# **BELL POTTER**

Speculative
See key risks on Page 10.
Speculative securities may not be suitable for retail clients

28 July 2017

#### **Analyst**

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#### **Authorisation**

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# **Aeon Metals Limited (AML)**

Site visit: Project transformation underway

#### Recommendation

Buy (unchanged)
Price
\$0.19
Valuation
\$0.29 (previously \$0.21)
Risk

Speculative

#### **GICS Sector**

#### **Materials**

Expected Return	
Capital growth	52.6%
Dividend yield	0.0%
Total expected return	52.6%
Company Data & Ratios	
Enterprise value	\$96.5m
Market cap	\$66.1m
Issued capital	347.8m
Free float	77%
Avg. daily val. (52wk)	\$23,740
12 month price range	\$0.13-\$0.22

Price Performance							
	(1m)	(3m)	(12m)				
Price (A\$)	0.15	0.17	0.14				
Absolute (%)	31.03	11.76	40.74				
Rel market (%)	29.80	12.90	35.78				



SOURCE: IRESS

# Project potential wide open

We recently returned from a site visit to AML's 100%-owned Walford Creek copper-cobalt-zinc project in north-west Queensland where the 2017 drilling program is underway. We had the opportunity to run through the progress of the latest drill program and the evidence surrounding the current thinking on the geological model for the deposit. We were impressed with the progress and hugely encouraged by the upside potential to the current Resource. In our view the project is on the cusp of a game-changing transformation in both scale and scope that may see Walford Creek emerge as the premier cobalt-exposed project on the ASX and a significant base metals project in its own right. In short, with 22km of prospective strike to test and evidence of consistent mineralisation - we haven't seen anything like it for some time.

# High grade results vindicate drill targeting

A step change has been realised in the understanding of the geological model for the Walford Creek deposit. Key structural and lithological controls have been identified and are being confirmed with the latest drilling. On a more detailed level, the grade zonation between high grade copper-cobalt zones and high grade lead-zinc zones is now better understood. This not only further validates the geological model but is helping to refine drill hole targeting, resulting in the high grade intersections AML has been reporting with increasing frequency. We expect this to continue and to contribute to a material Resource upgrade in the coming months.

### Investment thesis – Buy, (Speculative), valuation \$0.29/sh

The latest drilling results continue to be highly encouraging, not only due to the intersection of grades that will almost certainly add to the Resource but, more importantly, are demonstrating the effectiveness of the exploration model. Combined with the weight of evidence from historic drilling across the deposit, the potential upside is beginning to look significant, to say the least. Reflecting this we increase our valuation 39% to \$0.29/sh and retain our Buy (Speculative) recommendation.

Earnings Forecast								
Year end 30 June	2016a	2017e	2018e	2019e				
Sales (A\$m)	-	-	-	59				
EBITDA (A\$m)	(9)	(1)	(2)	25				
NPAT (reported) (A\$m)	(9)	(4)	(5)	5				
NPAT (adjusted) (A\$m)	(9)	(4)	(5)	5				
EPS (adjusted) (¢ps)	(3)	(1)	(1)	1				
EPS growth (%)	na	na	na	na				
PER (x)	(6.1)	(15.2)	(13.1)	13.8				
FCF Yield (%)	-10%	-10%	-92%	-32%				
EV/EBITDA (x)	(10.4)	(96.5)	(55.2)	3.8				
Dividend (¢ps)	-	-	-	-				
Yield (%)	0%	0%	0%	0%				
Franking (%)	0%	0%	0%	0%				
ROE (%)	-29%	-12%	-15%	11%				

SOURCE: BELL POTTER SECURITIES ESTIMATES

# **Project transformation underway**

# Project potential wide open

We recently returned from a site visit to AML's 100%-owned Walford Creek copper-cobalt-zinc project in north-west Queensland where the 2017 drilling program is underway. We had the opportunity to run through the progress of the latest drill program and the evidence surrounding the current thinking on the geological model for the deposit. We were impressed with the progress and hugely encouraged by the upside potential to the current Resource. In our view the project is on the cusp of a game-changing transformation in both scale and scope that may see Walford Creek emerge as the premier cobalt-exposed project on the ASX and a significant base metals project in its own right.

In short, with 22km of prospective strike to test and evidence of consistent structure and mineralisation - we haven't seen anything like it for some time.

The key to this is The Fish River Fault, which runs for 22km across AML's ground, literally sticking out of it as a ridge line for most of the way.



This regional fault is recognised as the key controlling geological structure and conduit for the mineralised fluids which came up from deep within the earth's crust. The fluids have come up the fault, then into contact with the adjacent, flat-lying dolomitic siltstone package (Py3) and the shallower, sub-parallel pyritic siltstone package (Py1).

