LISTED INVESTMENT COMPANIES



QUANTITATIVE RESEARCH

Demand for LICs Improve As Uncertainty Lingers

Listed investment companies are essentially listed equivalents of managed funds but with a few notable differences. LICs have higher levels of transparency, tend to charge lower fees than its unlisted counterparts and are closed end funds. This means investors buy and sell the LIC vehicle so the LIC managers are not under pressure to meet redemptions. A key risk is that LICs cannot be redeemed for its underlying face value and share prices may deviate significantly from its underlying NTA. Prices are at close 14th December 2012.

17 December 2012

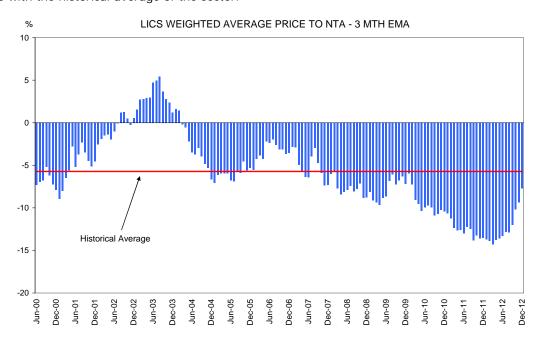
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This report compares 30 different LICs and identifies those that are most attractive on a number of quantitative measures including price to NTA, dividend yield, NTA growth, and total returns. The key criterion in the evaluation of a LIC is its track record. Those with the best long-term performances (measured by total return, dividend and NTA growth) are the ones likely to give the best future returns. In the Appendix, we provide a list of top 20 holdings and a historical price to NTA chart for each LIC.

Key Ideas:

- Most Attractive An analysis of price to NTA and long term NTA growth rates reveal that Carlton Investments (CIN), Westoz (WIC), Australian Leaders (ALF), and Clime Capital (CAM) offers the best value. From these, ALF currently has the highest dividend yield at 8% fully franked while CIN is the largest by market cap. Meanwhile, Djerriwarrh (DJW) and Mirrabooka (MIR) appear most expensive.
- Strongest NTA Growth The LICs with the strongest NTA growth over the year has been Cadence Capital (CDM), Magellan Flagship (MFF), and Australian Leaders (ALF). Over five years, Australian Leaders (ALF), Cadence Capital (CDM), WAM Capital (WAM), and Clime Capital (CAM) have achieved the strongest growth in NTA. The best performers (total return) over the last five years have been CDM, ALF, MFF, and WAM.
- Premiums to NTA Most LICs are now trading at premiums to its historical price to NTA levels with the exception of Platinum Capital (PMC) and Katana Capital (KAT). Those that are trading at significant premiums to its underlying NTA are Djerriwarrh (DJW), Mirrabooka (MIR), and Cadence Capital (CDM).
- Dividend Yield On average, the LICs sector has a dividend yield of 7.8% (gross). The highest yielding LICs (based on most recent reported dividends) are ING Private Equity (IPE), Aberdeen Leaders (ALR), Australian Leaders (ALF), and WAM Research (WAX). Last financial year, CDM paid out an additional 4.5cps in special dividends. The LICs which have cut its distributions over the last year are Century Australia (CYA), AMCIL (AMH) and LinQ Resources (LRF).

The trend in the median premium to NTA (pre-tax) of LICs since June 2000 is shown in the chart below. The discount between price and NTA has been contracting over the last year. The median discount to NTA is now currently at 6.3% and in line with the historical average of the sector.



WHY BUY LICS?

For conservative investors wishing to match or possibly beat the long-term returns of the All Ordinaries Index, especially those with a limited amount of capital, a number of LICs can provide the necessary spread of investments. Although many investors focus on whether a LIC is trading at a discount or premium to net tangible asset backing (NTA), in reality, the better performing LICs trade at a premium and the poor performers often trade at deep discounts.

The removal of trailing commissions from unlisted mutual funds will provide a renewed focus on the listed investment funds sector. As closed end funds, the LIC managers do not have to sell stock at the bottom of bear markets to meet redemptions when prices are low and, conversely, they do not need to buy stock when prices are high. This allows a LIC to concentrate on investment selection without having to factor in the consequences of money leaving the fund unexpectedly (as in the case of a managed fund).

Most of the better performing LICs have long-term investment horizons, which provide stability and steady returns. Management expense ratios for the larger established LICs (typically less than 0.3%) are generally much lower than those of unlisted funds. Usually this is a result of fewer transactions with long-term buy and hold strategies. LICs are also internally managed which results in lower costs. Generally, funds which are focused on smaller or emerging companies may incur higher costs as a result of the requirement for additional inhouse research. Investors should be aware that being listed means that LICs cannot be redeemed for its underlying share face value and share prices may deviate significantly from its underlying NTA.

Unlike managed funds, LICs provide a post tax calculation which includes realised capital gains taxed at the corporate rate. As a result, LICs are disadvantaged as franking benefits are usually not incorporated in the performance calculations. In our calculations, we will be using pre-tax NTA figures to provide reporting consistency with unlisted managed funds.

The most important criterion in the evaluation of a LIC is its track record. Those with the best long-term performances (measured by total return, dividend and NTA growth) are the ones likely to give the best future returns. However, given the lack of track record of the newer LICs, a closer focus on investment philosophy, NTA backing and the investment manager's skill are most important in making a valuation call.

LICs that rely on a theme are unlikely to out-perform the market over the long term, but can provide strong returns over a short to medium term time frame. Gearing (e.g. Aberdeen Leaders) is potentially a positive when markets are moving higher but can be a negative when Bear markets prevail.

GLOBAL AND THEME LICS

Templeton Global (TGG), Platinum Capital (PMC), Linq Resources (LRF), Magellan Flagship Fund (MFF) and Hunter Hall Global (HHV) have a global spread of investments and may be appropriate for investors wishing to diversify beyond Australia. Of these, Platinum has the ability to apply derivatives to protect against loss. Templeton AMP Capital China Fund provides exposure to China A shares. Djerriwarrh (DJW) specialises in purchasing local option stocks and writing call options against them, while Contango (CTN) mainly target domestic microcaps.

INVESTMENT FOCUS:

