Nickel Sulphide Miners



21 July 2008

Buy a Nickel, Get a Dime

Stock prices of nickel sulphide miners have been hit particularly hard recently. Higher costs and lower nickel prices mean lower profits are expected this year, after last year's records, and even lower in FY10. However, industry-wide cost increases have affected the larger scale laterite producers more and the sulphide miners have moved down the cost curve as a result. Sentiment around nickel has deteriorated as a maturing of the Chinese nickel pig iron production has lowered the cost of incremental production, however over the same period the cost of key inputs for laterite production have increased dramatically. Increases in the price sulphur, diesel, power/gas have increased the cost of laterite production markedly even before taking into account recapturing the ever increasing cost of capital for such projects. Laterites account for 50% of the world's nickel production and such a large lift in the cost curve reminds us why there was a spate of consolidation of nickel sulphide miners over the past two years. With their strong balance sheets and high margin production our nickel sulphide miners continue to operate at high margins and the whole sector is cheap.

Panoramic Resources Ltd (\$2.40) - BUY

Panoramic Resources (PAN) (formerly Sally Malay Mining (SMY)) is adding new production from Copernicus and increased mining rates at Lanfranchi in FY09. Drilling of Deacon, the Northern side of the Tramways Dome and the Sally Malay Deeps all have the potential to add significant value to PAN in FY09. Strong production growth underpins our \$5.49/sh price target but further exploration success seems certain along the way.

Mincor Resources NL (\$2.13) - BUY

MCR has the dominant land holding in the rich Kambalda region and an active exploration program means we have confidence of further discoveries. FY09 production should near 20kt of nickel in concentrate in FY09 making it the largest Australian nickel producer ex BHP and MRE. Our price target is \$3.59/sh.

Independence Group NL (\$3.31) – BUY

IGO continues to deliver strong returns from its high-grade, low-cost Long Shaft operation despite a widening spread of working areas and increasing mine depth capping the production rate. Its 30% equity in the Tropicana Gold JV accounts for ~50% of its ex-cash share price. Given the pullback in the IGO share price AngloGold Ashanti must surely be running the ruler over IGO again. Our price target is \$4.86/sh.

Albidon Ltd (\$2.68) - BUY

With ALB finalising the commissioning of its Munali mine, takeover talk is never far away. With its low cost production, ALB represents an attractive bolt-on acquisition for any miner and OZ Minerals (OXR), any remaining North American or possibly a Russian company seem the most likely acquirers. ALB's management team has performed very strongly to date and a smooth ramp up should see the stock re-rated toward our price target of \$4.58/sh.

Mirabela Nickel Ltd (\$5.02) – BUY

MBN holds the most strategic long life nickel sulphide asset under our coverage and is the most leveraged to higher nickel prices in the longer term. Deeper drilling has confirmed Santa Rita is indeed a *'Tier One'* asset and its natural owner is a major (Vale already holds 9.2%). A 1Mt nickel resource is on the horizon and value continues to be added to the project as it moves through construction. As production nears we see large upside from the current share price and expect it to move upward toward our \$8.35/sh price target.

Western Areas NL (\$7.54) – BUY

No one in the world is adding high grade nickel metal to its inventory as quickly as WSA. The recent discovery of the readily mineable Spotted Quoll was responsible for its recent outperformance. It will be a major nickel producer at high margins by FY11. With its exploration model solved, further additions are certain and the recent pullback below our \$10.82/sh price target represents an opportunity.

Analyst

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Broke through the US\$25,000/t floor

- We believed the US\$25,000/t (US\$11.30/lb) floor was set by the cost of incremental production coming form Chinese nickel pig iron production.
- The nickel price weakened at the end of May falling through the perceived floor of US\$25,000/t. This was due to a combination of decreased demand in the short term, following a trend away from higher grade stainless steels (300 series) toward lower grade (200 manganese series) (this is unsustainable), and decreased input costs for **some** of the Chinese nickel pig iron.



Source: Patersons Estimates, IRESS

Reduced cost of Chinese Nickel Pig Iron

- Nickel Pig Iron producers have become smarter.
- Increasing nickel ore stockpiles has meant greater availability of higher grade ores.
- Increasing proportion of production coming from electric arc furnaces rather than blast furnaces using electricity as the power source not coking coal as the Government clamps down on small high pollutant smelters and as the stainless steel producers themselves produced the pig iron in house, removing profit margins for middlemen and utilising more efficient technology.
- The main by product of nickel pig iron is iron and with scrap steel prices more than doubling over the past 2 years, in house nickel pig iron facilities are seeing a iron credit that may reduce the cost of production by as much as US\$6/lb from US\$13/lb to US\$7/lb for the most efficient plants.

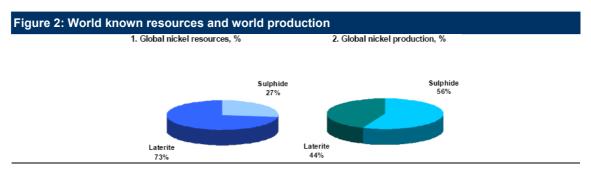


New floor at US\$20,000/t

- We believe the new floor is provided by laterite production.
- Increased cost of inputs has significantly increased the cost of laterite production changing the shape of the cost curve.
- This will be a much stronger floor as it is not provided by the incremental (swing)
 production of pig iron but laterite production which provides almost half (and growing) of
 the world's nickel production.

More High Cost Production

 Nickel sulphides historically dominate world production. Currently 56% of world supply comes from sulphides however by 2009 laterites will contribute more than half with the incremental production from nickel pig iron contributing less than 5%.



Source: CRU 2006

Our preference for nickel sulphide miners over laterites

- Higher quality nickel sulphides are scarce and becoming scarcer: Laterite deposits form +70% of the world's known nickel resources and are the future of nickel production. As the more profitable sulphides are depleted and become scarcer, the industry continues to trend to higher cost and lower quality sources, laterites (and nickel pig iron and leach production) which push up the average cost of production.
- Sulphides are simpler and cheaper: Sulphides use standard (simple) flotation and smelting, resulting in much lower production costs while laterites (Minara, Ravensthorpe, Goro) rely on the much more complex HPAL method which is still prone to technical production hiccups (MRE is still not at its rated production capacity). Sulphides are comparatively low technical risk while laterites rely on a relatively new technology whose efficiency is increasing and economies of scale, which is coming under pressure with the increased cost of inputs which are used on a large scale, to make them viable.
- Sulphides have lower capital requirements: Laterites have significant barriers to
 entry with the recent HPAL operations having capex price tags of US\$2.2bn
 Ravensthorpe, US\$3.2bn Goro and Ambatovy US\$3.3bn. We believe this increases the
 price required to make a project viable by more than US\$2/lb relative to sulphides to get
 and adequate return on capital. This means that laterites including the newer generation
 projects like Ravensthorpe require US\$10/lb to make them viable.



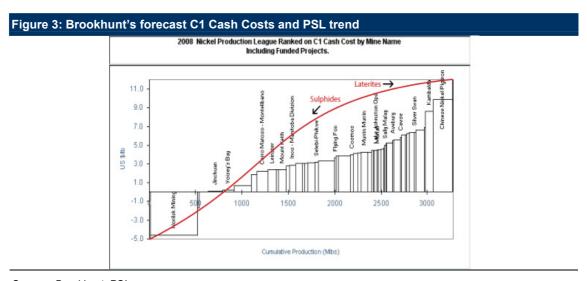
Cost Trends

Since this data was compiled by Brookhunt input costs have increased markedly changing the shape of these curves.

Chinese Nickel Pig Iron costs were forecast to be circa US\$10/lb but increased power (coal) and shipping costs see them closer to US\$13/lb currently however after deducting a US\$6/lb credit for the iron they come in around US\$7/lb.

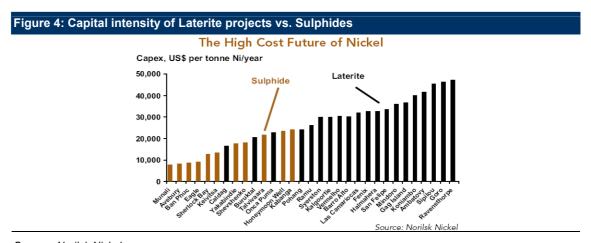
Lateritic production works on economies of scale and is therefore very sensitive to input cost with large volumes of reagents (sulphur), diesel and power required. MRE is a case in point but by no means the least efficient with some Asian producers higher cost again. The result is that some laterite production has overtaken nickel pig iron at the top end of the curve.

Sulphide producers have also experienced the same cost pressures but mine lower volumes, higher grades and sell a concentrate (at a fixed payability %), passing on the increased cost of the large power requirement to the smelters. This relative under exposure to increased costs means that the traditionally higher cost sulphide producers have moved down the curve relative to laterites.



Source: Brookhunt, PSL

The below chart shows the prohibitive capital requirement of laterite projects. Even after taking into account the longer life and higher production capacity the two newest nickel producers are at opposite ends of the capital intensity chart. ALB's Munali sulphide mine cost circa US\$8,000/t nickel pa versus BHP's Ravensthorpe laterite mine cost circa US\$48,000/t nickel pa.