These iron rich sulphides react very favourably with the mineralised fluids – acting like sponges to suck up the copper and cobalt first and then the other metals in a halo around the copper and cobalt.

Figure 2 - Walford Creek deposit - typical cross-section, looking West WFDD2A0 WF00091 OXIDISED SEDIMENTS 20m @ 4.5% Cu, 0.2% C 0.5% Pb, 0.15% Zn and 35.85gt Ag from 35m 8m @ 0.1% Cu, 0.08% Co 7.3% Pb, 2.3% Zn and 29gt Ag from 41m PYRITIC SILTSTONE 11m @ 0.04% Cu, 0.15% Co, EOH 67.4m 1.7% Pb, 6.22% Zn and PACKAGE 20.4gt Ag from 63m 7m @ 1.08% Cu, 0.16% Co, 0.25% Pb, 0.35% Zn and 20.8gt Ag from 74m 24m @ 2.2% Cu, 0.21% Co, 2.09% Pb, 1.75% Zn and 24.3gt Ag from 41m GREEN 13m @ 0.35% Cu, 0.25% Co SILTSTONE 0.09% Pb, 2.52% Zn and 16.4gt Ag from 73m 19m @ 0.78% Cu, 0.16% Co, 2.17% Pb, 0.91% Zn and 40.6gt Ag from 152m 9m @ 0.01% Cu, 0.05% Co, 1.28% Pb, 2.28% Zn and DOLOMITIC SILTSTONE 43.82gt Ag from 171m PACKAGE 16m @ 2.25% Cu, 0.22% Co 0.44% Pb, 0.55% Zn and 29.82gt Ag from 180m FOOTWALL SEDIMENTS WALFORD DOLOMITE 100 SECTION 213480m East

The cross-section below shows the typical structural set-up of the Walford Creek deposit.

SOURCE: COMPANY DATA

The strike extent of the Fish River Fault is clear, not only from the preceding photo, but historic drilling and mapping of the project. However, there is also strong evidence, from AML's ongoing drilling and other historic drilling on the tenements, of the extensive, flatlying nature of the siltstone packages and that they have seemingly been mineralised in the same way along the strike extent of the fault. This includes hits several kilometres away from the current area of drilling.

In other words, the geological conditions shown in the above cross section are prospective for continuity or repetition for many kilometres of strike. This is particularly so for the lower dolomitic siltstone package, which is unaffected by the weathering processes that have variously affected the shallower pyritic siltstone package.

This model clearly needs to be tested but the upside potential is significant, to say the least.

## High grade results vindicate drill targeting

As described above, a step change has been realised in the understanding of the geological model for the Walford Creek deposit. Key structural controls have been identified and are being confirmed with the latest drilling.

On a more detailed level, the grade zonation between high grade copper-cobalt zones and high grade lead-zinc zones is now better understood. This not only further validates the geological model but is helping to refine drill hole targeting, resulting in the high grade intersections AML has been reporting with increasing frequency. This is evidenced by the fact that the five highest grade copper intersections reported from the 2017 drill program to date have come from the last six holes drilled.

This includes the following results:

- WFDD238: 27m @ 3.13% Cu, 0.25% Co and 0.18% Zn from 126m, including:
   9m @ 6.85% Cu, 0.18% Co, and 0.27% Zn from 135m.
- WFDD236: 16m @ 2.10% Cu, 0.11% Co and 0.86% Zn from 120m, including:
   5m @ 5.12% Cu, 0.14% Co, and 0.86% Zn from 121m.
- WFDD240: **20m** @ **4.45% Cu, 0.20% Co and 0.15% Zn** from 35m;
- WFDD239: 4m @ 2.79% Cu, 0.17% Co and 0.02% Zn from 30m;

# Significant Resource upgrade likely

With the improved understanding of the deposit and refined drill hole targeting we expect the return of high grade results to continue. We therefore also expect the 2017 drill program to contribute to a material Resource upgrade in the coming months. The program has included both infill and extension holes to the current Vardy Resource. As such, we anticipate increases in both the confidence and size of the Resource, allowing both the calculation of Reserves and the extension of mine life.