Code	Company	Manager	Focus	Benchmark
Domes	tic - Large			
AFI	Australian Foundat.	Internal	Large/mid cap, value, active, long only	ASX200 Accum.
ARG	Argo Investments	Internal	Large/mid cap, balanced, active, long only	All Ords Accum.
MLT	Milton Corporation	Internal	Large/mid/small cap, balanced, active, long only	All Ords Accum.
DJW	Djerriwarrh	Internal	Large, value, active, long only	ASX50 Accum.
AUI	Australian United In	Internal	Large/mid cap, balanced, passive, long only	ASX300 Accum.
BKI	BKI Investment Ltd	Internal	Large/small, balanced, passive, long only	ASX300 Accum.
DUI	Diversified United	Internal	Large, balanced, passive, long only	ASX300 Accum.
CIN	Carlton Investments	Internal	Large blue chips, balanced, active, long only	ASX200 Accum.
Domes	tic – Small			
MIR	Mirrabooka Invest.	Internal	Mid/small cap, value, active, long only	Midcap 50%; Small Accum (50%)
WHF	Whitefield Ltd	White Funds Mgt.	Large, style neutral, balanced, active, long only	ASX200 Accum.
WAM	WAM Capital Limited	Wilson Asset Mgt. International	Mid/small cap, undervalued growth opportunities, active, arbitrage	All Ords Accum.
AMH	AMCIL Limited	Internal	Large/mid/small, value, active, long only	ASX200 Accum.
CTN	Contango Microcap	Contango Asset Mgt.	Small cap, balanced, active, long only	All Ords Accum.
WIC	Westoz Inv Ltd	Westoz Funds Mgt.	WA stocks outside top 100, value, long only	Positive return (p.a)
WAX	WAM Research Ltd	Wilson Asset Mgt.	Mid/small cap, balanced, active, long	All Ords Accum.
ALF	Australian Leaders	Watermark Funds Mgt	At least 70% of the fund in the ASX100, value, long/short	All Ords Accum.
IBC	Ironbark Capital Ltd	Kaplan Funds Mgt	Large/mid cap, hybrids, long only	ASX300 Accum.
ALR	Aberdeen Leaders	Aberdeen Asset Mgt	Large/mid cap blue chips, value, active, long only	ASX200 Accum.
CDM	Cadence Capital	Cadence Asset Mgt	Large/mid/small cap, value/technical, active, long only	All Ords Accum.
CYA	Century Australia	Perennial Value Mgt	Large, value, active, long only	ASX300 Accum.
CAM	Clime Capital	Clime Asset Mgt	Large/mid/small, value, quantitative, active, long only	All Ords Accum.
KAT	Katana Capital	Katana Asset Mgt.	Large/mid/small, Value, style neutral, technical, long only	All Ords Accum.
Interna	ational			
MFF	Magellan Flagship	Magellan Asset Mgt	Global (US focus), large, value, active, long only	MSCI World Price Index (AUD)
AGF	Amp Capital China	AMP Capital	China A shares; large, balanced, active, long only	CTIC 300 TR Index (AUD)
HHV	Hunter Hall Global	Hunter Hall Invest. Mgt	Global, mid/small cap, value, active, long only	MSCI World Accum (AUD)
PMC	Platinum Capital Ltd	Platinum Asset Mgt	Large, absolute return, active, long/short	MSCI All Country World Net
TGG	Templeton Global	Templeton Global Equity	Global, large, value, active, long only	MSCI All Country World (AUD)
PRV	Premium Investors	Treasury Group	Global/domestic, large, balanced, active, long only	5 Yr Govt bonds + 3%p.a
Specia	list		- 3 3	- · - - · -
GMI	Global Mining	Blackrock Invest. Mgt	Global/domestic, metals & mining, mid/small cap, balance/ growth, active, long only	HSBC Global Mining (AUD)
LRF	LinQ Resources Fund	LinQ Capital	Small/mid cap resources, domestic/ global, long only	ASX Small resources
IPE	ING Private Equity	ING Investment Mgt	invests in about 16 private equity funds	Positive return (p.a)

SUMMARY TABLE:

The table below provides a summary of the LICs in descending order of long term total return.

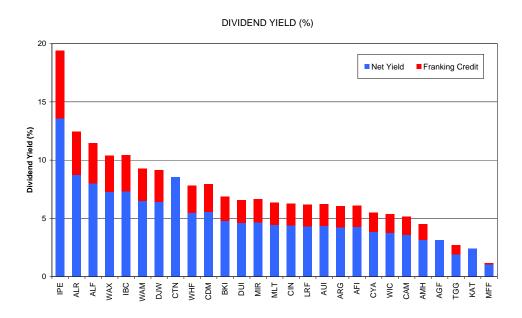
Code	Company	Price (\$) 17.12.12	Pre-tax NTA (\$)	Prem/Disc to NTA (%)	Approx. DPS (c)	Net Yield (%)	Gross Yield (\$)	Franking (%)	5 Yr Total Return (% p.a)	Market Cap (\$M)
Domes	stic - Large									
CIN	Carlton Investments	19.10	23.05	-17.1	84.0	4.4	6.3	100	2.1	511
BKI	BKI Investment Ltd	1.33	1.40	-5.0	6.4	4.8	6.9	100	1.7	582
DJW	Djerriwarrh	4.07	3.37	20.8	26.0	6.4	9.1	100	0.3	894
AFI	Australian Foundat.	4.94	4.76	3.8	21.0	4.3	6.1	100	-1.1	5,129
MLT	Milton Corporation	17.59	17.71	-0.7	78.0	4.4	6.3	100	-1.3	2,137
ARG	Argo Investments	6.15	6.02	2.2	26.0	4.2	6.0	100	-2.5	3,842
AUI	Australian United In	6.45	6.88	-6.3	28.0	4.3	6.2	100	-3.7	690
DUI	Diversified United	2.83	2.99	-5.4	13.0	4.6	6.6	100	-3.8	472
Domes	stic - Small									
CDM	Cadence Capital	1.43	1.33	6.8	7.9	5.5	7.9	100	10.5	95
ALF	Australian Leaders	1.37	1.40	-2.0	11.0	8.0	11.5	100	8.7	99
WAM	WAM Capital Limited	1.67	1.66	0.7	10.9	6.5	9.3	100	3.2	231
MIR	Mirrabooka Invest.	2.14	1.97	8.6	10.0	4.7	6.7	100	2.9	300
CAM	Clime Capital	1.04	1.12	-7.6	3.7	3.6	5.1	100	2.2	52
AMH	AMCIL Limited	0.79	0.81	-2.5	2.5	3.2	4.5	100	2.1	167
WIC	Westoz Inv Ltd	1.06	1.37	-22.5	4.0	3.8	5.4	100	1.6	135
WAX	WAM Research Ltd	0.90	0.91	-1.5	6.5	7.3	10.4	100	1.5	108
IBC	Ironbark Capital Ltd	0.52	0.58	-10.3	3.8	7.3	10.4	100	-0.3	81
WHF	Whitefield Ltd	3.10	3.32	-6.6	17.0	5.5	7.8	100	-3.8	231
CYA	Century Australia	0.70	0.80	-12.6	2.7	3.9	5.5	100	-5.0	56
ALR	Aberdeen Leaders	1.09	1.11	-1.8	9.5	8.7	12.5	100	-5.9	66
KAT	Katana Capital	0.63	0.87	-27.8	1.5	2.4	2.4	0	-7.2	25
CTN	Contango Microcap	1.00	1.13	-12.3	8.5	8.5	8.5	0	-7.4	150
Intern	ational									
MFF	Magellan Flagship	0.96	0.97	-1.3	1.0	1.0	1.2	26	4.3	337
PRV	Premium Investors	0.85	0.91	-6.1	0.0	0.0	0.0	100	-2.0	86
PMC	Platinum Capital Ltd	1.10	1.14	-3.8	0.0	0.0	0.0	100	-3.1	180
HHV	Hunter Hall Global	0.78	0.94	-16.6	0.0	0.0	0.0	100	-4.0	170
TGG	Templeton Global	0.79	0.92	-14.7	1.5	1.9	2.7	100	-8.2	112
AGF	Amp Capital China	0.66	0.75	-12.7	2.1	3.1	3.1	0	-10.8	228
Specia	alist									
IPE	ING Private Equity	0.35	0.45	-22.0	4.8	13.6	19.4	100	-10.4	48
LRF	LinQ Resources Fund	0.70	0.91	-23.6	3.0	4.3	6.2	100	-10.7	127
All Orde	s. Accumulation Index								-3.1	

NB: dividends are based on most recent reported annual figures and are not forecast distributions NAV is used for AGF instead of NTA. LRF report after tax NTA.

⁵ year annualised total return from 30 Nov 2007 to 30 Nov 2012.

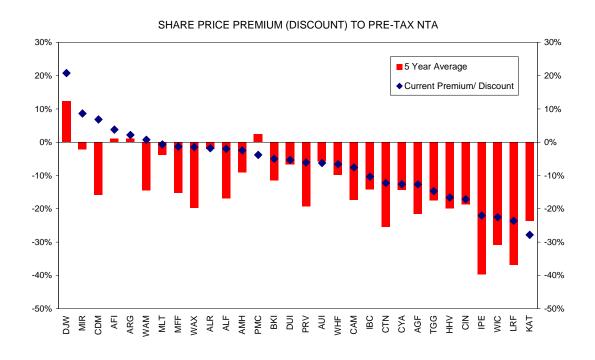
DIVIDEND YIELD

The following chart displays the LICS annual dividend yield based on the most recent reported dividend payments in the last financial year. Although dividends are an important feature of investing, clients should note that there is no guarantee these dividends will continue into the future. The LICs which have cut its distributions over the last year are LRF, CYA, and AMH. On the other hand, those which have increased distributions include WAM, CTN, BKI, CIN, AUI, WAX, and MLT. LICs that are currently not paying dividends are HHV, PRV, and PMC. Note that the chart below does not include special dividends eg. CDM.