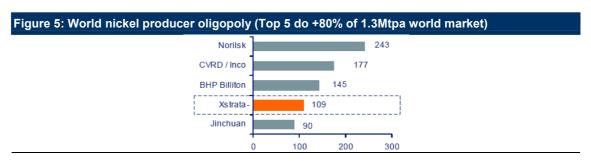


Source: Norilsk Nickel



Corporate Activity

- The pull back in resource equities has increased the probability of corporate activity and in no sector is it more likely than the nickel sulphide sector, where more consolidation seems inevitable.
- Recent corporate action in the nickel sector supports our preference for sulphides over laterites. The spate of consolidation in the past 18 months has been entirely in the sulphide sector and included Inco US\$19bn, Falconbridge US\$21bn, LionOre (LIM) US\$4.9bn, Jubilee (JBM) US\$3.1bn and Allegiance Mining Ltd (AGM) US\$1bn and was preceded by BHP taking over WMC.
- The big five (Norilsk, Vale, BHPB, Xstrata and Jinchuan) now dominate the world market with 80% market share of nickel metal production and the market is quickly becoming an oligopoly not unlike the iron ore industry with miners gaining growing pricing power.



Source: Xstrata (consolidation has been mostly post chart)

Takeover targets

- **MBN:** MBN is developing the 100% owned Santa Rita deposit in Brazil. Santa Rita is the largest Greenfield nickel sulphide discovery in the last 12 years and will be the 3rd largest open cut nickel sulphide deposit in the world making it undoubtedly a 'Tier 1' asset and its natural owner a large miner. It is in Vale's backyard and they are already on the register with 9% and cashed up after their recent US\$13bn raising. MBN is the most logical takeover target in our space and we believe it is just a matter of time.
- WSA: Nickel is being added to the inventory at Forrestannia quicker than anywhere in the world. Norilsk has already shown it is keen to diversify outside of Russia and increase its presence in Australia. With its ore being processed nearby by Norilsk by its underutilised Lake Johnson plant, it is a logical step for Norilsk to take out WSA.
- **ALB:** We have long held the view that ALB, with its low cash costs and exploration upside, is a valuable bolt on acquisition for any miner much like AGM was.

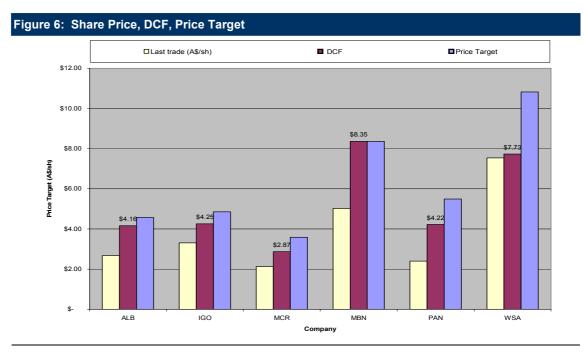
Other Action

Corporate action for the cashed-up, debt free Kambalda producers (IGO, MCR & PAN)
now seems inevitable. While we continue to maintain there is limited impetus to merge
and reform the (failed) WMC operations, other than production scale (improving market
capitalisation and investment grade), the strong balance sheets are a great opportunity
to diversify the commodity exposure and/or commence a share buy back.



Share Price, DCF and Price Target

 All stocks are trading below our DCF based valuations (Based on mine reserves and forward nickel prices returning to a long term average of US\$7/lb).



Source: Patersons Estimate

Discount to Price Target

 All nickel stocks are trading a significant discount to our price targets with PAN being the standout.

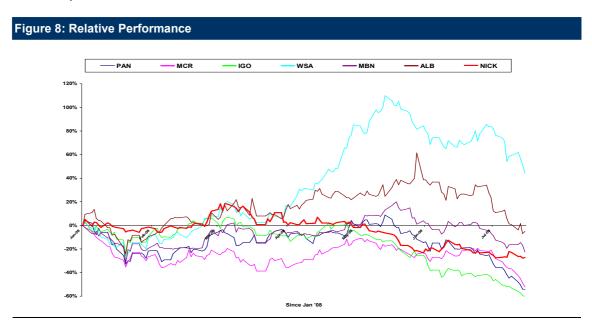


Source: Patersons Estimate



Share Price Performance versus Nickel Price

 The relative performance since January '08 show the hardest hit have been the cashed up nickel miners from Kambalda, IGO, MCR, PAN.



Source: Patersons Estimate, IRESS

Leverage to nickel price

 As the longest life project MBN has the best leverage to higher prices for the long term while IGO, with its gold exposure, and MCR with the shortest mine life and highest costs have the least.

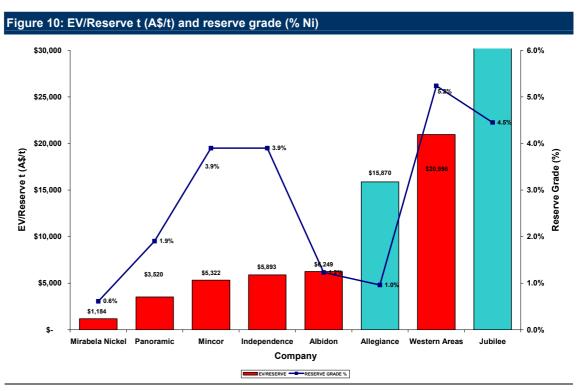
Figure	Figure 9: Long Term Nickel Price and Price target Matrix																		
		Last trade (A\$/sh)		Price Target @ Long Term Nickel Price of															
		July '08	US\$4/Ib	Į	US\$5/Ib	US\$	6/lb	US	\$7/Ib	ΰ	S\$8/Ib	U	S\$9/Ib	US	\$10/lb	US	\$11/lb	US	\$12/lb
4	MBN	\$ 5.02	\$ 1.10	\$	3.52	\$	5.94	\$	8.35	\$	10.77	\$	13.19	\$	15.60	\$	18.02	\$	20.44
7	WSA	\$ 7.54	\$ 7.45	\$	8.58	\$	9.70	\$	10.82	\$	11.95	\$	13.07	\$	14.19	\$	15.32	\$	16.44
1	ALB	\$ 2.68	\$ 3.37	\$	3.77	\$	4.18	\$	4.58	\$	4.98	\$	5.38	\$	5.78	\$	6.18	\$	6.58
6	PAN	\$ 2.40	\$ 4.07	\$	4.62	\$	5.08	\$	5.49	\$	5.90	\$	6.31	\$	6.72	\$	7.13	\$	7.54
3	MCR	\$ 2.13	\$ 3.11	\$	3.28	\$	3.44	\$	3.59	\$	3.74	\$	3.89	\$	4.04	\$	4.19	\$	4.34
2	IGO	\$ 3.31	\$ 4.42	\$	4.57	\$	4.71	\$	4.86	\$	5.00	\$	5.15	\$	5.29	\$	5.43	\$	5.58

Source: Patersons Estimate



EV per Reserve tonne

- · Recent takeover multiples:
 - JBM was taken over by Xstrata for \$51,185/Reserve t
 - AGM by ZFX for \$15,870/Reserve t
- Cheapest on this metric: Being the lowest grade (0.61%) and the furthest from production (September '09 commissioning), MBN is by far the cheapest on this metric. IGO is distorted on this metric as on our modelling 50% of its EV is attributed to its 30% of the Tropicana Gold JV.
- Given they are in production PAN, MCR, IGO and ALB are all cheap on this metric and have significant upside from current levels.
- Reserves update: Annual reserve updates will see increases across the board with most companies announcing incremental increases through out the year.

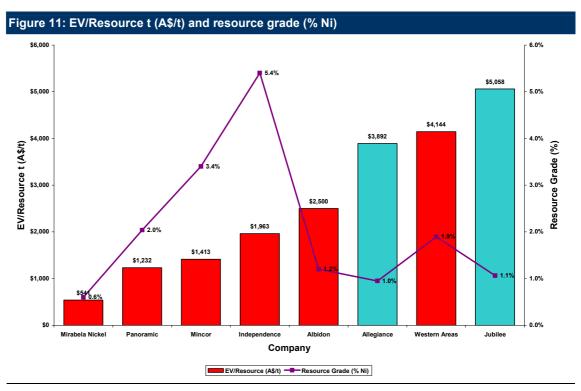


Source: Patersons Estimate



EV per Resource tonne

- Recent takeover multiples:
 - JBM was taken over by Xstrata for \$5,058/ Resource t
 - AGM by ZFX for \$3,892/Resource t
- Cheapest on this metric: While this metric can be misleading if it incorporates a large amount of low grade (uneconomic mineralisation). In the case of nickel sulphide miners, as opposed to laterites, resources are a very good representation of reserves with sulphide miners all having a very high conversion rate.
- Again MBN is the cheapest and only 15 months from production while PAN, MCR, IGO and ALB are all cheap and in production.
- Resources update: Annual resources updates will also increase across the board with most
 companies announcing incremental increases throughout the year. MBN however have the
 largest resource increase pending as results from the ongoing drilling are analysed. 1Mt of
 contained nickel metal is ultimately expected which is a 66% increase from current levels.