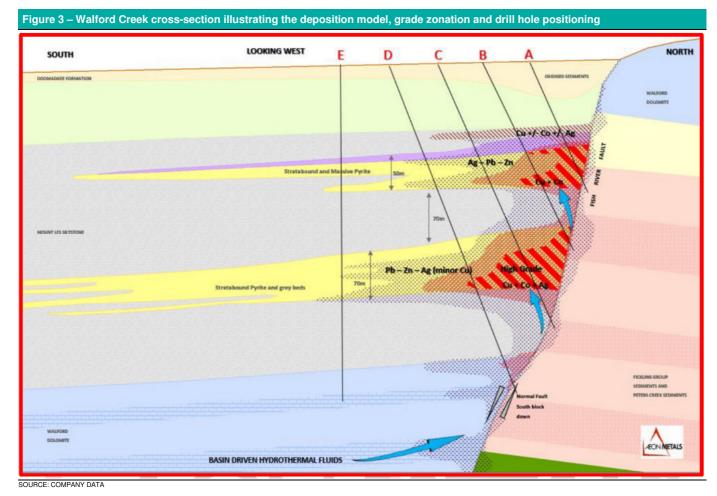
## Geological model – guided by the Zambian Copper Belt

**STOP PRESS:** AML has today formally outlined a revised geological model for the Walford Creek deposit, in line with that discussed above. It describes a depositional model for Walford Creek which draws on similarities between it and the mode of deposition for the world class Zambian Copper Belt, which has been developed over many decades of study.

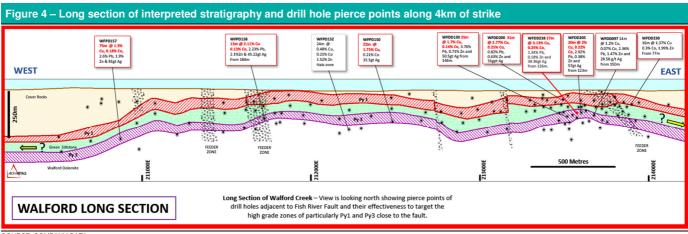
The main points of this are:

- As described in our site visit notes, it refines the understanding of the deposit and is generating stronger drill targets, with a particular focus on grade zonation – as evidenced by the recent high grade results;
- This zonation is also useful in understanding the position of historic holes (which may not have hit high grades) relative to the deposit and thus targeting higher grade mineralisation:
- The sediment hosted nature of the deposit is favourable for continuity and scale;
- The lower siltstone package (Py3), is likely to have the highest and most continuous grades. It will be an increased focus for the remainder of the drill program; and
- AML has for the first time published an interpreted long-section of the Walford Creek deposit, as well as a schematic cross section of the deposition model and drill hole targeting (see overleaf).

The cross-section below illustrates the interpreted mode of deposition for the Walford Creek deposit, showing the Fish River Fault as the main conduit for mineralised hydrothermal fluids and the observed grade zonation of high grade copper-cobalt vs high grade lead-zinc. The diagram also shows the relative positioning of different drilling locations, which can both explain grade variations in the drilling results and also help refine drill hole targeting.



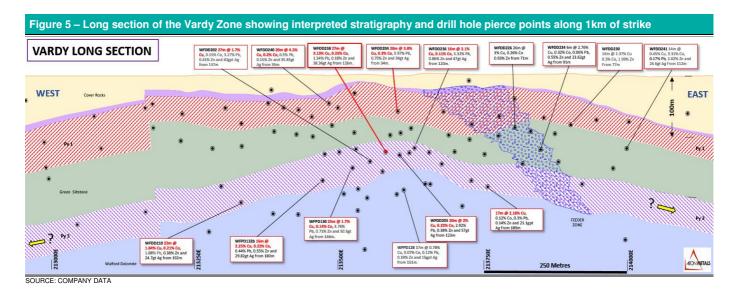
Shown below are the first published long-sections of the Walford Creek deposit. Figure 5 shows the entire 4km strike length of the global Resource at Walford Creek. The main points we takeaway from this are that the stratabound pyritic beds are both continuous and mineralised — providing evidence for the strike extension potential of the high grades intercepted in the Vardy Zone.



SOURCE: COMPANY DATA

Figure 6 below, shows the high grade Vardy Zone (a subset of the global Resource above) and the numerous high grade intersections that have recently been returned due to effective targeting driven by the revised geological model.

The other aspect of this section is that it shows relatively sparse drill hole pierce points in the lower pyrite bed. This indicates to us that the high grades recently drilled have not yet been effectively tested along strike, leaving potential for further extensions and grade and tonnage upside.



In our view this presents a compelling opportunity for further drilling to test the consistency and continuity of the Walford Creek deposit and significantly transform its scale and scope.

#### Recovered value estimation

We have maintained a table of all the reported intercepts from the 2017 drill program to date, in which we have estimated the recoverable value of each intercept. For the purposes of comparison we have left our pricing assumptions unchanged from the start of the program, when we estimated an average recoverable value of A\$140/t. The latest results continue to increase our estimate of the average recovered value, which now stands at A\$155/t.

This measure is not especially scientific but it does provide some quantification of the progress of the exploration program to date. The increasing value, in our view, is reflective of the improved drill targeting.