PREMIUM/ DISCOUNT TO NTA

The table below compares the premium/ discount of our LICs universe to its five year historical averages. The majority of LICS are currently trading above its historical premium to NTA, suggesting that investors tend to lean towards the expertise of fund managers during periods of high market uncertainty. The LICs which are trading at a discount to its historical levels include PMC and AUI. Those that are trading at a significant premium to NTA include DJW, MIR, CDM, and AFI.



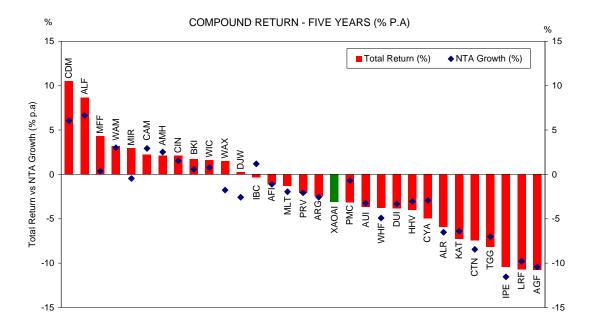
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TOTAL RETURN AND NTA GROWTH

The following charts compare the one and five year total return with the underlying NTA growth for the LICs in our universe. Over the last year, the share price performance of most LICs has surpassed its underlying growth in NTAs. In fact, most LICs have outperformed the All Ordinaries Accumulation Index. The LICs with the strongest NTA growth over the year are CDM, MFF, ALF, and WAX.

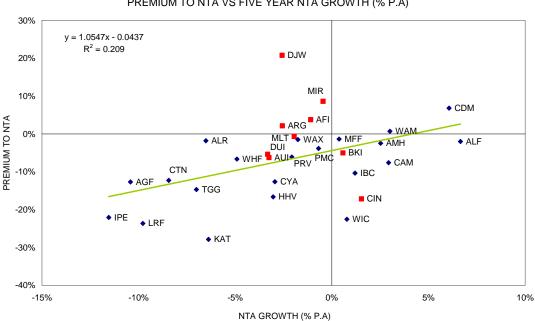


Over a five year period, the best performers have been CDM, ALF, MFF, WAM, MIR and CAM. The worst performing domestic fund over this period was CTN. Meanwhile, the LICS with the strongest NTA growth in the long term are ALF, CDM, WAM, and CAM. The poor returns from China Shares and Resources have had a significant impact on AGF and LRF. About 57% of LICs have outperformed the All Ordinaries Accumulation Index which has returned ~ -3.1% p.a. over the last five years (ending November 2012).



PREMIUM TO NTA VS NTA GROWTH

In the chart below, the large domestic LICs are represented by red squares. The most attractive LICs are the ones positioned on the right bottom corner as these are the ones which are trading at a discount to NTA despite achieving positive growth in NTA over the last five years - the most attractive LICs are CIN, WIC, ALF, CAM and IBC. On the other hand, DJW, MIR, ARG and AFI appear expensive.



PREMIUM TO NTA VS FIVE YEAR NTA GROWTH (% P.A)

TOTAL RETURN VS NTA GROWTH

In theory, we would expect share price gains to reflect NTA growth over the long term. However, increasing market uncertainty often provides opportunities when there is a significant disparity between total return and NTA growth. These are the LICs that lie furthest away from the line of best fit eg. PMC and IBC.



TOTAL RETURN VS FIVE YEAR NTA GROWTH (% P.A)

Domestic Exchange Traded Funds

Exchange Traded Funds are listed, managed, open-ended funds (new units are created when you invest in the fund) that invest in a portfolio of securities, which may include Australian shares, international shares, fixed income securities, listed property trusts, commodities, currencies or a combination of asset classes. ETFs can be classed as conventional, which are backed by physical assets, or synthetic, which rely on financial instruments like derivatives. Most ETFs in Australia are conventional, ETFs that track common indices. The three State Street Global Advisors funds shown in the table below are passive funds linked to three of the S&P/ASX indexes (the 200 Leaders, the 50 Leaders and the property trusts from the 200 Leaders index). These index funds provide returns that replicate the performances of the underlying indexes, completely eliminating manager performance risk in the process. Yields are based on the aggregate yields of the component stocks. Management fees tend to be low, in the range 0.07 to 0.5%.

		Listing	Market	Price	Dividend		1 Year
Exchange Traded Funds	Code	Date	Cap.	8.08.12	Yield	Franking	Return
			(\$M)	(\$)	(%)	(%)	(%)
SPDR ASX200	STW	27.08.01	2,546	40.44	4.2	71.6	13.09
SPDR ASX50	SFY	27.08.01	259	42.50	4.3	75.8	16.10
SPDR ASX200 Prop. Tr. Fund	SLF	18.02.02	291	8.44	4.2	0.0	33.41

Note; the exchange is AXW not ASX.

Vanguard also has a domestic fund called the Vanguard Australian Shares Index (VAS), which covers the S&P/ASX 300 index. Australian Index Investments (AII) also offers a range of sector-specific funds targeting financials (banking, finance and real estate), financials excluding A-REITS, resources (including energy), REITS, metals and mining, industrials (capital goods and commercial services) and energy. The table below gives the codes and source indices.

Aii Sector ETF	ASX Code (.AXW)
Aii S&P/ASX 200 Financials	FIN
Aii S&P/ASX 200 Financials x-A-REITS	FIX
Aii S&P/ASX 200 Resources	RSR
Aii S&P/ASX 200 Metals & Mining	MAM
Aii S&P/ASX 200 Industrials	IDD
Aii S&P/ASX 200 Energy	ENY

Relatively new to the Australian market is the ETF issuer BetaShares, which currently offers six ETFs covering gold bullion, currencies (U.S., U.K. and Euros), Australian resources companies and Australian financials. All the funds are held with third party custodians so unitholders have no credit risk on BetaShares. BetaShares is also affiliated with Horizon BetaPro, the largest ETF issuer in Canada with approximately 3bn in funds under management.

Description	ASX Code (.AXW)
Currency hedged gold bullion tracking the US\$ Gold bullion price (physically backed by gold in the JP Morgan Chase London vault)	QAU
Physical US Dollars held in a custodial bank account with JP Morgan Chase	USD
Physical British pounds held in a custodial bank account with JP Morgan Chase	POU
Physical Euros held in a custodial bank account with JP Morgan Chase	EEU
S&P/ASX 200 Resources Index (backed by physical stock held with RBC Dexia	QRE
S&P/ASX 200 Financials-x-A-REITS index (backed by physical stock held with RBC Dexia).	QFN

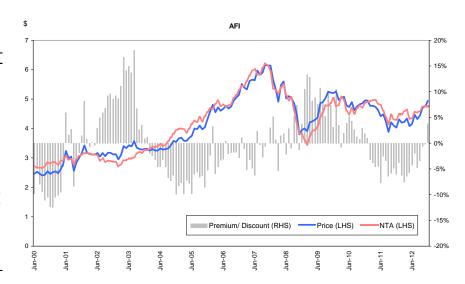
Another ETF that may be of interest to local investors is the Russell High Dividend Australian Shares ETF (code RDV), which tracks the new Russell Australia High Dividend Index.

APPENDIX

In the following section we provide a list of top holdings for the domestic LICs and a chart comparing the NTA and share price trends for LICs which have sufficient history. The charts are in the same order as the list on page 3.

