kinross Gold Corp Newcrest Mining Ltd Newmont Mining Corp Oz Minerals Ltd	39.3 14.9 9.7 11.3 NM 20.2 16.6 14.9 27.1 13.9 10.0	NM 9.2 13.3 NM 18.6 19.6 12.6 16.0 12.6 14.8	21.8 NM 7.0 9.9 10.5 18.6 27.1 11.3 20.2 9.6 16.4	2011 EV/ EBITDA 13.0 8.1 6.8 12.0 NM 11.6 10.0 5.8 14.3 10.7 4.0	2012e EV/ EBITDA NM 9.0 17.6 NM 10.3 11.1 NM 9.1 7.0 4.3	2013e EV/ EBITDA 17.6 27.0 5.6 10.4 4.0 9.6 12.1 4.4 11.0 5.6 2.4	2011 FCF Yield 4% (0%) 1% 4% (19%) 1% 2% (3%) (1%) (13%) 16%	2012e FCF Yield (3%) (3%) (3%) (3%) (3%) (3%) (3%) (3%)	2013e FCF Yield (12%) (64%) (3%) 6% (4%) (2%) 0% (0%) (5%) 5% 22%	2011 P/BK 2.5 2.8 1.9 3.1 1.7 2.3 1.1 2.1 2.3 1.1	2012e P/BK 2.3 0.5 1.6 2.5 1.2 1.3 1.6 1.1 1.2 1.7 0.7	2013e P/BK 2.2 0.8 1.2 1.6 1.0 1.2 1.5 0.9 1.1 1.4 0.6	Yield 1.3% 1.6% 1.1% 1.5% 0.0% 0.9% 3.1% 1.0% 1.3%	2012e Div Yield 0.0% 0.0% 0.0% 0.0% 1.5% 1.4% 1.6% 1.5% 3.2%	2013e Div Yield 1.2% 0.0% 2.7% 2.3% 0.0% 1.8% 0.9% 2.0% 1.6% 4.1% 3.1%	Debt/Cap 6% (4%) 29% (14%) (3%) (4%) (3%) (2%) 4% 7% (46%)	Debt/Cap 17% 15% 33% (2%) (17%) (1%) 7% 6% 12% 16% (31%)	Debt/Cap 21.0% e 34.0% 32.6% e (2.8%) e (9.7%) e 3.2% e 6.7% 7.6% e 15.7% 13.0% e (50.8%) e
676100 617536 ABX BVN 1051-HK GG 645780 KGC 663710 NEM 639782 1818-HK	Precious Metals Company Name Anglo American Platinum Lid Agarrick Gold Corp Compania De Minas Buenaventur G Resources Group Lid Goldcorp Inc N/A Kinross Gold Corp Newcrest Mining Lid Newmont Mining Corp O'z Minerals Lid Zhaojin Mining Industry Co Lid	39.3 14.9 9.7 11.3 NM 20.2 16.6 14.9 27.1 13.9 10.0 17.9	NM 9.2 13.3 NM 18.6 19.6 12.6 16.0 12.6 14.8 15.9	21.8 NM 7.0 9.9 10.5 18.6 27.1 11.3 20.2 9.6 16.4 10.2	2011 EV/ EBITDA 13.0 8.1 6.8 12.0 NM 11.6 10.0 5.8 14.3 10.7 4.0 14.5	2012e EV/ EBITDA NM 9.0 17.6 NM 10.3 11.1 NM 9.1 7.0 4.3 9.7	2013e EV/ EBITDA 17.6 27.0 5.6 10.4 4.0 9.6 12.1 4.4 11.0 5.6 2.4 6.3	2011 FCF Yield 4% (0%) 1% 4% (19%) 1% 2% (3%) (1%) (13%) 16% 1%	2012e FCF Yield (3%) (3%) (3%) (3%) (3%) (3%) (3%) (5%) (5%) (5%) (5%) 3%	2013e FCF Yield (12%) (64%) (3%) 6% (4%) (2%) (0%) (5%) 5% 5%	2011 P/BK 2.5 2.8 1.9 3.1 1.9 1.7 2.3 1.1 2.3 1.1 2.1 2.3 1.1 6.1	<b>2012e</b> <b>P/BK</b> 2.3 0.5 1.6 2.5 1.2 1.3 1.6 1.1 1.2 1.7 3.8	2013e P/BK 2.2 0.8 1.2 1.6 1.0 1.2 1.5 0.9 1.1 1.4 0.6 2.7	Yield 1.3% 1.6% 1.1% 1.5% 0.0% 0.9% 3.1% 1.0% 1.3% 1.7% 6.0% 2.1%	2012e Div Yield 0.0% 0.0% 2.1% 0.0% 1.5% 1.4% 1.6% 1.5% 3.2% 4.5% 1.7%	2013e Div Yield 1.2% 0.0% 2.7% 2.3% 0.0% 1.8% 2.0% 1.6% 4.1% 3.1% 4.9%	Debt/Cap 6% (4%) 29% (14%) (30%) (3%) (3%) (2%) 4% 7% (4%) (2%) 23%	Debt/Cap 17% 15% 33% (2%) (1%) 7% 6% 12% 16% (31%) 20%	Debt/Cap 21.0% e 34.0% a 2.6% e (2.8%) e (3.7%) e 3.2% e 6.7% 7.6% e 15.7% 13.0% e (50.8%) e 9.7% e