We can also compare it to both the recovered value per tonne of the Vardy Resource (which is A\$164/t – remembering that this is an average for the Resource tonnage) and the cash operating costs estimated in the Vardy PEA of A\$97/t. The implication of this is that a significant proportion of all the drilling in the current program will contribute to upgrading the current Resource.

Our updated table is shown overleaf in Table 1.

lole ID	Intercept (m)	Grades				1	Recovered va	alue (A\$/t)				
	-	%Cu	% Co	% Pb	% Zn	Ag g/t	Cu	Co	Pb	Zn	Ag	
238	8	6.85%	0.18%	2.79%	0.27%	50.4	\$477	\$63	-	\$7	-	
236	5	5.12%	0.14%	3.63%	0.86%	87.3	\$356	\$49	-	\$21	-	
240	17	4.45%	0.20%	0.50%	0.15%	35.9	\$310	\$70	-	\$4	-	
230	7	2.72%	0.37%	0.80%	1.72%	21.7	\$189	\$130	-	\$43	-	
234	6	2.76%	0.32%	0.06%	0.35%	23.6	\$192	\$113	-	\$9	-	
238	27	3.13%	0.25%	1.34%	0.18%	38.4	\$218	\$88	-	\$4	-	
229	5	1.12%	0.24%	0.34%	5.27%	47.8	\$78	\$85	-	\$131	-	
239	4	2.79%	0.17%	0.07%	0.02%	22.3	\$194	\$60	-	\$0	-	
230	16	1.37%	0.30%	0.53%	1.99%	20.5	\$95	\$106	-	\$50	-	
225	16	0.86%	0.50%	0.53%	0.56%	40.6	\$60	\$176	-	\$14	-	
226	14	1.42%	0.31%	0.25%	0.88%	37.0	\$99	\$109	-	\$22	-	
236	16	2.10%	0.11%	1.31%	0.86%	46.7	\$146	\$39	-	\$21	-	
226	26	1.02%	0.26%	0.15%	0.93%	37.5	\$71	\$92	-	\$23	-	
236	5	0.60%	0.36%	0.14%	0.38%	24.2	\$42	\$127	_	\$9	-	
241	14	0.45%	0.31%	0.17%	1.02%	26.6	\$31	\$109	-	\$25	_	
225	36	0.36%	0.14%	0.30%	3.50%	14.8	\$25	\$49	_	\$87	_	
224	11	0.42%	0.14%	0.79%	3.08%	35.0	\$29	\$49	_	\$77	_	
227	4	0.30%	0.11%	0.41%	3.77%	14.8	\$21	\$39	_	\$94	_	
235	11	0.66%	0.27%	0.06%	0.29%	25.4	\$46	\$95	_	\$7	_	
225	67	0.40%	0.20%	0.32%	1.92%	20.3	\$28	\$70	_	\$48	_	
237	15	0.40%	0.27%	0.42%	0.84%	17.3	\$28	\$95	_	\$21	_	
237	18	0.40%	0.24%	0.42 %	2.20%	1.0	\$1	\$85	_	\$55	_	
234	4	0.69%	0.16%	0.20%	1.14%	14.7	\$48	\$56	_	\$28	_	
239	12	0.03%	0.10%	0.20%	0.75%	20.7	\$22	\$88	-	\$19	-	
234	4	0.32 %	0.23%	10.12%	2.12%	41.1	\$8	\$63	-	\$53	-	
234	2	1.73%	0.16%	0.00%	0.00%	0.0	ъо \$120	φου	-	фЭЭ -	-	
235	8						\$120 \$10	\$32	-		-	
229	26	0.14% 0.44%	0.09% 0.13%	0.15% 0.22%	3.14% 1.47%	10.4 30.2	\$31	\$46	-	\$78 \$37	-	
227	5	0.50%	0.15%	0.15%	0.97%	22.7	\$35	\$53	-	\$24	-	
239	14	0.00%	0.10%	0.24%	2.94%	17.5	-	\$35	-	\$73	-	
231	14	0.54%	0.10%	1.34%	0.92%	20.8	\$38	\$35	-	\$23	-	
230	2	0.01%	0.07%	0.27%	2.70%	15.0	\$1	\$25	-	\$67	-	
231	28	0.35%	0.12%	0.79%	0.92%	21.5	\$24	\$42	-	\$23	-	
231	9	0.05%	0.13%	0.50%	1.50%	9.5	\$3	\$46	-	\$37	-	
230	10	0.08%	0.03%	0.22%	2.48%	17.7	\$6	\$11	-	\$62	-	
226	12	0.01%	0.06%	1.19%	2.21%	25.8	\$1	\$21	-	\$55	-	
224	45	0.40%	0.06%	0.74%	0.95%	28.7	\$28	\$21	-	\$24	-	
228	5	0.12%	0.02%	0.12%	2.29%	28.9	\$8	\$7	-	\$57	-	
233	8	0.39%	0.09%	0.04%	0.39%	5.1	\$27	\$32	-	\$10	-	
235	7	0.69%	0.05%	0.05%	0.04%	7.8	\$48	\$18	-	\$1	-	
241	9	0.05%	0.09%	0.30%	0.91%	13.0	\$3	\$32	-	\$23	-	
237	20	0.40%	0.07%	2.53%	0.17%	19.0	\$28	\$25	-	\$4	-	
238	16	0.03%	0.09%	0.25%	0.87%	10.2	\$2	\$32	-	\$22	-	
232	12	0.40%	0.05%	0.14%	0.34%	19.9	\$28	\$18	-	\$8	-	
228	3	0.43%	0.06%	0.15%	0.05%	23.8	\$30	\$21	-	\$1	-	
233	10	0.03%	0.07%	1.30%	0.94%	37.2	\$2	\$25	-	\$23	-	
232	7	0.16%	0.04%	0.04%	1.00%	4.6	\$11	\$14	-	\$25	-	
238	4	0.50%	0.03%	0.05%	0.03%	9.8	\$35	\$11	-	\$1	-	
239	6	0.02%	0.00%	2.38%	0.01%	33.5	\$1			\$0		
erage	13	0.98%	0.16%	0.79%	1.27%	24.4	\$68	\$55	-	\$32	-	