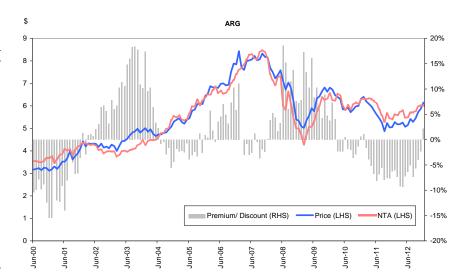
Australian Foundation

AFI	As at 30 November 2012	
Code	Company	% Portfolio
CBA	Commonwealth Bank of Austr	10.1
BHP	BHP Billiton	9.9
WBC	Westpac Banking Corporation	9.3
WES	Wesfarmers (a)	5.4
NAB	National Australia Bank	4.9
TLS	Telstra Corporation	4.6
ANZ	Australia & New Zealand Banl	4.4
RIO	Rio Tinto	4.2
WOW	Woolworths	3.6
AIX	Australian Infrastructure Func	2.2
OSH	Oil Search	2.2
WPL	Woodside Petroleum	2.1
AMC	Amcor	2.0
TCL	Transurban Group	2.0
AMP	AMP	1.9
STO	Santos	1.8
BXB	Brambles	1.6
QBE	QBE Insurance Group	1.5
ORG	Origin Energy	1.5
AGK	AGL Energy	1.4
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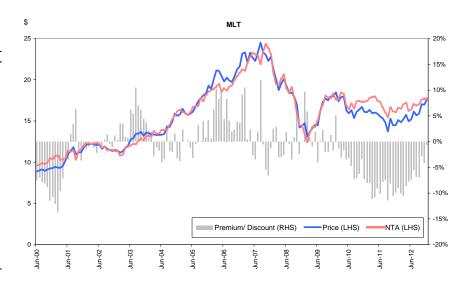
Argo Investments

ARG	As at 30 November 2012	
Code	Company	% Portfolio
BHP	BHP Billiton Ltd.	7.2
WBC	Westpac Banking Corporation	6.4
ANZ	Australia & New Zealand Banl	5.2
WES	Wesfarmers Ltd.	4.6
CBA	Commonwealth Bank of Austr	4.3
TLS	Telstra Corporation Ltd.	4.2
RIO	Rio Tinto Ltd.	3.8
MLT	Milton Corporation Ltd.	3.6
NAB	National Australia Bank Ltd.	3.3
AUI	Australian United Investment	3.2
WOW	Woolworths Ltd.	3.1
MQG	Macquarie Group Ltd.	2.4
ORG	Origin Energy Ltd.	1.9
CSL	CSL Ltd.	1.6
WPL	Woodside Petroleum Ltd.	1.5
AMP	AMP Ltd.	1.5
ORI	Orica Ltd.	1.4
NWS	News Corporation	1.2
STO	Santos Ltd.	1.2
AGK	AGL Energy Ltd.	1.2



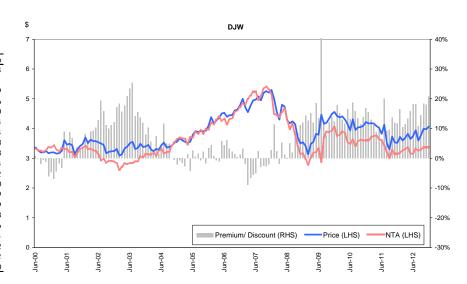
Milton Corp.

MLT	As at 30 November 2012	
Code	Company	% Portfolio
WBC	Westpac Banking Corporation	12.3
CBA	Commonwealth Bank of Austr	8.3
SOL	W H Soul Pattinson	5.5
BHP	BHP Billiton	5.1
NAB	National Australia Bank	4.9
ALQ	ALS Limited	4.8
WES	Wesfarmers	4.7
WOW	Woolworths	3.5
ANZ	Australia & New Zealand Banl	3.2
TEL	Telstra Corporation	2.5
BOQ	Bendigo and Adelaide Bank	2.1
BEN	Bank of Queensland	2.1
BKW	Brickworks Limited	1.7
AGK	AGL Energy	1.5
CSL	CSL Limited	1.4
QBE	QBE Insurance Group	1.4
SUN	Suncorp-Metway	1.3
WPL	Woodside Petroleum	1.3
RIO	Rio Tinto	1.2
PPT	Perpetual Trustees	1.2



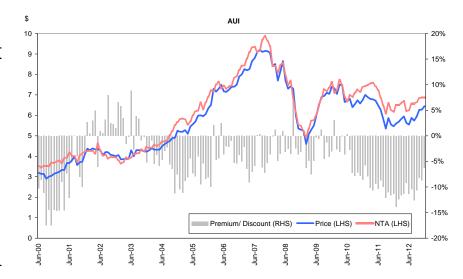
Djerriwarrh

DJW	As at 30 November 2012	
Code	Company	% Portfolio
BHP	BHP Billiton Limited	12.3
CBA	Commonwealth Bank.	11.1
ANZ	ANZ Banking Grp Ltd	8.9
TLS	Telstra Corporation.	8.6
WBC	Westpac Banking Corp	8.0
NAB	National Aust. Bank	7.4
OSH	Oil Search Ltd	5.4
WPL	Woodside Petroleum	4.8
AMP	AMP Limited	3.8
WES	Wesfarmers Limited	3.4
RIO	Rio Tinto Limited	3.2
STO	Santos Ltd	3.0
BXB	Brambles Limited	2.9
TCL	Transurban Group	2.9
APA	APA Group	2.8
QBE	QBE Insurance Group	2.6
CCL	Coca Cola Amatil	2.4
AIX	Australian Infrastr.	2.2
WOW	Woolworths Limited	2.2
AMC	Amcor Limited	2.0
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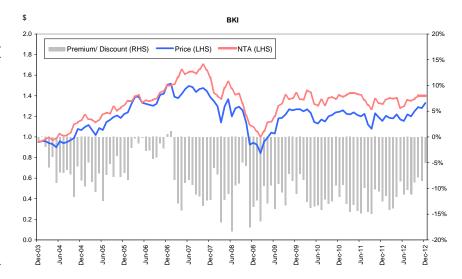
Australian United

ARG	As at 30 November 2012	
Code	Company	% Portfolio
BHP	BHP Billiton Ltd.	7.2
WBC	Westpac Banking Corporation	6.4
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TLS	Telstra Corporation Ltd.	4.2
RIO	Rio Tinto Ltd.	3.8
MLT	Milton Corporation Ltd.	3.6
NAB	National Australia Bank Ltd.	3.3
AUI	Australian United Investment	3.2
WOW	Woolworths Ltd.	3.1
MQG	Macquarie Group Ltd.	2.4
ORG	Origin Energy Ltd.	1.9
CSL	CSL Ltd.	1.6
WPL	Woodside Petroleum Ltd.	1.5
AMP	AMP Ltd.	1.5
ORI	Orica Ltd.	1.4
NWS	News Corporation	1.2
STO	Santos Ltd.	1.2
AGK	AGL Energy Ltd.	1.2



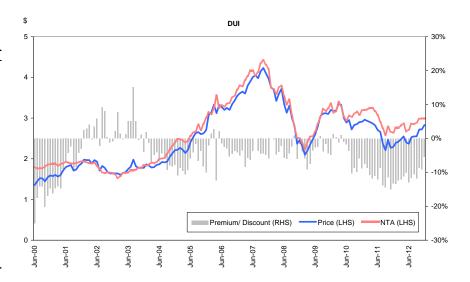
BKI Investment

BKI	As at 30 November 2012	
Code	Company	% Portfolio
NHC	New Hope Corporation	9.6
CBA	Commonwealth Bank	9.1
NAB	National Australia Bank	8.4
BHP	BHP Billiton Limited	7.6
WBC	Westpac Banking Corp	7.1
TLS	Telstra Corporation	5.0
WES	Wesfarmers Limited	4.4
ANZ	ANZ Banking Group	3.5
WOW	Woolworths Limited	3.5
ALQ	ALS Limited	2.9
AGK	AGL Energy Limited	2.6
WPL	Woodside Petroleum Limited	2.1
CCL	Coca Cola Amatil Limited	1.9
TPG	TPG Telecom Limited	1.6
MTS	Metcash Limited	1.6
ARP	ARB Corporation	1.5
IVC	InvoCare Limited	1.4
QBE	QBE Insurance Group	1.3
MLT	Milton Corporation	1.1
ASX	ASX Limited	1.0