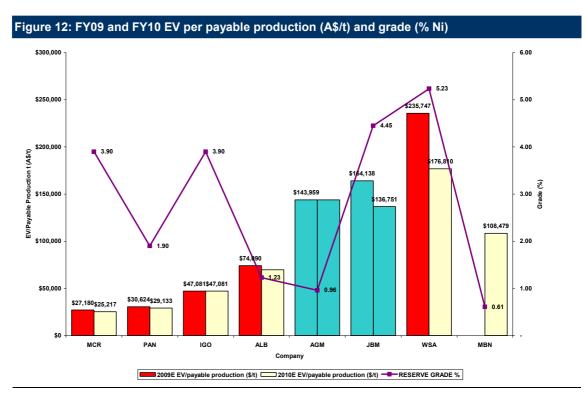


Source: Patersons Estimate



EV per FY09 and FY10 payable production

- This metric reinforces how cheap MCR, PAN, IGO and ALB are especially when compared to the takeover metrics that were paid for full production from AGM and JBM.
- With commissioning beginning late in CY09, we have modelled a conservative ramp up for MBN which is not reaching its design capacity of 25ktpa nickel production until September '11. The value of its long life Santa Rita asset is not fairly valued by this metric.
- Likewise WSA is still ramping up to its stated target capacity of 35ktpa this metric also undervalues WSA.



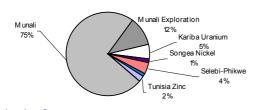
Source: Patersons Estimate



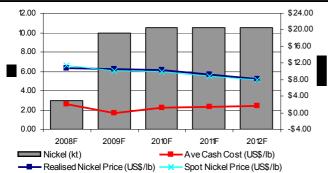
Albidon Ltd (ALB)	;	\$2.68
Valuation	US\$m	US\$/sh
Munali	544.9	3.17
Forwards	25.1	0.15
Corporate	(40.6)	-0.24
Investments	0.0	0.00
Cash	14.7	0.09
Debt	(66.9)	-0.39
Exploration		
M unali Exploration	817	0.48
Kariba Uranium	40.0	0.23
Luwumbu PGE	2.0	0.01
Songea Nickel	10.0	0.06
Selebi-Phikwe	30.0	0.17
M alawi Nickel-Platinum	10.0	0.06
Tunisia Zinc	15.0	0.09
Unpaid capital	12.4	0.07
US\$ NPV	678	3.95
@ 8% Discount Rate		
US\$ Price Target	746	4.35
AU\$USD\$ exchange rate	\$0.95	
Price Target	785	\$4.58

Price Target Sensitivities	+10%	0	-10%
Nickel Price	\$5.04	\$4.58	\$4.11
A\$:US\$	\$4.58	\$4.58	\$4.58

Valuation Summary of Assets



Nickel Production Summary



Reserves & Resources

M unali - Reserves	M t	Ni %	Cu %	Ni kt
Pro bable	6.7	1.23	0.17	82.4
M unali - Resources				
Indicated & Inferred	10.3	1.20	0.17	123.6

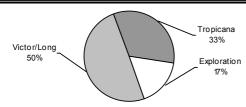
Directors

Name	F	osition	
Richard Potts		Chairman	
Dale Rogers	M anagin	g Director	
Alasdair Cooke	Executiv	e Director	
Paul Chapman	Executiv	e Director	
Chris De Guigand	Non Executive Directo		
Valentine Chitalu	Non Executive Direct		
Substantial Shareholders	Shares (m)	%	
African Lion (1&2)	33.8	20.5	
Jinchuan	9.3	5.6	
Commonwealth Bank	9.1	5.5	
Directors and Management	6.4	3.9	
Universal Investment Gesellschaft	5.7	3.6	
Emerging Markets management LLC	4.9	3.1	
Blackrock	4.9	3.1	
Fidelity Investment	4.5	2.8	
AXA	4.4	2.8	

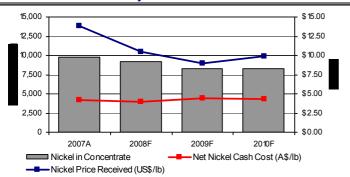
				nd Dec 31
Commodity Assumptions	2007A	2008F	2009F	2010F
A\$:US\$	\$0.84	\$0.93	\$0.85	\$0.79
Nickel (US\$/lb)	\$ 16.89	\$ 11.31	\$ 10.10	\$9.79
Cobalt (US\$/lb)	\$36.01	\$43.00	\$39.83	\$15.64
Copper (US\$/Ib)	\$3.23	\$3.64	\$3.50	\$3.36
Platinum (US\$/oz)	\$1,313	\$2,042	\$2,124	\$2,124
Palladium (US\$/oz) Uranium (US\$/lb)	\$202 \$70	\$287 \$87	\$353 \$93	\$416 \$90
Gandin (GGP/ID)	Ψ10	ΨΟΊ	ψθΟ	ψθΟ
Production Summary	2007A	2008F	2009F	2010F
M unali				
Nickel (kt)		2.99	9.93	10.55
Copper (kt)		0.60	1.99	2.11
Cobalt (kt)		0.17	0.57	0.60
Platinum (koz)		1.41	4.67	4.96
Palladium (koz)		5.85	19.40	20.62
Ave Cash Cost (US\$/Ib)		\$2.01	(\$0.07)	\$ 1.18
Ave Total Cost (US\$/lb)		\$3.12	\$0.95	\$ 2.19
Realised Nickel Price (US\$/II	0)	\$10.70	\$10.60	\$ 10.27
Profit & Loss (US\$m)	2007A	2008F	2009F	2010F
Sales Revenue	0.3	47.6	154.7	159.4
Other Income	3.3	0.6	0.7	3.3
Operating Costs	0.0	20.8	50.2	52.5
Exploration Exp.	3.5	4.9	6.1	6.2
Corporate/Admin	5.3	7.8	8.1	8.3
EBITDA	(5.3)	14.6	90.9	95.6
Depn & Amort	0.1	4.9	15.6	16.6
EBIT	(5.4)	9.7	75.3	79.0
Interest	0.7	4.8	4.6	3.2
Provisions	0.0	0.0	0.0	0.0
Operating Profit	(6.1) 0.2	4.9 2.9	70.8 17.7	75.9 19.0
Tax expense Minorities	0.2	0.0	0.0	0.0
NPAT	(6.3)	2.0	53.1	56.9
Normalised NPAT	(4.3)	3.4	49.5	53.1
Cash Flow (US\$m)	2007A	2008F	2009F	2010F
Adjusted Net Profit	(6.3)	2.0	53.1	56.9
+Interest/Tax/Expl Exp	4.5	12.6	28.4	28.4
- Interest/Tax/Expl Inc	2.4	9.6	10.7	9.4
+Depn/Amort	0.1	4.9	15.6	16.6
+/- Other	0.0	0.0	0.0	0.0
Operating Cashflow - Capex (+asset sales)	(4.1) 65.8	9.9 53.2	86.3 36.5	92.4 4.2
- Working Capital Increase	4.7	(0.3)	0.0	0.0
Free Cashflow	(74.6)	(42.9)	49.9	88.3
- Dividends (ords & pref)	0.0	0.0	0.0	0.0
+Equity raised	11.9	20.0	0.0	0.0
+Debt drawdown (repaid)	40.2	14.6	(8.8)	(8.8)
Net Change in Cash	(27.8)	(13.2)	34.9	73.2
Cash at End Period	16.6	2.6	37.5	110.7
Net Cash/(LT Debt)	(9.4)	(47.0)	(3.2)	78.8
Balance Sheet (US\$m)	2007A	2008F	2009F	2010F
Cash	16.6	2.6	37.5	110.7
Total Assets	84.1	118.4	174.2	235.0
Total Debt	26.0	49.6	40.7	38.5
Total Liabilities	26.0	49.6	40.7	38.5
Shareholders Funds	58.1	68.8	133.5	196.5
Ratios				
Net Debt/Equity (%)	16.15	68.29	2.41	na
Interest Cover (x)	-7.2	2.0	16.5	25.0
Return on Equity (%)	na	2.9	39.8	29.0



Independence Group NL			\$3.31
Valuation	A\$m		A\$/sh
Victor/Long	177		1.49
Tropicana	116		0.98
Forward Sales	(10)		(0.09)
Corporate	(12)		(0.10)
Exploration	60		0.51
Unpaid Capital	6		0.05
Equity Stake in MRX	7		0.06
Equity Stake in BMY	1		0.01
Cash	1 61		1.35
Debt	(1)		(0.01)
DCF	505		4.25
@ 8% Discount Rate Price Target 30% Premium to NPV for Ni ONLY	576		4.86
Sensitivity Price Target	* +10%	0%	-10%
Nickel Price	\$5.23	\$4.86	\$4.48
Gold Price	\$5.51	\$4.86	\$4.20
A\$:\$US	\$3.91	\$4.86	\$6.01