Price assumptions	US\$/t	US\$/t	US\$/t	US\$/t	US\$/oz
	\$5,700	\$55,000	\$2,150	\$2,600	\$16.50
AUD/USD	0.755				

SOURCE: COMPANY DATA AND BELL POTTER SECURITIES ESTIMATES

## Changes to our valuation

We make changes to our risk adjusted NPV-based valuation for the Walford Creek project, assuming an additional 2 years of production on what we view as likely Resource extension. We point out that this assumes a total Mining Inventory of 5.1Mt, which is still less than the current Vardy Zone Resource. We also increase our notional valuation of the balance of AML's exploration tenements at Walford Creek by 20%, from \$50m to \$60m, given the success of the 2017 drill program and what we view as the hugely increased prospectivity of the Fish River Fault and the increased likelihood of the definition of high grade strike extensions along it. Our near-term earnings outlook remains unchanged, reflecting the ongoing exploration program in-line with our base-case assumptions. Our target price increases 39% to \$0.29/sh and we retain our Buy (Speculative) recommendation, for upside from the current share price of 53%.

## **Upcoming catalysts**

Upcoming catalysts for AML include:

- An ongoing stream of drilling results, which we expect are likely to continue returning high grades;
- Following the completion of the drilling program, AML plans to calculate an updated Resource estimate, which we expect to deliver a material upgrade to the current Resource, likely in the December guarter;
- This will form the basis of a maiden Reserve estimate, likely in early CY18; and
- The completion of a Bankable Feasibility Study to follow, likely in 1HCY18.

# Aeon Metals Ltd (AML)

# **Company description**

AML is a Sydney-based company focused on the exploration and development of its flagship asset, the 100%-owned Walford Creek Copper-Cobalt Project, an advanced exploration stage project located approximately 350km north west of Mt Isa, in Queensland. Since acquiring the project in 2014, AML has completed Resource infill and extension drilling, released updated Mineral Resource estimates, progressed permitting activities and completed a Preliminary Economic Assessment. The global Resource at Walford Creek comprises 73.3Mt at 0.40% Cu, 0.85% Zn and 813ppm Co for 296kt Cu, 623kt Zn and 60kt Co contained. Most recently, efforts have been focussed on a high grade subset of the main Resource, the Vardy Zone, which has a Resource of 6.6Mt at 1.25% Cu, 0.76% Zn and 1,630ppm Co for 82.6kt Cu, 50.2kt Zn and 10.8kt Co contained. We view this as a potential game-changer for AML, offering the potential for small-scale, high grade, copper-cobalt operation in the near term. Further extension of the Vardy Zone and identification of other high grade portions of the existing Resource are compelling opportunities for AML.

# Investment thesis - Buy, (Speculative), valuation \$0.29/sh

The latest drilling results continue to be highly encouraging, not only due to the intersection of grades that will almost certainly add to the Resource but, more importantly, are demonstrating the effectiveness of the exploration model. Combined with the weight of evidence from historic drilling across the deposit the potential upside is beginning to look significant, to say the least. Reflecting this we increase our valuation 39% to \$0.29/sh and retain our Buy (Speculative) recommendation.