676100 617536 ABX BVN 1051-HK GG 645780 KGC 663710 NEM 639782	Precious Metals Company Name Anglo Anneiron Plainum Ltd Aquarius Plainum Ltd Barrick Gdd Corp Compania De Minas Buenaventuf Grebources Group Ltd Grebources Group Ltd Grebources Group Ltd Grebources Gold Corp N/A Kinross Gold Corp Newcrest Mining Ltd Newmont Mining Corp Oz Minerals Ltd	39.3 14.9 9.7 11.3 NM 20.2 16.6 14.9 27.1 13.9 10.0	NM 9.2 13.3 NM 18.6 19.6 12.6 16.0 12.6 14.8	21.8 NM 7.0 9.9 10.5 18.6 27.1 11.3 20.2 9.6 16.4	2011 EV/ EBITDA 13.0 8.1 6.8 12.0 NM 11.6 10.0 5.8 14.3 10.7 4.0	2012e EV/ EBITDA NM 9.0 17.6 NM 10.3 11.1 NM 9.1 7.0 4.3	2013e EV/ EBITDA 17.6 27.0 5.6 10.4 4.0 9.6 12.1 4.4 11.0 5.6 2.4	2011 FCF Yield 4% (0%) 1% 4% (19%) 1% 2% (3%) (1%) (13%) 16%	2012e FCF Yield (3%) (3%) (3%) (3%) (3%) (3%) (3%) (3%)	2013e FCF Yield (12%) (64%) (3%) 6% (4%) (2%) 0% (0%) (5%) 5% 22%	2011 P/BK 2.5 2.8 1.9 3.1 1.7 2.3 1.1 2.1 2.3 1.1	2012e P/BK 2.3 0.5 1.6 2.5 1.2 1.3 1.6 1.1 1.2 1.7 0.7	2013e P/BK 2.2 0.8 1.2 1.6 1.0 1.2 1.5 0.9 1.1 1.4 0.6	Yield 1.3% 1.6% 1.1% 1.5% 0.9% 3.1% 1.0% 1.3% 1.7% 6.0%	2012e Div Yield 0.0% 0.0% 0.0% 0.0% 1.5% 1.4% 1.6% 1.5% 3.2%	2013e Div Yield 1.2% 0.0% 2.7% 2.3% 0.0% 1.8% 0.9% 2.0% 1.6% 4.1% 3.1%	Debt/Cap 6% (4%) 29% (14%) (3%) (4%) (3%) (2%) 4% 7% (46%)	Debt/Cap 17% 15% 33% (2%) (17%) (1%) 7% 6% 12% 16% (31%)	Debt/Cap 21.0% e 34.0% 32.6% e (2.8%) e (9.7%) e 3.2% e 6.7% 7.6% e 15.7% 13.0% e (50.8%) e
676100 617536 ABX BVN 1051-HK GG 645780 KGC 663710 NEM 639782 1818-HK	Precious Metals Company Name Anglo American Platinum Lid Agarrick Gold Corp Compania De Minas Buenaventur G Resources Group Lid Goldcorp Inc N/A Kinross Gold Corp Newcrest Mining Lid Newmont Mining Corp O'z Minerals Lid Zhaojin Mining Industry Co Lid	39.3 14.9 9.7 11.3 NM 20.2 16.6 14.9 27.1 13.9 10.0 17.9	NM 9.2 13.3 NM 18.6 19.6 12.6 16.0 12.6 14.8 15.9	21.8 NM 7.0 9.9 10.5 18.6 27.1 11.3 20.2 9.6 16.4 10.2	2011 EV/ EBITDA 13.0 8.1 6.8 12.0 NM 11.6 10.0 5.8 14.3 10.7 4.0 14.5	2012e EV/ EBITDA NM 9.0 17.6 NM 10.3 11.1 NM 9.1 7.0 4.3 9.7	2013e EV/ EBITDA 17.6 27.0 5.6 10.4 4.0 9.6 12.1 4.4 11.0 5.6 2.4 6.3	2011 FCF Yield 4% (0%) 1% 4% (19%) 1% 2% (3%) (1%) (13%) 16% 1%	2012e FCF Yield (3%) (3%) (3%) (3%) (3%) (3%) (3%) (5%) (5%) (5%) (5%) 3%	2013e FCF Yield (12%) (64%) (3%) 6% (4%) (2%) (0%) (5%) 5% 5%	2011 P/BK 2.5 2.8 1.9 3.1 1.9 1.7 2.3 1.1 2.3 1.1 2.1 2.3 1.1 6.1	<b>2012e</b> <b>P/BK</b> 2.3 0.5 1.6 2.5 1.2 1.3 1.6 1.1 1.2 1.7 3.8	2013e P/BK 2.2 0.8 1.2 1.6 1.0 1.2 1.5 0.9 1.1 1.4 0.6 2.7	Yield 1.3% 1.6% 1.1% 1.5% 0.0% 0.9% 3.1% 1.0% 1.3% 1.7% 6.0% 2.1%	2012e Div Yield 0.0% 0.0% 2.1% 0.0% 1.5% 1.4% 1.6% 1.5% 3.2% 4.5% 1.7%	2013e Div Yield 1.2% 0.0% 2.7% 2.3% 0.0% 1.8% 2.0% 1.6% 4.1% 3.1% 4.9%	Debt/Cap 6% (4%) 29% (14%) (30%) (3%) (3%) (2%) 4% 7% (4%) (2%) 23%	Debt/Cap 17% 15% 33% (2%) (1%) 7% 6% 12% 16% (31%) 20%	Debt/Cap 21.0% e 34.0% a 2.6% e (2.8%) e (3.7%) e 3.2% e 6.7% 7.6% e 15.7% 13.0% e (50.8%) e 9.7% e