Nickel Production Summary



Reserves & Resources

Reserves	Мt	Ni %	Ni kt
Long	0.47	3.4	16.0
Victor South	0.29	3.5	10.2
McLeay	0.34	3.9	13.4
Total	1.09	4.20	39.6
Resources	Мt	Ni %	Ni kt
Long	0.62	4.8	35.7
Victor South	0.40	3.7	14.7
McLeay	0.53	5.4	28.9
Total	1.55	5.60	79.3
Resources	Мt	Au g/t	Au moz
Tropicana IGO 30%	62.8	2.01	4.06 1.2

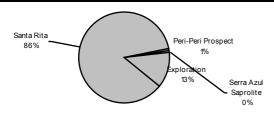
Directors

Name		Position		
Rodney Marston	Non Executive Chairman			
Christopher Bonwick	Manag	ging Director		
Kelly Ross	Executive Director			
John Christie	Non Executive Director			
Oscar Aamodt	Non Executive Director			
Substantial Shareholders	Shares (m)	%		
Barclays Global Investors Australia	12.03	9.56%		
JP Morgan	10.10	8.68%		

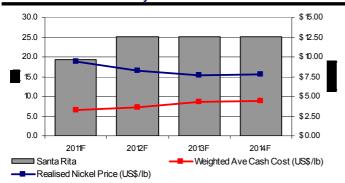
			Year End	luno 30
Commodity Assumptions	2007A	2008F	2009F	2010F
A\$:US\$	\$0.79	\$0.90	\$0.91	\$0.81
Gold (US\$/oz)	\$639	\$824	\$916	\$935
Copper (US\$/lb)	\$3.21	\$3.53	\$3.57	\$3.44
Nickel (US\$/lb)	\$17.21	\$12.93	\$10.21	\$9.94
Production Summary	2007A	2008F	2009F	2010F
Nickel Production (t)	0005	0400	0260	0000
Nickel in Concentrate Copper in Concentrate	9825 712	9183 700	8260 646	8260 646
Per Pound of Payable Nickel		700	010	010
Net Nickel Cash Cost (A\$/lb)	\$4.15	\$3.99	\$4.36	\$4.26
Nickel Total Cost (A\$/lb)	\$4.91	\$4.73	\$5.14	\$5.01
Net Nickel Cash Cost (US\$/Ib) Nickel Price Received (US\$/Ib)	\$3.27 \$13.81	\$3.58 \$10.45	\$3.95 \$8.94	\$3.43 \$9.94
Gold Production (oz)				
Tropicana Gold Production (IGO)	0	0	0	0
Gold Cash Costs (US\$/oz)	\$0	\$0	\$0	\$0
Gold Price Received (US\$/oz)	\$639	\$824	\$916	\$935
Profit & Loss (A\$m)	2007A	2008F	2009F	2010F
Sales Revenue	222.9	138.8	110.2	143.1
Other Income	10.2	11.4	8.4	8.8
Operating Costs	56.3 11.4	53.3	49.9	50.9
Exploration Exp. Corporate/Admin	4.1	9.5 3.4	5.2 4.0	5.3 4.1
EBITDA	161.3	84.1	59.4	91.4
Depn & Amort	10.0	8.8	8.5	8.5
EBIT	151.3	75.3	51.0	82.9
nterest	0.2	0.1	0.1	0.1
Operating Profit	151.1	75.2	50.9	82.9
Tax expense	45.8	22.5	15.3	24.9
Abnormal Losses / Minorities NPAT	0.0 105.3	0.0 52.7	0.0 35.6	0.0 58.0
Normalised NPAT	105.8	52.6	35.6	58.0
	2007A	2008F	2009F	2010F
Cash Flow (A\$m) Adjusted Net Profit	105.3	52.7	35.6	58.0
+Interest/Tax/Expl Exp	57.4	32.1	20.6	30.3
- Interest/Tax/Expl Inc	38.1	56.0	28.3	37.9
+Depn/Amort	10.0	8.8	8.5	8.5
+/- Other	0.0	0.0	0.0	0.0
Operating Cashflow	134.6 12.4	37.5 15.0	36.3 12.6	58.8 88.6
- Capex (+asset sales) - Working Capital Increase	(14.6)	(5.9)	0.0	0.0
Free Cashflow	136.8	28.3	23.7	(29.8)
- Dividends (ords)	14.8	19.6	5.8	10.5
+Equity raised	2.6	8.0	0.0	0.0
+Debt drawdown (repaid)	1.3	(0.9)	0.0	0.0
Net Change in Cash	125.9	8.6	17.9	(40.3)
Cash at End Period Net Cash/(LT Debt)	152.0 147.5	160.6 159.6	178.5 177.5	138.2 137.2
Balance Sheet (A\$m)	2007A	2008F	2009F	2010F
\ . · /				
Cash/Bullion Total Assets	152.0 275.6	160.6 308.5	178.5 338.3	138.2 385.8
	19	10	10	1.0
		1718	1718	1718
Total Debt	172.7	1/ 1/0		
Total Debt Total Liabilities	172.7 102.9	136.7	166.5	214.0
Total Debt Total Liabilities Shareholders Funds Ratios				214.0
Total Debt Total Liabilities Shareholders Funds Ratios Net Debt/Equity (%)	102.9 na	136.7 na	166.5 na	na
Total Debt Total Liabilities Shareholders Funds Ratios Net Debt/Equity (%) Interest Cover (x) Return on Equity (%)	102.9	136.7	166.5	



Mirabela Nickel Ltd (MBN)		\$5.02	2
Valuation	A\$m		A\$/sh
Santa Rita	1003.6		7.45
Peri-Peri Prospect	10.0		0.07
Serra Azul Saprolite	5.0		0.04
Exploration	150.0		1.11
Forwards	0.0		0.00
Corporate	(80.0)		(0.59)
Cash	35.5		0.26
Debt	0.0		0.00
Unpaid capital	1.6		0.01
NPV	1,126		8.35
@ 8% Discount Rate			
Price Target	1,126		8.35
Sensitivity Price Target	+10%	0	-10%
Nickel Price	\$10.34	\$8.35	\$6.37
A\$:\$US	\$7.60	\$8.35	\$9.29



Nickel Production Summary



Reserves & Resources

Santa Rita - Reserves	Мt	Ni%	Cu%	Ni kt
Proven & Probable	84.0	0.61	0.14	508
Total	84.0	0.61	0.14	508
Santa Rita - Resources	Мt	Ni %	Cu%	Ni kt
Indicated	90.0	0.6	0.14	540
Inferred	10.7	0.6	0.14	64
Total	100.7	0.60	0.14	604

Directors

Name	Position		
Bill Clough	Non-Executive Chairman		
Nick Poll	M anaging Director		
Craig Burton	Executive Director		
Substantial Shareholders	Shares (m)	%	
Dundee Corporation	26.0	19.9	
Directors	16.9	13.0	
CVRD/Inco	13.0	9.9	
JP Morgan	7.0	5.9	

			Year En	d June 30
Commodity Assumptions	2009F	2010F	2011F	2012F
A\$:US\$	\$0.91	\$0.81	\$0.79	\$0.80
Nickel (US\$/lb)	\$ 10.21	\$9.94	\$9.39	\$8.31
Copper (US\$/lb)	\$3.57	\$3.44	\$3.09	\$2.37
Cobalt (US\$/lb)	\$40.36	\$27.57	\$15.80	\$16.12
Platinum (US\$/oz)	\$2,124	\$2,124	\$2,124	\$2,124
Production Summary	2009F	2010F	2011F	2012F
Concentrate (kt)				
Santa Rita		70.4	146.1	189.5
Contained Nickel (kt)				
Santa Rita		7.9	19.3	25.2
Weighted Ave Cash Cost (US\$/lb)		\$3.08	\$3.30	\$3.65
Weighted Ave Total Cost (US\$/lb)		\$3.65	\$3.77	\$4.12
Realised Nickel Price (US\$/lb)		\$9.94	\$9.39	\$8.31
Profit & Loss (A\$m)	2009F	2010F	2011F	2012F
Sales Revenue	0.0	15 1.9	354.3	406.6
Other Income	0.1	17	2.0	20