#### Valuation – risked discounted cash flow of key project

Our valuation for AML is broadly based on the parameters and assumptions the Vardy Zone PEA, which assumes a Mining Inventory of 3.6Mt @ 1.15% Cu, 1.06% Zn, 26g/t Ag and 1,842ppm (0.18%) Co being mined at a rate of 600ktpa. Over a six year mine-life this is planned to produce a total of 38.2kt copper in concentrate, 28.8kt zinc in concentrate and 3.2kt of cobalt in cobalt hydroxide. In addition to this, our valuation assumes some exploration success, modelling a Mining Inventory of 5.1Mt for a mine life of eight years and higher grades being front-ended in the production profile (as with the PEA).

**NPV premium:** In the case of AML, we have taken the step of applying a premium of 25% to our base-case valuation which in some circumstances we believe is justified. We believe this is the case for AML, due to a number of factors including:

- The scarcity of cobalt-exposed projects, particularly advanced stage projects, on the ASX;
- The buoyant, positive market outlook for cobalt demand; and
- A premium being paid by the market, over and above the valuations of exploration companies advancing more 'mainstream' commodity projects as a result of these factors.

Our valuation also includes a nominal valuation of \$60m for the balance of the exploration portfolio outside the Vardy Zone. Our valuation also assumes a small equity raise (\$7m at \$0.19/sh), which we view as likely within the next 12 months in order to fund the completion of the Bankable Feasibility Study on the Vardy Zone.

# Resource sector risks

Risks to AML include, but are not limited to:

- **Funding and capital management risks.** Funding and capital management risks can include access to debt and equity finance, maintaining covenants on debt finance, managing dividend payments and managing debt repayments. As an exploration company with no sales revenues, AML is reliant on access to equity markets and debt financing to fund the advancement and development of its projects.
- Operating and development risks. Mining companies' assets are subject to risks associated with their operation and development. Risks for each company may relate to geological, mining and metallurgical performance vs design. These can be heightened depending on method of operation (e.g. underground versus open pit mining) or whether it is a single mine company. Construction and development of mining assets may be subject to approvals timelines, receipt of permits, weather events, access to skilled labour and technical personnel, as well as key material inputs and mechanical components which may cause delays to construction, commissioning and commercial production.
- Operating and capital cost fluctuations. Markets for exploration, development and mining inputs can fluctuate widely and cause significant differences between planned and actual operating and capital costs. Key operating costs are linked to energy and labour costs as well as access to, and availability of, technical skills, operating equipment and consumables.
- Commodity price and exchange rate fluctuations. The future earnings and valuations of exploration, development and operating resources companies are subject to fluctuations in underlying commodity prices and foreign currency exchange rates. As most metal prices are denominated in US dollars, their translation into Australian dollars are affected by fluctuations in the value of the Australian dollar. Commodity price and foreign exchange rate outcomes may be different from our forecasts.
- Resource growth and mine life extensions. The viability of future operations and earnings forecasts and valuations reliant upon them may depend upon resource and reserve growth to extend mine lives. Exploration success is dependent upon a wide range of factors and can deliver a wide range of results. Even once Reserves have been calculated, their economic viability remains dependent upon actual commodity prices and inputs to operating costs.
- Regulatory changes risks. Changes to the regulation of infrastructure and taxation (among other things) can impact the earnings and valuation of mining companies. AML's key assets are located in Australia, in the State of Queensland, a politically and socially stable jurisdiction, however changes to business conditions and government policies can and have occurred, with potential for adverse impacts on the economic and social viability of AML's operations.
- Corporate/M&A risks. Risks associated with M&A activity include differences between the entity's and the market's perception of value associated with completed transactions, the actual performance of an acquired asset vs its expected performance as assessed by the acquiror and the timing of an acquisition may all have a material impact on the value attributed by the market to that acquisition.