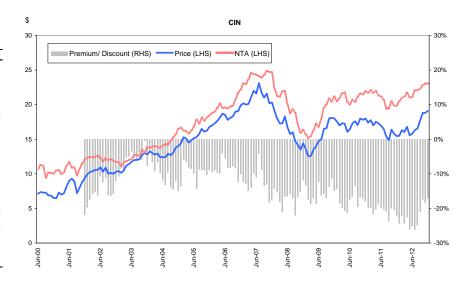
Diversified United

DUI	As at 30 November 2012	
Code	Company	% Portfolio
BHP	BHP Billiton Ltd	9.1
CBA	Commonwealth Bank of Austr	8.4
ANZ	ANZ Banking Group Ltd	8.1
WBC	Westpac Banking Corporation	8.1
WPL	Woodside Petroleum Ltd	6.2
RIO	Rio Tinto Ltd	5.4
CSL	CSL Ltd	5.1
NAB	National Australia Bank Ltd	5.1
WOW	Woolworths Ltd	3.6
TCL	Transurban Group	3.3
QBE	QBE Insurance Group Ltd	3.0
WES	Wesfarmers Ltd PPS and Ordi	2.9
AGK	AGL Energy Ltd	2.4
SOL	Washington H Soul Pattinson	2.1
WES	Westfield Group	1.8
MYS	Mystate Ltd	1.6
AMP	AMP Ltd	1.6
WOR	Worley Parsons Ltd	1.5
ORI	Origin Energy Ltd	1.5
AIX	Australian Infrastructure Func	1.4



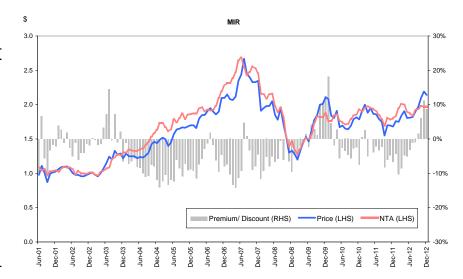
Carlton Investments

CIN	As at 30 September 2012	
Code	Company	% Portfolio
AHD	Amalgamated Holdings	34.9
NAB	National Australia Bank	8.5
WBC	Westpac Bank	7.5
CBA	Commonwealth Bank	5.2
BHP	BHP Billiton	4.0
ANZ	ANZ Bank	4.0
WES	Wesfarmers	3.7
AGK	AGL	3.3
TLS	Telstra	2.3
ORI	Orica	2.3
GOW	Gowing Bros.	1.6
BOQ	Bank of Queensland	1.3
PPT	Perpetual	1.2
AMC	Amcor	1.1
ORG	Origin Energy	1.0
CCL	Coca Cola Amatil	1.0
BEN	Bendigo & Adelaide Bank	1.0
JHX	James Hardie	0.9
STO	Santos	0.9
RIO	Rio Tinto	0.8
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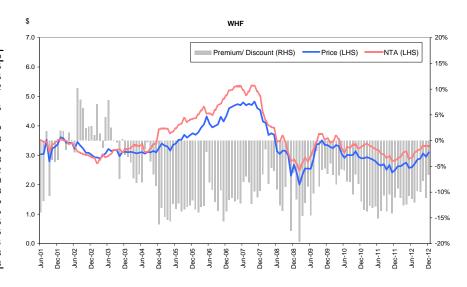
Mirrabooka Investments

MIR	As at 30 November 2012	
Code	Company	% Portfolio
AIX	Australian Infrastructure Fund	6.8
TOX	Tox Free Solutions	5.4
ALQ	ALS	5.3
OSH	Oil Search	4.4
IRE	IRESS	4.2
JHX	James Hardie Industries	4.2
AUB	Austbrokers Holdings	3.7
ANN	Ansell	3.6
IVC	InvoCare	3.6
CCL	Coca-Cola Amatil	3.3
RHC	Ramsay Health Care	2.9
REA	REA Group	2.8
FWD	Fleetwood Corporation	2.6
SXY	Senex Energy	2.4
MRM	Mermaid Marine Australia	2.3
WLL	Wellcom Group	2.3
EQT	Equity Trustees	2.2
BKN	Bradken	2.0
PPT	Perpetual	1.9
AWC	Alumina	1.8



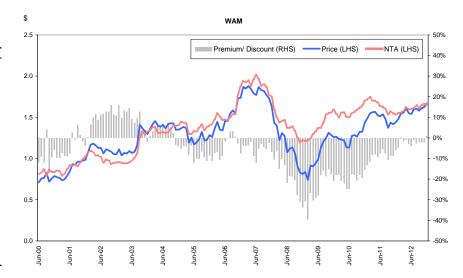
Whitefield

WHF	As at 33 November 2012	
Code	Company	% Portfolio
CBA	Commonwealth Bank Of Aust	9.5
WBC	Westpac Banking Corporation	8.5
ANZ	ANZ Banking Group Limited	7.2
NAB	National Australia Bank Limite	6.1
TLS	Telstra Corporation Limited	4.5
MQG	Macquarie Group Limited	4.1
CSL	CSL Limited	3.9
WES	Wesfarmers Limited	3.8
WOW	Woolworths Limited	3.6
AMP	AMP Limited	2.8
CWN	Crown Limited	2.2
SVW	Seven Group Holdings Limited	2.0
QBE	QBE Insurance Group Limited	1.8
IVC	InvoCare Limited	1.6
I)PL	Incitec Pivot Limited	1.6
AIO	Asciano Limited	1.5
CPU	Computershare Limited	1.5
NWSLV	News Corporation Inc. Class /	1.4
WDC	Westfield Group	1.3
BXB	Brambles Limited	1.3



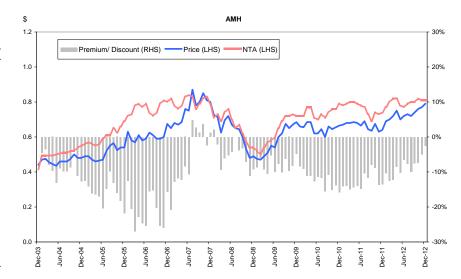
WAM Capital

WAM	As at 30 November 2012	
Code	Company	% Portfolio
IBC	Ironbark Capital Limited	2.6
ALS	Alesco Corporation Limited	2.5
CYA	Century Australia Investment	2.3
MFG	Magellan Financial Group Lim	2.1
INA	Ingenia Communities Group	2.1
ELI	Emerging Leaders Investment	1.9
RHG	RHG Limited	1.7
NXT	NEXTDC Limited	1.7
BKW	Brickworks Limited	1.7
BRG	Breville Group Limited	1.5
CYG	Coventry Group Limited	1.5
CRZ	Carsales.Com Limited	1.4
AHE	Automotive Holdings Group L	1.4
FAN	Fantastic Holdings Limited	1.3
CCQ	Contango Capital Partners Lin	1.3
AMM	Amcom Telecommunications	1.3
CTD	Corporate Travel Managemen	1.2
CLO	Clough Limited	1.1
FXJ	Fairfax Media Limited	1.1
SDG	Sunland Group Limited	1.0



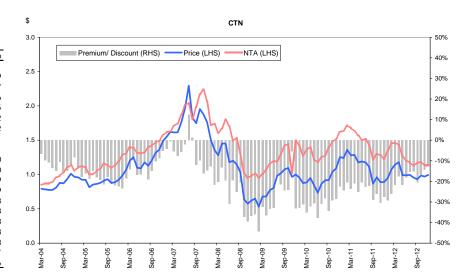
AMCIL

AMH	As at 30 November 2012	
Code	Company	% Portfolio
CBA	Commonwealth Bank of Austr	7.7
OSH	Oil Search	6.1
NAB	National Australia Bank	5.1
ANZ	Australia & New Zealand Banl	5.0
TCL	Transurban Group	5.0
BHP	BHP Billiton	5.0
TOX	Tox Free Solutions	4.7
AIX	Australian Infrastructure Func	4.7
TLS	Telstra Corporation	4.6
WBC	Westpac Banking Corporation	4.4
CCL	Coca-Cola Amatil	3.6
BXB	Brambles	3.5
AMP	AMP	3.1
AMC	Amcor	2.8
ANN	Ansell	2.6
QBE	QBE Insurance Group	2.4
IPL	Incitec Pivot	2.2
ALQ	ALS	2.2
REA	REA Group	2.2
WES	Wesfarmers	2.1