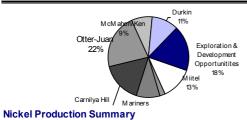
0.0	15 1.9	354.3	406.6
8.1	1.7	2.0	3.8
0.0	45.2	124.4	178.4
0.0	0.0	0.0	0.0
12.1	12.3	12.6	12.8
(4.0)	96.0	219.2	219.2
0.0	7.7	17.7	23.1
(4.0)	88.3	201.5	196.1
17.1	22.4	17.0	10.4
0.0	0.0	0.0	0.0
(21.1)	65.9	184.5	185.6
0.0	14.1	36.9	37.1
0.0	0.0	0.0	0.0
(21.1)	51.8	147.6	148.5
(14.8)	46.2	129.1	129.9
2009F	2010F	2011F	2012F
(21.1)	518	147.6	148.5
17.1	36.5	53.9	47.6
	0.0 0.0 12.1 (4.0) 0.0 (4.0) 17.1 0.0 (21.1) 0.0 (21.1) (14.8) 2009F	8.1 1.7 0.0 45.2 0.0 0.0 12.1 12.3 (4.0) 96.0 0.0 7.7 (4.0) 88.3 17.1 22.4 0.0 0.0 (21.1) 65.9 0.0 14.1 0.0 0.0 (21.1) 51.8 (14.8) 46.2 2009F 2010F	8.1 1.7 2.0 0.0 45.2 124.4 0.0 0.0 0.0 12.1 12.3 12.6 (4.0) 96.0 219.2 0.0 7.7 17.7 (4.0) 88.3 201.5 17.1 22.4 17.0 0.0 0.0 0.0 (21.1) 65.9 184.5 0.0 14.1 36.9 0.0 0.0 0.0 (21.1) 51.8 147.6 (14.8) 46.2 129.1 2009F 2010F 2011F

+ Interest/ I ax/Expl Exp	17.1	36.5	53.9	47.6
- Interest/Tax/Expl Inc	17.1	36.5	53.9	47.6
+Depn/Amort	0.0	7.7	17.7	23.1
+/- Other	0.0	0.0	0.0	0.0
Operating Cashflow	(21.1)	59.5	165.3	17 1.6
- Capex (+asset sales)	194.9	60.7	61.5	8.6
- Working Capital Increase	0.0	0.0	0.0	0.0
Free Cashflow	(216.0)	(1.2)	103.8	163.1
- Dividends (ords & pref)	0.0	0.0	0.0	0.0
+Equity raised	0.0	0.0	0.0	0.0
+Debt drawdown (repaid)	276.6	(40.0)	(80.0)	(80.0)
Net Change in Cash	46.5	(52.5)	15.4	74.5
Cash at End Period	82.0	29.5	44.9	119.5
Net Cash/(LT Debt)	(194.6)	(207.1)	(111.6)	42.9

Balance Sheet (A\$m)	2009F	2010F	2011F	2012F
Cash	82.0	29.5	44.9	119.5
Total Assets	517.2	5212	565.0	637.6
Total Debt	276.6	216.6	96.6	16.6
Total Liabilities	276.6	228.7	124.9	49.1
Shareholders Funds	240.6	292.5	440.0	588.5
Ratios				
Net Debt/Equity (%)	80.86	70.81	25.37	na
Interest Cover (x)	-0.2	3.9	11.8	18.8
Return on Equity (%)	na	17.7	33.5	25.2



Mincor Resources NL		\$2.13	
Valuation	A\$m		A\$/sh
Miitel	62		0.31
Wannaway	0		0.00
Redross	9		0.05
Mariners	46		0.23
Carnilya Hill	79		0.39
Otter-Juan	107		0.53
McMahon/Ken	42		0.21
Durkin	52		0.26
Bluebush line	30		0.15
Forward Sales	16		80.0
Corporate	(58)		(0.28)
Exploration & Development Opportunitites	88		0.43
Unpaid Capital	8		0.04
Cash	100		0.49
Debt	0		0.00
NPV @ 8% Discount Rate	582		2.87
Price Target	727		3.59
Sensitivity Price Target	+10%	0	-10%
Nickel Price	\$4.15	\$3.59	\$3.03
A\$:\$US	\$3.07	\$3.59	\$4.23



25,000 20,000 15,000 10,000

Reserves & Resources

Мt	Ni %	Ni kt
0.97	2.5	24.4
0.04	12	0.5
0.03	2.3	8.0
0.18	2.9	5.3
0.39	2.7	10.5
0.34	2.9	9.8
0.29	3.9	11.2
2.24	2.28	62.4
Мt	Ni %	Ni kt
0.78	4.0	31.4
0.28	3.7	10.2
0.15	1.5	2.3
110	3.6	39.5
0.07	2.6	19
0.23	4.9	11.3
0.40	4.9	19.8
0.39	4.0	15.7
0.37	5.0	18.7
0.03	3.4	1.0
0.63	3.3	20.8
4.44	3.88	172.4
	0.97 0.04 0.03 0.18 0.39 0.34 0.29 2.24 Mt 0.78 0.28 0.15 110 0.07 0.23 0.40 0.39 0.37 0.03 0.63	0.97

Directors

Name	Position		
David Humann	Non Executive Chairman		
David Moore	Managing Director		
Jack Gardener	Non Executive Director		
lan Burston	Non Executive Director		
Substantial Shareholders	Shares (m)	%	
Barclays Global Investors	21.30	10.30	
reserve	10.20	5.19	