For valuation methodology and risks associated with any other price targets above, email morganstanley.research@morganstanley.com with a request for valuation methodology and risks on a particular stock. Source: Thomson Reuters, Morgan Stanley Research. e= Morgan Stanley Research Estimates

## MORGAN STANLEY RESEARCH

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## MORGAN STANLEY

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The following analysts hereby certify that their views about the companies and their securities discussed in this report are accurately expressed and that they have not received and will not receive direct or indirect compensation in exchange for expressing specific recommendations or views in this report: Rachel Zhang.

Unless otherwise stated, the individuals listed on the cover page of this report are research analysts.

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## **Global Stock Ratings Distribution**

(as of February 28, 2013)

For disclosure purposes only (in accordance with NASD and NYSE requirements), we include the category headings of Buy, Hold, and Sell alongside our ratings of Overweight, Equal-weight, Not-Rated and Underweight. Morgan Stanley does not assign ratings of Buy, Hold or Sell to the stocks we cover. Overweight, Equal-weight, Not-Rated and Underweight are not the equivalent of buy, hold, and sell but represent recommended relative weightings (see definitions below). To satisfy regulatory requirements, we correspond Overweight, our most positive stock rating, with a buy recommendation; we correspond Equal-weight and Not-Rated to hold and Underweight to sell recommendations, respectively.