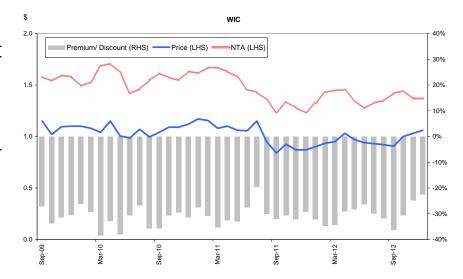
Contango Microcap

Code Company % Portfolio MTU M2 Telecomm. Group Ltd 3.1 MMS McMillan Shakespeare Ltd 2.9 BDR Beadell Resources Ltd 2.7 SLR Silver Lake Resources Ltd 2.6 AUB Austbrokers Holdings Ltd 2.5 TGS Tiger Resources Ltd 2.2 FKL FlexiGroup Ltd 2.2 GEM G8 Education Ltd 2.1 RSG Resolute Mining Ltd 2.1 SGH Slater & Gordon Ltd 2.0 SXY Senex Energy Ltd 2.0 CDD Cardno Ltd 1.9 DLS Drillsearch Energy Ltd 1.8 AHE Automotive Hldgs Group 1.8 ANG Austin Engineering Ltd 1.8 MYX Mayne Pharma Group 1.8 MYK Myne Pharma Group 1.8 WHG WHK Group Ltd 1.7 NHF NIB Holdings Ltd 1.6	CTN	As at 30 November 2012	
MMS McMillan Shakespeare Ltd 2.9 BDR Beadell Resources Ltd 2.7 SLR Silver Lake Resources Ltd 2.6 AUB Austbrokers Holdings Ltd 2.5 TGS Tiger Resources Ltd 2.2 FXL FlexiGroup Ltd 2.1 GEM G8 Education Ltd 2.1 SGH Slater & Gordon Ltd 2.0 SXY Senex Energy Ltd 2.0 SXY Senex Energy Ltd 1.9 TOX Tox Free Solutions Ltd 1.9 DLS Drillsearch Energy Ltd 1.8 AHE Automotive Hldgs Group 1.8 ANG Austin Engineering Ltd 1.8 PIR Papillon Resources Ltd 1.8 MYX Mayne Pharma Group 1.8 WHG WHK Group Ltd 1.7	Code	Company	% Portfolio
BDR Beadell Resources Ltd 2.7 SLR Silver Lake Resources Ltd 2.6 AUB Austbrokers Holdings Ltd 2.5 TGS Tiger Resources Ltd 2.2 FXL FlexiGroup Ltd 2.2 GEM G8 Education Ltd 2.1 RSG Resolute Mining Ltd 2.1 SGH Slater & Gordon Ltd 2.0 SXY Senex Energy Ltd 2.0 CDD Cardno Ltd 1.9 TOX Tox Free Solutions Ltd 1.9 DLS Drillsearch Energy Ltd 1.8 AHE Automotive Hldgs Group 1.8 ANG Austin Engineering Ltd 1.8 PIR Papillon Resources Ltd 1.8 MYX Mayne Pharma Group 1.8 WHG WHK Group Ltd 1.7	MTU	M2 Telecomm. Group Ltd	3.1
SLR Silver Lake Resources Ltd AUB Austbrokers Holdings Ltd 2.5 TGS Tiger Resources Ltd 2.2 FXL FlexiGroup Ltd CSEM G8 Education Ltd 2.1 RSG Resolute Mining Ltd 2.1 SGH Slater & Gordon Ltd 2.0 SXY Senex Energy Ltd 2.0 CDD Cardno Ltd 1.9 TOX Tox Free Solutions Ltd 1.9 DLS Drillsearch Energy Ltd AHE Automotive Hldgs Group ANG Austin Engineering Ltd 1.8 PIR Papillon Resources Ltd 1.8 WYX Mayne Pharma Group 1.8 WHG WHK Group Ltd 1.7	MMS	McMillan Shakespeare Ltd	2.9
AUB Austbrokers Holdings Ltd 2.5 TGS Tiger Resources Ltd 2.2 FXL FlexiGroup Ltd 2.1 RSG Resolute Mining Ltd 2.1 RSG Resolute Mining Ltd 2.1 SGH Slater & Gordon Ltd 2.0 SXY Senex Energy Ltd 2.0 CDD Cardno Ltd 1.9 TOX Tox Free Solutions Ltd 1.9 DLS Drillsearch Energy Ltd 1.8 AHE Automotive Hldgs Group 1.8 ANG Austin Engineering Ltd 1.8 PIR Papillon Resources Ltd 1.8 MYX Mayne Pharma Group 1.8 WHG WHK Group Ltd 1.7	BDR	Beadell Resources Ltd	2.7
TGS Tiger Resources Ltd 2.2 FXL FlexiGroup Ltd 2.2 GEM G8 Education Ltd 2.1 RSG Resolute Mining Ltd 2.1 SGH Slater & Gordon Ltd 2.0 SXY Senex Energy Ltd 2.0 CDD Cardno Ltd 1.9 TOX Tox Free Solutions Ltd 1.9 DLS Drillsearch Energy Ltd 1.8 AHE Automotive Hldgs Group 1.8 ANG Austin Engineering Ltd 1.8 PIR Papillon Resources Ltd 1.8 MYX Mayne Pharma Group 1.8 WHG WHK Group Ltd 1.7	SLR	Silver Lake Resources Ltd	2.6
FXL FlexiGroup Ltd 2.2 GEM G8 Education Ltd 2.1 RSG Resolute Mining Ltd 2.1 SGH Slater & Gordon Ltd 2.0 SXY Senex Energy Ltd 2.0 CDD Cardno Ltd 1.9 TOX Tox Free Solutions Ltd 1.9 DLS Drillsearch Energy Ltd 1.8 AHE Automotive Hldgs Group 1.8 ANG Austin Engineering Ltd 1.8 PIR Papillon Resources Ltd 1.8 MYX Mayne Pharma Group 1.8 WHG WHK Group Ltd 1.7	AUB	Austbrokers Holdings Ltd	2.5
GEM G8 Education Ltd 2.1 RSG Resolute Mining Ltd 2.1 SGH Slater & Gordon Ltd 2.0 SXY Senex Energy Ltd 2.0 CDD Cardno Ltd 1.9 TOX Tox Free Solutions Ltd 1.9 DLS Drillsearch Energy Ltd 1.8 AHE Automotive Hldgs Group 1.8 ANG Austin Engineering Ltd 1.8 PIR Papillon Resources Ltd 1.8 MYX Mayne Pharma Group 1.8 WHG WHK Group Ltd 1.7	TGS	Tiger Resources Ltd	2.2
RSG Resolute Mining Ltd 2.1 SGH Slater & Gordon Ltd 2.0 SXY Senex Energy Ltd 2.0 CDD Cardno Ltd 1.9 TOX Tox Free Solutions Ltd 1.9 DLS Drillsearch Energy Ltd 1.8 AHE Automotive Hldgs Group 1.8 ANG Austin Engineering Ltd 1.8 PIR Papillon Resources Ltd 1.8 MYX Mayne Pharma Group 1.8 WHG WHK Group Ltd 1.7	FXL	FlexiGroup Ltd	2.2
SGH Slater & Gordon Ltd 2.0 SXY Senex Energy Ltd 2.0 CDD Cardno Ltd 1.9 TOX Tox Free Solutions Ltd 1.9 DLS Drillsearch Energy Ltd 1.8 AHE Automotive Hldgs Group 1.8 ANG Austin Engineering Ltd 1.8 PIR Papillon Resources Ltd 1.8 MYX Mayne Pharma Group 1.8 WHG WHK Group Ltd 1.7	GEM	G8 Education Ltd	2.1
SXY Senex Energy Ltd 2.0 CDD Cardno Ltd 1.9 TOX Tox Free Solutions Ltd 1.9 DLS Drillsearch Energy Ltd 1.8 AHE Automotive Hldgs Group 1.8 ANG Austin Engineering Ltd 1.8 PIR Papillon Resources Ltd 1.8 MYX Mayne Pharma Group 1.8 WHG WHK Group Ltd 1.7	RSG	Resolute Mining Ltd	2.1
CDD Cardno Ltd 1.9 TOX Tox Free Solutions Ltd 1.9 DLS Drillsearch Energy Ltd 1.8 AHE Automotive Hldgs Group 1.8 ANG Austin Engineering Ltd 1.8 PIR Papillon Resources Ltd 1.8 MYX Mayne Pharma Group 1.8 WHG WHK Group Ltd 1.7	SGH	Slater & Gordon Ltd	2.0
TOX Tox Free Solutions Ltd 1.9 DLS Drillsearch Energy Ltd 1.8 AHE Automotive Hldgs Group 1.8 ANG Austin Engineering Ltd 1.8 PIR Papillon Resources Ltd 1.8 MYX Mayne Pharma Group 1.8 WHG WHK Group Ltd 1.7	SXY	Senex Energy Ltd	2.0
DLS Drillsearch Energy Ltd 1.8 AHE Automotive Hldgs Group 1.8 ANG Austin Engineering Ltd 1.8 PIR Papillon Resources Ltd 1.8 MYX Mayne Pharma Group 1.8 WHG WHK Group Ltd 1.7	CDD	Cardno Ltd	1.9
AHE Automotive Hldgs Group 1.8 ANG Austin Engineering Ltd 1.8 PIR Papillon Resources Ltd 1.8 MYX Mayne Pharma Group 1.8 WHG WHK Group Ltd 1.7	TOX	Tox Free Solutions Ltd	1.9
ANG Austin Engineering Ltd 1.8 PIR Papillon Resources Ltd 1.8 MYX Mayne Pharma Group 1.8 WHG WHK Group Ltd 1.7	DLS	Drillsearch Energy Ltd	1.8
PIR Papillon Resources Ltd 1.8 MYX Mayne Pharma Group 1.8 WHG WHK Group Ltd 1.7	AHE	Automotive Hldgs Group	1.8
MYX Mayne Pharma Group 1.8 WHG WHK Group Ltd 1.7	ANG	Austin Engineering Ltd	1.8
WHG WHK Group Ltd 1.7	PIR	Papillon Resources Ltd	1.8
	MYX	Mayne Pharma Group	1.8
NHF NIB Holdings Ltd 1.6	WHG	WHK Group Ltd	1.7
	NHF	NIB Holdings Ltd	1.6