Commodity Assumptions	2007A	2008F	ear End 2009F	2010
A\$:US\$ Copper (US\$/lb)	\$0.79 \$3.21	\$0.90 \$3.53	\$0.91 \$3.57	\$0.81 \$3.44
Lead (US\$/Ib)	\$0.77	\$1.31	\$0.86	\$0.77
Zinc (US\$/lb)	\$1.67	\$1.18	\$0.90	\$0.77
Nickel (US\$/Ib)	\$17.21	\$ 12.93	\$ 10.21	\$9.94
Cobalt (US\$/lb)	\$2192	\$45.41	\$40.36	\$27.57
Production Summary	2007A	2008F	2009F	2010
Miitel	4,901	4,271	5,194	4,794
Wannaway	519	271	0	0
Redross	3,891	3,120	1,658	765
Mariners	3,616	3,704	4,250	4,250
Carnilya Hill	0	49	3,308	3,308
North Dordie	0	326	0	0
Otter-Juan	0	4,755	4,328	4,328
McMahon/Ken Durkin	0 0	0 0	1,422 306	2,188 2,297
Nickel in Concentrate (t)	12,927	16,496	20,464	21,92
Copper in Concentrate (t)	1,175	1,380	1,576	1,633
Cobalt in Concentrate (t)	256	313	338	352
B B I . (B II . W. (. I				
Per Pound of Payable Metal Net Nickel Cash Cost (A\$/lb)	\$6.57	\$6.19	\$5.59	\$5.55
Net Nickel Cash Cost (US\$/lb)	\$5.17	\$5.56	\$5.06	\$4.46
Nickel Price Received (US\$/lb)	\$13.45	\$12.97	\$10.68	\$10.17
Spot Nickel Price (US\$/lb)	\$17.21	\$12.93	\$10.21	\$9.94
Profit & Loss (A\$m)	2007A	2008F	2009F	2010
Sales Revenue	334.6	336.3	360.5	410.0
Other Income	0.0	7.0	5.3	8.8
Operating Costs	127.2	149.9	178.0	186.8
Exploration Exp.	10.3	13.1	13.7	14.0
Corporate/Admin	16.6	20.4	20.2	20.6
EBITDA	180.5	159.9	154.1	197.4
Depn & Amort	35.0	62.6	72.7	77.7
•				
EBIT	145.5	97.3	81.3	119.7
Interest	0.4 145.1	0.2 97.1	0.0 81.3	0.0 119.7
Operating Profit Tax expense	43.7	28.5	24.4	35.9
Abnormal Losses / Minorities	0.0	0.0	0.0	0.0
NPAT	101.4	68.6	56.9	83.8
Normalised NPAT	101.6	68.0	56.9	83.8
Cash Flow (A\$m)	2007A	2008F	2009F	2010
		00.0	50.0	83.8
	1014			
Adjusted Net Profit +Interest/Tay/Expl Exp	1014 54.4	68.6 418	56.9 38.1	
+Interest/Tax/Expl Exp	54.4	418	38.1	49.9
+Interest/Tax/Expl Exp -Interest/Tax/Expl Inc	54.4 23.4	418 69.8	38.1 40.4	49.9 519
+Interest/Tax/Expl Exp -Interest/Tax/Expl Inc +Depn/Amort	54.4	418	38.1	49.9
+Interest/Tax/Expl Exp -Interest/Tax/Expl Inc	54.4 23.4 35.0	418 69.8 62.6	38.1 40.4 72.7	49.9 519 77.7 0.0
+Interest/Tax/Expl Exp -Interest/Tax/Expl Inc +Depn/Amort ⊬-Other Operating Cashflow	54.4 23.4 35.0 0.0 167.5	418 69.8 62.6 0.0 103.2	38.1 40.4 72.7 0.0 127.4	49.9 519 77.7 0.0 159.5
+Interest/Tax/Expl Exp Interest/Tax/Expl Inc +Depn/Amort +/-Other Operating Cashflow - Capex (+asset sales)	54.4 23.4 35.0 0.0 167.5 42.9	418 69.8 62.6 0.0 103.2 1417	38.1 40.4 72.7 0.0 127.4 50.1	49.9 519 77.7 0.0 159.5 37.8
+Interest/Tax/Expl Exp Interest/Tax/Expl Inc +Depn/Amort +/-Other Operating Cashflow - Capex (+asset sales) - Working Capital Increase	54.4 23.4 35.0 0.0 167.5 42.9 (15.5)	418 69.8 62.6 0.0 103.2 1417 8.0	38.1 40.4 72.7 0.0 127.4 50.1 0.0	49.9 519 77.7 0.0 159.5 37.8 0.0
+Interest/Tax/Expl Exp - Interest/Tax/Expl Inc +Depn/Amort #-Other Operating Cashflow - Capex(+asset sales) - Working Capital Increase Free Cashflow	54.4 23.4 35.0 0.0 167.5 42.9 (15.5) 140.1	418 69.8 62.6 0.0 103.2 1417 8.0 (46.5)	38.1 40.4 72.7 0.0 127.4 50.1 0.0 77.2	49.9 519 77.7 0.0 159.5 37.8 0.0 121.6
+Interest/Tax/Expl Exp Interest/Tax/Expl Inc +Depn/Amort +/- Other Operating Cashflow - Capex (+asset sales) - Working Capital Increase Free Cashflow - Dividends (ords & pref)	54.4 23.4 35.0 0.0 167.5 42.9 (15.5) 140.1 17.6	418 69.8 62.6 0.0 103.2 1417 8.0 (46.5) 23.7	38.1 40.4 72.7 0.0 127.4 50.1 0.0 77.2 317	49.9 519 77.7 0.0 159.5 37.8 0.0 121.6 33.6
+Interest/Tax/Expl Exp -Interest/Tax/Expl Inc +Depn/Amort +/-Other Operating Cashflow - Capex (+asset sales) - Working Capital Increase Free Cashflow - Dividends (ords & pref) +Equity raised	54.4 23.4 35.0 0.0 167.5 42.9 (15.5) 140.1 17.6 2.2	418 69.8 62.6 0.0 103.2 1417 8.0 (46.5) 23.7 0.7	38.1 40.4 72.7 0.0 127.4 50.1 0.0 77.2 31.7 0.0	49.9 519 77.7 0.0 159.5 37.8 0.0 121.6 33.6 0.0
+Interest/Tax/Expl Exp -Interest/Tax/Expl Inc +Depn/Amort +/-Other Operating Cashflow - Capex (+asset sales) - Working Capital Increase Free Cashflow - Dividends (ords & pref) +Equity raised +Debt drawdown (repaid)	54.4 23.4 35.0 0.0 167.5 42.9 (15.5) 140.1 17.6 2.2 0.0	418 69.8 62.6 0.0 103.2 1417 8.0 (46.5) 23.7 0.7 (0.5)	38.1 40.4 72.7 0.0 127.4 50.1 0.0 77.2 317 0.0 0.0	49.9 519 77.7 0.0 159.5 37.8 0.0 121.6 33.6 0.0 0.0
+Interest/Tax/Expl Exp -Interest/Tax/Expl Inc +Depn/Amort #-Other Operating Cashflow - Capex (+asset sales) - Working Capital Increase Free Cashflow - Dividends (ords & pref) + Equity raised + Debt drawdown (repaid) Net Change in Cash	54.4 23.4 35.0 0.0 167.5 42.9 (15.5) 140.1 17.6 2.2 0.0 124.6	418 69.8 62.6 0.0 103.2 1417 8.0 (46.5) 23.7 0.7 (0.5) (70.1)	38.1 40.4 72.7 0.0 127.4 50.1 0.0 77.2 317 0.0 0.0 45.6	49.9 51.9 77.7 0.0 159.5 37.8 0.0 121.6 33.6 0.0 0.0 88.0
+Interest/Tax/Expl Exp Interest/Tax/Expl Inc +Depn/Amort -V-Other Operating Cashflow -Capex(+asset sales) -Working Capital Increase Free Cashflow - Dividends (ords & pref) +Equity raised +Debt drawdown (repaid) Net Change in Cash Cash at End Period	54.4 23.4 35.0 0.0 167.5 42.9 (15.5) 140.1 17.6 2.2 0.0	418 69.8 62.6 0.0 103.2 1417 8.0 (46.5) 23.7 0.7 (0.5)	38.1 40.4 72.7 0.0 127.4 50.1 0.0 77.2 317 0.0 0.0	49.9 519 77.7 0.0 159.5 37.8 0.0 121.6 33.6 0.0 0.0 88.0 233.2
+ Interest/Tax/Expl Exp - Interest/Tax/Expl Inc + Depn/Amort +/- Other Operating Cashflow - Capex (+asset sales) - Working Capital Increase Free Cashflow - Dividends (ords & pref) + Equity raised + Debt drawdown (repaid) Net Change in Cash Cash Cash Cash Cash Cash Cash (LT Debt)	54.4 23.4 35.0 0.0 167.5 42.9 (15.5) 140.1 17.6 2.2 0.0 124.6 169.7 169.7	418 69.8 62.6 0.0 103.2 1417 8.0 (46.5) 23.7 0.7 (0.5) (70.1) 99.6	38.1 40.4 72.7 0.0 127.4 50.1 0.0 77.2 317 0.0 0.0 45.6 145.2 145.2	49.9 519 77.7 0.0 159.5 37.8 0.0 121.6 33.6 0.0 0.0 88.0 233.2 233.2
+Interest/Tax/Expl Exp -Interest/Tax/Expl Inc +Depn/Amort +/-Other Operating Cashflow - Capex (+asset sales) - Working Capital Increase Free Cashflow - Dividends (ords & pref) +Equity raised +Debt drawdown (repaid) Net Change in Cash Cash at End Period Net Cash/(LT Debt) Balance Sheet (A\$m)	54.4 23.4 35.0 0.0 167.5 42.9 (15.5) 140.1 17.6 2.2 0.0 124.6 169.7 169.7	418 69.8 62.6 0.0 103.2 1417 8.0 (46.5) 23.7 0.7 (0.5) (70.1) 99.6 99.6	38.1 40.4 72.7 0.0 127.4 50.1 0.0 77.2 317 0.0 0.0 45.6 145.2 145.2	49.9 519 77.7 0.0 159.5 37.8 0.0 121.6 0.0 0.0 88.0 233.2 233.2
+ Interest/Tax/Expl Exp - Interest/Tax/Expl Inc - Hopen/Amort - Other Operating Cashflow - Capex (+asset sales) - Working Capital Increase Free Cashflow - Dividends (ords & pref) - Equity raised + Debt drawdown (repaid) Net Change in Cash Cash at End Period Net Cash/(LT Debt) Balance Sheet (A\$m) Cash/Bullion	54.4 23.4 35.0 0.0 167.5 42.9 (15.5) 140.1 17.6 2.2 0.0 124.6 169.7 169.7	418 69.8 62.6 0.0 103.2 1417 8.0 (46.5) 23.7 0.7 (0.5) (70.1) 99.6	38.1 40.4 72.7 0.0 127.4 50.1 0.0 77.2 317 0.0 0.0 45.6 145.2 145.2	49.9 519 77.7 0.0 159.5 37.8 0.0 121.6 33.6 0.0 0.0 88.0 233.2 233.2 2010
+Interest/Tax/Expl Exp -Interest/Tax/Expl Inc -Interest/Tax/Expl Inc -Depn/Amort -V-Other -Operating Cashflow -Capex(+asset sales) -Vorking Capital Increase -Free Cashflow -Dividends (ords & pref) +Equity raised +Debt drawdown (repaid) -Net Change in Cash -Cash at End Period -Net Cash/(LT Debt)	54.4 23.4 35.0 0.0 167.5 42.9 (15.5) 140.1 17.6 2.2 0.0 124.6 169.7 169.7	418 69.8 62.6 0.0 103.2 1417 8.0 (46.5) 23.7 0.7 (0.5) (70.1) 99.6 99.6	38.1 40.4 72.7 0.0 127.4 50.1 0.0 77.2 317 0.0 0.0 45.6 145.2 145.2	49.9 519 77.7 0.0 159.5 37.8 0.0 121.6 33.6 0.0 0.0 88.0 233.2 233.2
+Interest/Tax/Expl Exp -Interest/Tax/Expl Inc +Depn/Amort +/-Other Operating Cashflow - Capex (+asset sales) - Working Capital Increase Free Cashflow - Dividends (ords & pref) +Equity raised +Debt drawdown (repaid) Net Change in Cash Cash at End Period Net Cash/(LT Debt) Balance Sheet (A\$m)	54.4 23.4 35.0 0.0 167.5 42.9 (15.5) 140.1 17.6 22 0.0 124.6 169.7 169.7 2007A	418 69.8 62.6 0.0 103.2 1417 8.0 (46.5) 23.7 0.7 (0.5) (70.1) 99.6 99.6 2008F	38.1 40.4 72.7 0.0 127.4 50.1 0.0 77.2 317 0.0 0.0 45.6 145.2 145.2 2009F	49.9 519 77.7 0.0 159.5 37.8 0.0 121.6 33.6 0.0 0.0 88.0 233.2 233.2 2010 233.2 416.8 0.0
+Interest/Tax/Expl Exp -Interest/Tax/Expl Inc +Depn/Amort +/-Other Operating Cashflow - Capex (+asset sales) - Working Capital Increase Free Cashflow - Dividends (ords & pref) +Equity raised +Debt drawdown (repaid) Net Change in Cash Cash at End Period Net Cash/(LT Debt) Balance Sheet (A\$m) Cash/Bullion Total Assets Total Assets Total Debt	54.4 23.4 35.0 0.0 167.5 42.9 (15.5) 140.1 17.6 2.2 0.0 124.6 169.7 169.7 2007A	418 69.8 62.6 0.0 103.2 1417 8.0 (46.5) 23.7 0.7 (0.5) (70.1) 99.6 99.6 2008F	38.1 40.4 72.7 0.0 127.4 50.1 0.0 77.2 317 0.0 0.0 45.6 145.2 145.2 2009F	49.9 519 77.7 0.0 159.5 37.8 0.0 121.6 33.6 0.0 0.0 88.0 233.2 233.2 233.2 416.8 0.0 0.19.9
+Interest/Tax/Expl Exp -Interest/Tax/Expl Inc -Interest/Tax/Expl Inc -Depn/Amort -Vother -Operating Cashflow - Capex(+asset sales) -Working Capital Increase -Free Cashflow -Dividends (ords & pref) +Equity raised +Debt drawdown (repaid)	54.4 23.4 35.0 0.0 167.5 42.9 (15.5) 140.1 17.6 2.2 0.0 124.6 169.7 169.7 2007A	418 69.8 62.6 0.0 103.2 1417 8.0 (46.5) 23.7 (0.5) (70.1) 99.6 99.6 2008F	38.1 40.4 72.7 0.0 127.4 50.1 0.0 77.2 317 0.0 0.0 45.6 145.2 145.2 2009F	49.9 519 77.7 0.0 159.5 37.8 0.0 121.6 33.6 0.0 0.0 88.0 233.2 233.2 233.2 416.8 0.0 0.19.9
+ Interest/Tax/Expl Exp - Interest/Tax/Expl Inc + Depn/Amort +/- Other Operating Cashflow - Capex (+asset sales) - Working Capital Increase Free Cashflow - Dividends (ords & pref) + Equity raised + Debt drawdown (repaid) Net Change in Cash Cash at End Period Net Cash/(LT Debt) Balance Sheet (A\$m) Cash/Bullion Total Assets Total Debt Total Liabilities Shareholders Funds Ratio s Net Debt/Equity (%)	54.4 23.4 35.0 0.0 167.5 42.9 (15.5) 140.1 17.6 2.2 0.0 124.6 169.7 169.7 2007 A 169.7 31.9 3.4 160.5 160.5	418 69.8 62.6 0.0 103.2 1417 8.0 (46.5) 23.7 0.7 (0.5) (70.1) 99.6 99.6 2008F 99.6 328.1 0.0 106.7 2215	38.1 40.4 72.7 0.0 127.4 50.1 0.0 77.2 317 0.0 0.0 45.6 145.2 145.2 2009F	49.9 519 77.7 0.0 159.5 37.8 0.0 121.6 33.6 0.0 0.0 88.0 233.2 233.2 201.0
+Interest/Tax/Expl Exp -Interest/Tax/Expl Inc	54.4 23.4 35.0 0.0 167.5 42.9 (15.5) 140.1 17.6 22 0.0 124.6 169.7 169.7 2007A 169.7 31.9 3.4 160.5 160.5	418 69.8 62.6 0.0 103.2 1417 8.0 (46.5) 23.7 0.7 (0.5) (70.1) 99.6 99.6 2008F 99.6 328.1 0.0 106.7 221.5	38.1 40.4 72.7 0.0 127.4 50.1 0.0 77.2 317 0.0 0.0 45.6 145.2 145.2 2009F 145.2 357.8 0.0 1110 246.7	49.9 519 77.7 0.0 159.5 37.8 0.0 121.6 33.6 0.0 0.0 88.0 233.2 233.2 201.0 19.9 296.9
+ Interest/Tax/Expl Exp - Interest/Tax/Expl Inc + Depn/Amort +/- Other Operating Cashflow - Capex (+asset sales) - Working Capital Increase Free Cashflow - Dividends (ords & pref) + Equity raised + Debt drawdown (repaid) Net Change in Cash Cash at End Period Net Cash/(LT Debt) Balance Sheet (A\$m) Cash/Bullion Total Assets Total Debt Total Liabilities Shareholders Funds Ratio s Net Debt/Equity (%)	54.4 23.4 35.0 0.0 167.5 42.9 (15.5) 140.1 17.6 2.2 0.0 124.6 169.7 169.7 2007 A 169.7 31.9 3.4 160.5 160.5	418 69.8 62.6 0.0 103.2 1417 8.0 (46.5) 23.7 0.7 (0.5) (70.1) 99.6 99.6 2008F 99.6 328.1 0.0 106.7 2215	38.1 40.4 72.7 0.0 127.4 50.1 0.0 77.2 317 0.0 0.0 45.6 145.2 145.2 2009F 145.2 357.8 0.0 1110 246.7	49.9 519 77.7 0.0 159.5 37.8 0.0 121.6 33.6 0.0 0.0 88.0 233.2 233.2 2010 19.9 296.9