# Aeon Metals Limited as at 28 July 2017

Recommendation Buy, Speculative
Price \$0.19
Valuation \$0.29

Table 2 - Financial sur	nmary												
PROFIT AND LOSS							FINANCIAL RATIOS						
Year ending June	Unit	2015a	2016a	2017e	2018e	2019e	Year ending June	Unit	2015a	2016a	2017e	2018e	2019e
Revenue	\$m		-	-	-	59.4	VALUATION						
Expense	\$m	(9.3)	(2.6)	(1.0)	(1.8)	(34.2)	NPAT	\$m	(9)	(2)	(4)	(5)	5
EBITDA	\$m	(9.3)	(2.6)	(1.0)	(1.8)	25.2	Reported EPS	c/sh	(3)	(1)	(1)	(1)	1
Depreciation EBIT	\$m \$m	(9.3)	(2.6)	(0.0) (1.0)	(0.0) (1.8)	(8.1) 17.1	EPS growth PER	% X	na -6.1x	na -26.2x	na -15.2x	na -13.1x	na 13.8x
Net interest expense	\$m	0.1	0.2	(2.7)	(2.8)	(11.8)	DPS	c/sh	-0.1x	-20.2x	-13.2	-13.17	10.0x
PBT	\$m	(9.2)	(2.5)	(3.7)	(4.6)	5.3	Franking	%	0%	0%	0%	0%	0%
Tax expense	\$m	1 .				-	Yield	%	0%	0%	0%	0%	0%
NPAT	\$m	(9.2)	(2.5)	(3.7)	(4.6)	5.3	FCF/share	c/sh	(0)	(0)	(0)	(0)	(0)
							P/FCFPS	х	-10.5x	-21.4x	-10.3x	-1.1x	-3.1x
CASH FLOW		0045	2010	2017	0040	2010	EV/EBITDA	Х	-10.4x	-36.7x	-96.5x	-55.2x	3.8x
Year ending June OPERATING CASHFLOW	Unit	2015a	2016a	2017e	2018e	2019e	EBITDA margin EBIT margin	% %	nm nm	nm nm	nm nm	nm nm	42% 29%
Receipts	\$m			0.1		56.4	Return on assets	%	-19%	-5%	-7%	-5%	3%
Payments	\$m	(1.6)	(1.4)	(2.4)	(2.0)	(27.0)	Return on equity	%	-29%	-8%	-12%	-15%	11%
Exploration payments	\$m	1 :	-	0.6	0.6	0.6	LIQUIDITY & LEVERAGE						
Tax	\$m	-	-	-	-	-	Net debt (cash)	\$m	14	17	22	71	66
Net interest	\$m	0.1	0.2	(2.7)	(2.8)	(11.8)	ND / E	%	50%	52%	78%	227%	99%
Other	\$m	0.4	0.5	-	-		ND / (ND + E)	%	33%	34%	44%	69%	50%
Operating cash flow	\$m	(1.1)	(8.0)	(4.3)	(4.1)	18.3	EBITDA / Interest	Х	-	-	-	-	-2.1x
INVESTING CASHFLOW	\$m	(0.0)	(0.0)	(1.2)	(E1 2)	(A1 E)	MINERAL RESOURCES						
Capex Exploration & evaluation	\$m \$m	(4.2)	(2.2)	(1.2)	(51.2)	(41.5)	Walford Creek, QLD		Mt	% Cu	Cu (kt)	ppm Co	Co (kt)
Other	\$m	(0.0)	(0.0)	-	-	-	Total resource		73	0.40%	296	813	60
Investing cash flow FINANCING CASHFLOW	\$m	(4.3)	(2.3)	(1.2)	(51.2)	(41.5)	Measured		- 10	0.460/	- 75	- 014	- 15
Share issues/(buy-backs)	\$m	1.9	3.0		6.7	28.5	Indicated Inferred		16 57	0.46% 0.39%	75 221	914 785	15 45
Debt proceeds/(repayments)	\$m	-	4.8	-	80.0	-	Vardy Zone						
Dividends	\$m		-	-	-	-	Total resource		6.6	0.0	82.6	1,630	10.8
Other Financing cash flow	\$m \$m	1.9	7.8	-	86.7	28.5	Measured Indicated		1.0 2.2	1.14% 1.26%	11.4 27.7	1,700 1,800	1.7 4.0
Change in cash	\$m	(3.4)	4.8	(5.5)	31.3	5.3	Inferred		3.4	1.28%	43.5	1,500	5.1
BALANCE SHEET													
Year ending June	Unit	2015a	2016a	2017e	2018e	2019e	<b>PROJECT ASSUMPTIONS - Vardy</b>	Zone evaluation	on				
ASSETS							Year ending June 30		FY16	FY17	FY18	FY19	FY20
Cash & short term investments Accounts receivable	\$m \$m	1.8 0.1	6.6 0.1	1.2 0.1	32.5	37.8	Currency Copper price	US\$/A\$ US\$/lb	0.73 \$2.22	0.75 \$2.45	0.75 \$2.93	0.75 \$3.06	0.75 \$3.19
Property, plant & equipment	\$m	0.2	0.1	1.3	52.5	85.9	Cobalt	US\$/t	\$35,000	\$55,000	\$55,000	\$55,000	\$55,000
Exploration & evaluation	\$m	43.3	50.1	50.1	50.1	50.1	Zinc	US\$/t	\$0.80	\$1.25	\$1.28	\$1.31	\$1.35
Other	\$m	0.1	0.2	(0.0)	0.0	3.0	CAPEX - development	A\$m	-	-	(49)	(39)	(10)
Total assets	\$m	45.5	57.2	52.7	135.1	176.8	CAPEX - sustaining	A\$m	-	-	(2)	(2)	(2)
LIABILITIES	· •	0.5	0.9	0.2	0.2	6.5	Ore milled	Mt % Cu	-	-	-	0.30 1.25%	0.60 1.25%
Accounts payable Borrowings	\$m \$m	16.2	23.6	23.6	103.6	103.6	Head grade	ppm Co				1,950	1,950
Other	\$m	0.2	0.2	0.2	0.2	0.2	Production	t Cu				3.6	7.1