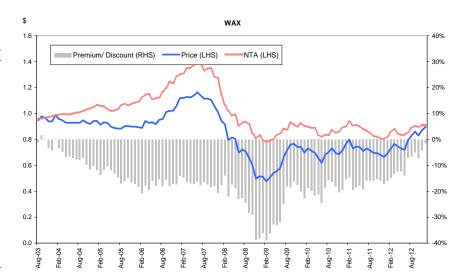
Westoz Inv

WIC	As at 30 November 2012	
Code	Company	% Portfolio
IIN	iiNet Limited	15.0
AHE	Automotive Holdings Group L	12.0
AUT	Aurora Oil & Gas Limited	9.0
TGZ	Teranga Gold Corporation	6.0
RRL	Regis Resources Limited	6.0
NWH	NRW Holdings Limited	6.0
CLO	Clough Limited	5.0
AQA	Aquila Resources Limited	5.0
	OTHER	20.0



WAM Research

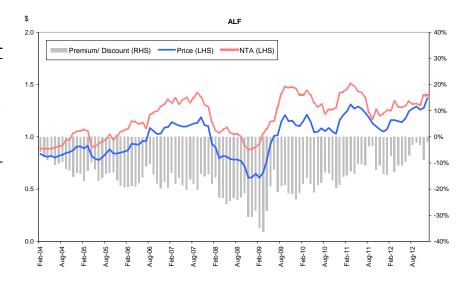
WAX	As at 30 November 2012	
Code	Company	% Portfolio
APE	AP Eagers Limited	6.1
MFG	Magellan Financial Group Lim	3.5
NXT	NEXTDC Limited	3.1
BRG	Breville Group Limited	3.0
AHE	Automotive Holdings Group L	2.9
ALS	Alesco Corporation Limited	2.8
ARP	ARB Corporation Limited	2.8
AMM	Amcom Telecommunication L	2.5
FAN	Fantastic Holdings Limited	2.5
CTD	Corporate Travel Managemen	2.3
RKN	Reckon Limited	2.2
SKE	Skilled Group Limited	1.8
RHG	RHG Limited	1.8
IPP	iProperty Group Limited	1.7
CIW	Clime Investment Manageme	1.6
REA	REA Group Limited	1.4
LCM	Logicamms Limited	1.4
EAX	Energy Action Limited	1.4
GEM	G8 Education Limited	1.4
CCP	Credit Corp Group Limited	1.3



QUANTITATIVE RESEARCH REPORT - PATERSONS SECURITIES LIMITED

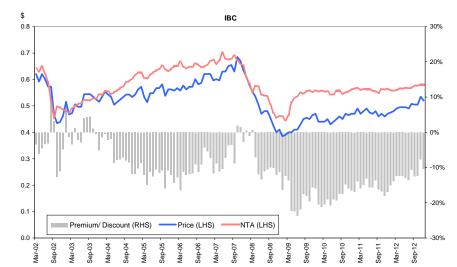
Australian Leaders

ALF	As at 31 October 2012	
Code	Company	% Portfolio
RIO	Rio Tinto Limited	7.1
ANZ	ANZ Banking Grp Ltd	6.5
AGI	Ainsworth Game Tech.	6.3
TLS	Telstra Corporation.	6.1
WES	Wesfarmers Limited	5.0
TTS	Tatts Group Ltd	4.8
WBC	Westpac Banking Corp	4.8
BHP	BHP Billiton Limited	4.4
TCL	Transurban Group	4.3
WPL	Woodside Petroleum	3.3



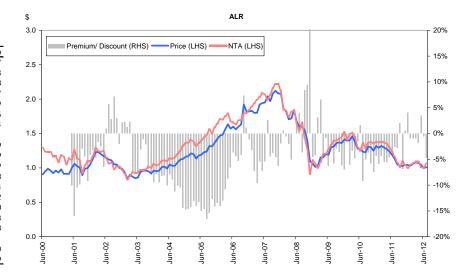
Ironbark Capital

IBC	As at 30 September 2012	
Code	Company	% Portfolio
	BHP	8.0
	Origin Energy Sub Note	5.1
	CBA Perls III	4.7
	ANZ Conv. Pref	4.2
	CBA Conv. Pref	3.8
	NAB Sub Note	3.6
	Caltex Sub Note	2.5
	Westpac Pref Security	2.5
	Westpac Conv. Pref	2.5
	Ramsay Helath Care Pref	2.4
	Duet group	2.4
	IAG Conv. Pref	2.2
	Seven Network Perp Pref	2.2
	Telstra	1.9
	IAG Reset Pref	1.8
	CBA	1.8
	Suncorp Conv. Pref	1.7
	NAB	1.7
	CBA Perls V	1.6
	Woodside Petroleum	1.4