Nickel Price A\$:\$US



Panoramic Resources Limited (PAN) \$2.40			
Valuation	A\$m		A\$/sh
Sally Malay Project	325		1.66
Copernicus-Salk	20		0.10
Lanfranchi	238		1.22
Forwards	22		0.11
Corporate	(43)		(0.22)
Cash	130		0.66
Debt	(10)		(0.05)
Exploration	141		0.72
Unpaid capital	4		0.02
NPV	828		4.22
Price Target	1,077		5.49
Sensitivities	+10%	0 '	-10%

\$6.14

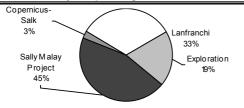
\$4.82

\$5.49

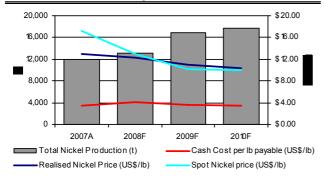
\$5.49

\$4.85 \$6.31

Valuation Summary of Operating Assets



Nickel Production Summary



Reserves & Resources

Reserves	Kt	Metal	Grade (%)	Metal (kt)
Sally Malay	2,790	Ni	132	36.8
		Cu	0.61	17.0
		Co	0.07	2.0
Lanfranchi JV	673	Ni	2.72	18.3
Deacon	1,695	Ni	2.54	43.1
Total	5,158	Ni	1.90	98.2
Resources	Kt	Metal	Grade (%) Metal (kt	
Sally Malay	3,276	Ni	174	57.0
		Cu	0.80	26.2
		Co	0.09	2.9
Copernicus JV	852	Ni	124	10.6
		Cu	0.60	5.1
		Co	0.04	0.3
Lanfranchi JV	2,907	Ni	195	56.6
Deacon	1,910	Ni	3.04	58.1
Total	8,945	Ni	2.04	182.3

Directors

Bank Julius Baer

Top 20

Name	F	osition	
Christopher de Guingand	Non-Executive Chairman		
Peter Harold	Managing Director		
Chris Langdon	Non Executive Director		
John Rowe	Non Executive Director		
Brian Phillips	Non Executive Director		
Senior M anagement	Position		
Chris Williams	Chief Operating Officer		
Trevor Eton	Chief Financial Officer		
Substantial Shareholders	Shares (m)	%	
Barclays	12.2	6.6	
BT Funds Management	7.2	3.9	
GMO	6.9	3.7	
Old M utual	6.6	3.5	