	Coverage U	niverse	Investment	Banking Clie	ents (IBC)
-		% of		% of 9	% of Rating
Stock Rating Category	Count	Total	Count	Total IBC	Category
Overweight/Buy	1025	36%	394	39%	38%
Equal-weight/Hold	1242	44%	477	47%	38%
Not-Rated/Hold	104	4%	26	3%	25%
Underweight/Sell	474	17%	114	11%	24%
Total	2,845		1011		

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Data include common stock and ADRs currently assigned ratings. An investor's decision to buy or sell a stock should depend on individual circumstances (such as the investor's existing holdings) and other considerations. Investment Banking Clients are companies from whom Morgan Stanley received investment banking compensation in the last 12 months.

## Analyst Stock Ratings

Overweight (O or Over) - The stock's total return is expected to exceed the total return of the relevant country MSCI Index, on a risk-adjusted basis over the next 12-18 months. Equal-weight (E or Equal) - The stock's total return is expected to be in line with the total return of the relevant country MSCI Index, on a risk-adjusted basis over the next 12-18 months. Not-Rated (NR) - Currently the analyst does not have adequate conviction about the stock's total return relative to the relevant country MSCI Index on

a risk-adjusted basis, over the next 12-18 months.

Underweight (U or Under) - The stock's total return is expected to be below the total return of the relevant country MSCI Index, on a risk-adjusted basis, over the next 12-18 months.

Unless otherwise specified, the time frame for price targets included in Morgan Stanley Research is 12 to 18 months.

## Analyst Industry Views

Attractive (A): The analyst expects the performance of his or her industry coverage universe over the next 12-18 months to be attractive vs. the relevant broad market benchmark, as indicated below.

In-Line (I): The analyst expects the performance of his or her industry coverage universe over the next 12-18 months to be in line with the relevant broad market benchmark, as indicated below. Cautious (C): The analyst views the performance of his or her industry coverage universe over the next 12-18 months with caution vs. the relevant

broad market benchmark, as indicated below. Benchmarks for each region are as follows: North America - S&P 500; Latin America - relevant MSCI country index or MSCI Latin America Index;

Europe - MSCI Europe; Japan - TOPIX; Asia - relevant MSCI country index.

## Stock Price, Price Target and Rating History (See Rating Definitions)



Stock Rating History: 3/1/10 : 0/I; 10/6/10 : E/I; 10/3/11 : 0/I; 12/1/11 : 0/A

Price Target History: 2/5/10 : 9.3; 6/23/10 : 10.3; 10/6/10 : 13.3; 1/17/11 : 16.7; 7/26/11 : 19;

1/17/12 : 18.61; 6/28/12 : 15.45; 8/20/12 : 12; 10/4/12 : 16.5; 1/24/13 : 16

Source: Morgan Stanley Research Date Format : MM/DD/YY Price Target --No Price Target Assigned (NA) Stock Price (Not Covered by Current Analyst) — Stock Price (Covered by Current Analyst) —

Stock and Industry Ratings(abbreviations below) appear as ♦ Stock Rating/Industry View

Stock Ratings: Overweight(O) Equal-weight(E) Underweight(U) Not-Rated(NR) More Volatile(V) No Rating Available(NA) Industry View: Attractive (A) In-line (I) Cautious (C) No Rating (NR)

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### MORGAN STANLEY RESEARCH

March 25, 2013 **Zhaojin Mining Industry** 

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## MORGAN STANLEY RESEARCH

March 25, 2013 Zhaojin Mining Industry

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# Industry Coverage:China Gold

Company (Ticker)	Rating (as of) Price	e* (03/22/2013)
Rachel L Zhang		
Zhaojin Mining Industry (1818.HK)	O (10/03/2011)	HK\$10.98
Zijin Mining Group (2899.HK)	O (12/01/2011)	HK\$2.57

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