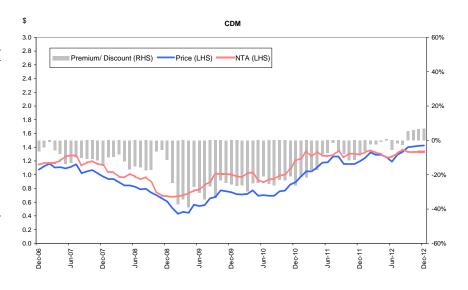
Aberdeen Leaders

ALR	As at 30 November 2012	
Code	Company	% Portfolio
BHP	BHP BILLITON LIMITED	9.7
RIO	RIO TINTO LIMITED	7.3
WOW	WOOLWORTHS LIMITED	6.8
CBA	COMMONWEALTH BANK	6.7
ANZ	ANZ BANKING GROUP	6.9
QBE	QBE INSURANCE	5.5
WDC	WESTFIELD GROUP	4.4
AMP	AMP LIMITED	4.1
SPN	SP AUSNET	3.9
WBC	WESTPAC BANKING CORP	3.9
AGK	AGL ENERGY MERGCO	3.9
ASX	ASX LIMITED	3.8
SGT	SINGAPORE TELECOM	3.4
CPU	COMPUTERSHARE LTD	3.2
CSL	CSL LIMITED	3.0
NCM	NEWCREST MINING	2.8
CCL	COCA COLA AMATIL	2.8
TTS	TATTS GROUP LIMITED	2.1
COH	COCHLEAR LIMITED	2.0
IPL	INCITEC PIVOT LTD	1.9



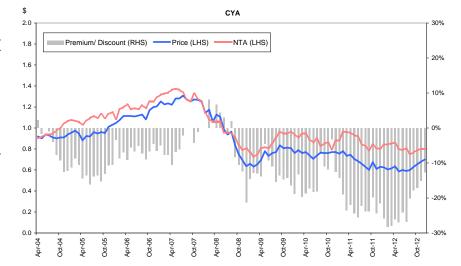
Cadence Capital

CDM	As at 30 November 2012	
Code	Company	% Portfolio
RHG	RHG Ltd	15.9
MMS	McMillan Shakespeare Ltd	5.6
FXL	Flexigroup Ltd	5.1
MQG	Macquarie Group Limited	4.7
BVA	Bravura Solutions Ltd	4.0
ANZ	Australia & New Zealand Banl	3.4
NAB	National Australia Bank Ltd	3.3
RKN	Reckon Ltd	3.2
ARI	Arrium Ltd	2.2
RFG	Retail Food Group	2.1
CTP	Central Petroleum Ltd	2.0
OZL	Oz Minerals Ltd	1.7
MBN	Mirabela Nickel Ltd	1.1
BSL	Bluescope Steel Ltd	1.1
BTU	Bathurst Resources Ltd	1.0
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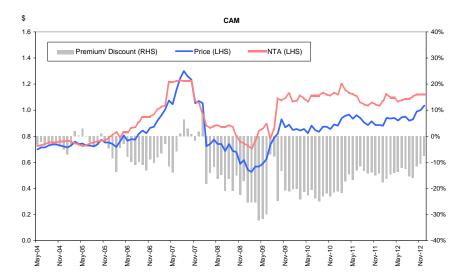
Century Australia

CYA	As at 31 October 2012	
Code	Company	% Portfolio
ANZ	ANZ Banking Group	8.3
CBA	Commonwealth Bank of Austr	7.6
NAB	National Australia Bank	7.4
BHP	BHP Billiton Limited	7.1
TLS	Telstra Limited	6.8
WBC	Westpac Banking Corporation	6.6
WPL	Woodside Petroleum Limited	3.6
RIO	Rio Tinto Limited	3.5
MQG	Macquarie Group Limited	3.1
BXB	Brambles Limited	3.0



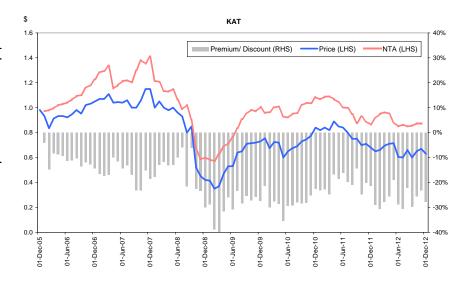
Clime Capital

CAM	As at 30 November 2012	
Code	Company	% Portfolio
BHP	BHP Billiton Limited	7.2
TLS	Telstra Corporation Limited	6.1
MMS	McMillan Shakespeare Limited	5.9
	Multiplex Convertible Note	5.5
ANZ	ANZ Banking Group Limited	5.3
WOW	Woolworths Limited	5.0
WBC	Westpac Banking Corporation	4.9
BKI	Brickworks Limited	4.6
TRS	The Reject Shop Limited	4.4
CBA	Commonwealth Bank of Austr	4.3
MIN	Mineral Resources Limited	3.2
	Australand Convertible Notes	2.7
	Ethane Pipeline Income Fund	2.5
IRE	Iress Market Technology	2.4
SVW	Seven Group Holdings Conver	2.4

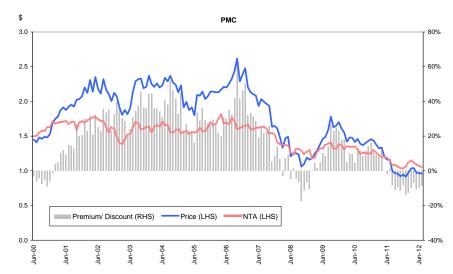


Katana

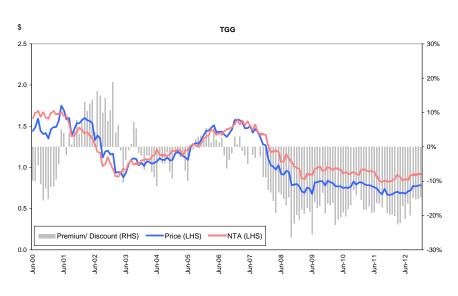
KAT	As at 31 October 2012	
Code	Company	% Portfolio
BHP	BHP Billiton Ltd.	7.5
RIO	Rio Tinto Ltd.	7.4
JBH	JB Hi-Fi Ltd.	6.8
MYX	Mayne Pharma Group Ltd.	6.5
NAB	National Australia Bank Ltd.	6.3
JIN	Jumbo Interactive Ltd.	5.5
TCL	Transurban Group	5.3
TLS	Telstra Corp. Ltd.	5.2
ANZ	Australia & New Zealand Banl	4.3
WPL	Woodside Petroleum Ltd.	4.2



Platinum Capital

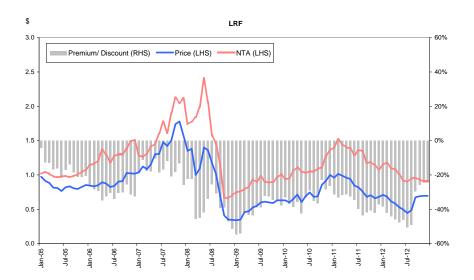


Templeton Global

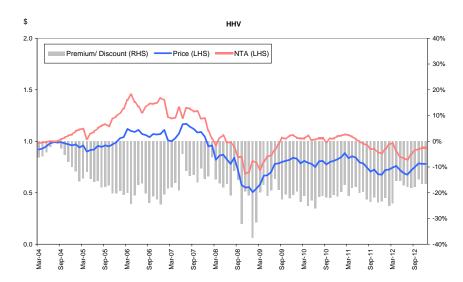


LinQ Resources

NB: NTA is after tax.



Hunter Hall Global





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Research Rob Brierley – Research Management Consultant Andrew Quin – Research Strategy Coordinator Tony Farnham – Economist Metals and Mining Andrew Harrington – Coal Analyst Tim McCormack – Resource Analyst Lisa Moylan – Associate Analyst Simon Tonkin – Senior Resources Analyst Matthew Trivett – Research Analyst	Phone: Phone: Phone: Phone: Phone: Phone: Phone: Phone: Phone:	(+61 8) 9263 1611 (+61 8) 9263 1152 (+61 2) 9258 8973 (+61 2) 8238 6214 (+61 8) 9263 1647 (+61 2) 9258 8960 (+61 8) 9225 2816 (+61 7) 3737 8053	Email: Email: Email: Email: Email: Email: Email:	rbrierley@psl.com.au aquin@psl.com.au tfarnham@psl.com.au aharrington@psl.com.au tmccormack@psl.com.au lmoylan@psl.com.au stonkin@psl.com.au mtrivett@psl.com.au
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