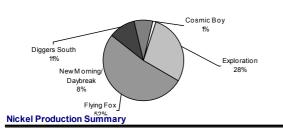
		V	-	l 20
0	00074		ear End	
Commodity Assumptions	2007A	2008F	2009F	2010F
A\$:US\$ Nickel (US\$/Ib)	\$ 0.79 \$ 17.21	\$0.90 \$12.93	\$ 0.91 \$ 10.21	\$0.81 \$9.94
Copper (US\$/lb)	\$3.21	\$3.53	\$3.57	\$3.44
Cobalt (US\$/lb)	\$2192	\$45.41	\$40.36	\$27.57
Zinc (US\$/lb) Lead (US\$/lb)	\$ 1.67 \$ 0.77	\$ 1.18 \$ 1.31	\$0.90 \$0.86	\$0.92 \$0.77
Loud (OOWID)	Ψ0.77	ψ τ	Ψ0.00	ψ0.11
Production Summary	2007A	2008F	2009F	2010F
Nickel (t)	2001A	20001	20031	20101
Sally Malay	8,010	7,790	9,029	9,504
Copernicus	0	0	821	912
Lanfranchi	3,888	5,285	7,055	7,350
Total Nickel Production (t)	11,898	13,075	16,904	17,766
Cobalt (t) Sally Malay	431	426	547	576
Copernicus	0	0	48	53
Lanfranchi	0	Ö	0	0
Copper (t)	0.000	4.00	4.400	4.400
Sally Malay Copernicus	3,688 0	4,136 0	4,188 653	4,408 725
Lanfranchi	202	282	394	394
0	60.50	Ø 4 00	#0.05	00.40
Cash Cost per lb payable (US\$/lb) Total Cost per lb payable (US\$/lb)	\$3.50 \$5.03	\$4.06 \$6.00	\$3.65 \$5.74	\$3.43 \$5.26
Spot Nickel price (US\$/lb)	\$17.21	\$12.93	\$10.21	\$9.94
Realised Nickel Price (US\$/lb)	\$12.87	\$12.27	\$10.95	\$10.38
Profit & Loss (A\$m)	2007A	2008F	2009F	2010F
Sales Revenue Other Income	299.6 3.0	252.2 6.6	353.0 8.4	386.6 6.2
Operating Costs	88.2	125.0	0.4 153.4	165.1
Exploration Exp.	2.1	3.7	6.5	6.7
Corporate/Admin EBITDA	7.8 204.5	11.7 118.5	12.1 189.4	12.3 208.8
Depn & Amort	41.9	39.4	57.2	59.2
EBIT	162.6	79.1	132.2	149.5
Derivatives adjustment	34.2 3.4	-4.1 1.0	0.0 0.6	0.0 0.2
Interest Operating Profit	124.9	82.3	13 1.5	149.4
Tax expense	36.5	22.3	39.5	44.8
NPAT	88.4	60.0	92.1	104.5
Normalised NPAT	87.4	53.5	92.1	104.5
Cook Flow (Atm)	20074	20005	2000	20405
Cash Flow (A\$m)	2007A	2008F	2009F	2010F
Adjusted Net Profit +Interest/Tax/Expl Exp	88.4 42.0	60.0 26.9	92.1 46.6	104.5 51.6
- Interest/Tax/Expl Inc	48.1	45.5	50.2	55.2
+Depn/Amort	419	39.4	57.2	59.2
+/- Other Operating Cashflow	44.0 168.3	0.0 80.8	0.0 145.7	0.0 160.2
- Capex (+asset sales)	38.4	78.3	15.3	16.0
- Working Capital Increase	7.8	(48.2)	0.0	0.0
Free Cashflow - Dividends (ords & pref)	122.1 0.0	50.7 36.0	130.4 27.0	144.2 34.9
+Equity raised	3.9	17	4.3	0.0
+Debt drawdown (repaid)	(36.6)	(6.3)	0.0	(10.0)
Net Change in Cash Cash at End Period	89.4 119.9	10.1 130.0	107.7 237.7	99.4 337.1
Net Cash/(LT Debt)	106.8	120.0	227.7	337.1
Balance Sheet (A\$m)	2007A	2008F	2009F	2010F
Cash	119.9	130.0	237.7	337.1
Total Assets	284.0	342.1	488.8	614.3
Total Debt Total Liabilities	13.1 16.1.9	10.0	10.0	0.0
Shareholders Funds	161.8 121.8	137.3 204.9	218.5 270.2	278.3 336.1
	-	-		
Ratios Net Debt/Equity (%)	na	na	na	na
Interest Cover (x)	47.2	80.0	208.2	942.2
Return on Equity (%)	72.6	29.3	34.1	311

Patersons Securities Limited 15

2.9



Western Areas NL	\$7.54		
Valuation	A\$m		A\$/sh
Flying Fox	558.6		3.24
Diggers South	115.7		0.67
New Morning/ Daybreak	80.6		0.47
Cosmic Boy	15.2		0.09
Spotted Quoli	380.7		2.21
Investments	10.7		0.06
Unpaid capital	15.0		0.09
Forwards	0.0		0.00
Corporate	(17.2)		(0.10)
Exploration	300.0		174
Cash	140.0		0.81
Debt (incl CN)	(266.0)		(154)
Total @ 8% Discount Rate	1333.3		7.73
Price Target	1866.7		10.82
Sensitivity Price Target	+10%	0	-10%
Nickel Price	\$12.29	\$10.82	\$9.36
A\$:\$US	\$12.45	\$10.82	\$9.49



26,000 24,000 22,000 20,000 8,000 10,

Total Ni in Concentrate (t)	Cash Cost (US\$/lb) per lb prod.
Realised Price Received (US\$/lb)	

Reserves & Resources

Reserves	kt	Ni %	Ni kt
Sub-total Flying Fox	1,259	5.2	65.9
Resources	kt	Ni %	Ni kt
	1790	5.9	105.8
Sub total - Flying Fox			
Spotted Quoll	546	6.3	34.5
New Morning/Daybreak	2,144	14	30.0
Cosmic Boy	181	2.8	5.1
Diggers South	7,800	10	78.8
Diggers Rocks	1,668	0.8	13.3
Total	14,129	1.89	267.5

Directors

Name		Position	
Terry Streeter		Chairman	
Julian Hanna	Managing Director		
Craig Oliver	Finance Director		
Dan Lougher	Operations Director		
Robin Dunbar	Non Executive Director		
David Cooper	Non Executive Director		
Substantial Shareholders	Shares (m)	%	
Jungle Creek Gold Mines	31.9	18.5	
G. Santalucia	20.9	12.1	
CBA	9.8	5.7	
Northmead Holdings	10.5	6.1	
Top 20	65.3	54.4	

			June 30
2007A	2008F	2009F	2010F
0.79 3.21	0.90 3.53	0.91 3.57	0.81 3.44
0.77	131	0.86	0.77
167	1.18	0.90	0.92
17.21	12.93	10.21	9.94
5.20	8.15	10.10	8.84
340.00	374.23	434.17	434.17
48.12	6175	94.90	10184
2007A	2008F	2009F	2010F
646	3,986	8,555	11,407
0	0	3,206	8,140
0	0	0	4,133
0	0	0	0
0	0	0	0
646	3,986	11,761	23,679
3.42	3.84	2.30	2.28
5.48	5.82	3.73	3.43
3.53	8.05	10.22	9.96
2007A	2008F	2009F	2010F
			442.6
		***	3.2 1013
			7.9
			7.6
			329.0
0.6	13.3	28.1	50.9
(15.1)	(8.8)	116.6	278.2
0.3	19.6	20.1	20.1
(15.4)	(28.4)	96.5	258.1
(3.3)	(15.3)	29.0	77.4
0.0 (12.1)	0.0 (13.1)	0.0 67.6	0.0 180.7
(10.8)	(19.9)	67.6	180.7
2007A	2008F	2009F	2010F
			180.7
0.9	12.0	56.8	105.4
26.7	22.2	64.5	113.3
0.6	13.3	28.1	50.9
0.0	0.0	0.0	0.0
(37.3)	(10.0)	87.9	223.6
			719
			0.0
			151.8
			50.4 0.0
247.8	(14.8)	0.0	0.0
	(11.0)	0.0	0.0
234.5	(97.0)	(93.1)	101.4
234.5 237.0	(97.0) 140.0	(93.1) 46.9	10 1.4 148.3
237.0 (43.9) 2007A	140.0 (126.0) 2008F	46.9 (219.1) 2009F	148.3 (117.7) 2010F
237.0 (43.9) 2007A 237.0	140.0 (126.0) 2008F 140.0	46.9 (219.1) 2009F 46.9	148.3 (117.7) 2010F 148.3
237.0 (43.9) 2007A 237.0 419.6	140.0 (126.0) 2008F 140.0 4316	46.9 (219.1) 2009F 46.9 483.4	148.3 (117.7) 2010F 148.3 692.8
237.0 (43.9) 2007A 237.0	140.0 (126.0) 2008F 140.0	46.9 (219.1) 2009F 46.9	148.3 (117.7) 2010F 148.3
	17.21 5.20 340.00 48.12 2007 A 646 0 0 0 0 646 3.42 5.48 3.53 2007 A 17.4 (2.1) 118 3.9 4.0 (14.5) 0.6 (15.1) 0.3 (15.4) (3.3) 0.0 (12.1) (10.8) 2007 A	17.21 2.93 5.20 8.5 340.00 374.23 48.12 6175 2007A 2008F 646 3,986 0 0 0 0 0 0 646 3,986 3.986 3.986 3.986 3.986 3.42 3.84 5.48 5.82 3.53 8.05 2007A 2008F 17.4 65.4 (12.1) (2.5) 118 444 3.9 7.7 4.0 6.4 (14.5) 4.5 0.6 13.3 (15.1) (8.8) 0.3 19.6 (15.4) (28.4) (3.3) (15.3) 0.0 0.0 (12.1) (13.1) (10.8) (19.9) 2007A 2008F (10.0) 48.6	17.21 12.93 10.21 5.20 8.5 10.10 340.00 374.23 434.17 48.12 6175 94.90 2007A 2008F 2009F 646 3,986 8.555 0 0 0 0 0 0 0 0 0 0 0 0 646 3,986 11,761 3.42 3.84 2.30 5.48 5.82 3.73 3.53 8.05 10.22 2007A 2008F 2009F 17.4 65.4 200.5 (12.1) (2.5) 4.4 118 44.4 45.1 3.9 7.7 7.7 4.0 6.4 7.4 (14.5) 4.5 14.6 0.3 3.2 28.1 (15.1) (8.8) 116.6 0.3 9.6 20.1 (

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