Total liabilities	\$m	16.8	24.6	23.9	103.9	110.3		t Co	-	-	-	0.293	0.585
SHAREHOLDER'S EQUITY													
Share capital	\$m	45.3	48.4	48.4	55.4	85.4	VALUATION						
Reserves	\$m	5.5	8.8	8.8	8.8	8.8	Ordinary shares (m)						347.8
Retained earnings	\$m	(22.2)	(24.7)	(28.4)	(33.0)	(27.7)	Options in the money (m)						73.0
Total equity Weighted average shares	\$m	28.6	32.5	<b>28.8</b> 297.4	31.2	66.5	Assumed equity raise (m)  Diluted m						36.8 <b>457.7</b>
weighted average shares	m	295.6	339.6	297.4	315.8	384.2	SOTP					\$m	457.7 \$/sh
CAPITAL STRUCTURE							Project (unrisked NPV10)					131	0.38
							Project (risk discount 25%, NPV10)					98	0.28
Shares on issue	m					347.8	Other exploration					60	0.17
Performance shares / other	m					0.0	Corporate overheads					(9)	(0.03)
Total shares on issue	m					347.8	Net cash (debt)					(30)	(0.09)
						0.190	Total (undiluted)					118	0.34
Share price	\$/sh					66.1	Cash from options Assumed equity raise					7 7	0.01
Market capitalisation	\$m					-30.4 <b>96.5</b>	Total (fully diluted)					132	0.02 <b>0.29</b>
Market capitalisation Net cash	\$m \$m												0.23
Market capitalisation Net cash Enterprise value (undiluted)	\$m \$m <b>\$m</b>	(wtd avg ex.	orice \$0.09	ner share)									
Market capitalisation Net cash	\$m \$m <b>\$m</b> m	(wtd avg ex.	price \$0.09	per share)		73.0							
Market capitalisation Net cash Enterprise value (undiluted) Options outstanding (m)	\$m \$m <b>\$m</b>	(wtd avg ex.	price \$0.09 p	per share)									
Market capitalisation Net cash Enterprise value (undiluted) Options outstanding (m) Options (in the money)	\$m \$m <b>\$m</b> m m	(wtd avg ex.	price \$0.09	per share)		73.0 73.0							
Market capitalisation Net cash Enterprise value (undiluted) Options outstanding (m) Options (in the money) Issued shares (diluted for options) Market capitalisation (diluted) Net cash + options	\$m \$m <b>\$m</b> m m m	(wtd avg ex.	price \$0.09	per share)		73.0 73.0 420.8 80.0 -23.6							
Market capitalisation Net cash Enterprise value (undiluted) Options outstanding (m) Options (in the money) Issued shares (diluted for options) Market capitalisation (diluted)	\$m \$m <b>\$m</b> m m m	(wtd avg ex.	price \$0.09 (	per share)	***************************************	73.0 73.0 420.8 80.0							
Market capitalisation Net cash Enterprise value (undiluted) Options outstanding (m) Options (in the money) Issued shares (diluted for options) Market capitalisation (diluted) Net cash + options	\$m \$m <b>\$m</b> m m m	(wtd avg ex.	price \$0.09	per share)		73.0 73.0 420.8 80.0 -23.6							
Market capitalisation Net cash Enterprise value (undiluted) Options outstanding (m) Options in the money) Issued shares (diluted for options) Market capitalisation (diluted) Net cash + options Enterprise value (diluted)	\$m \$m <b>\$m</b> m m m	(wtd avg ex.	price \$0.09 p	per share)	%	73.0 73.0 420.8 80.0 -23.6 103.6							
Market capitalisation Net cash Enterprise value (undiluted) Options outstanding (m) Options (in the money) Issued shares (diluted for options) Market capitalisation (diluted) Net cash + options Enterprise value (diluted)	\$m \$m <b>\$m</b> m m m	(wtd avg ex.	price \$0.09	per share)	22.9%	73.0 73.0 420.8 80.0 -23.6 103.6 m 79.5							
Market capitalisation Net cash Enterprise value (undiluted) Options outstanding (m) Options (in the money) Issued shares (diluted for options) Market capitalisation (diluted) Net cash + options Enterprise value (diluted)  MAJOR SHAREHOLDERS  OCP Holdings Bliss Investments	\$m \$m <b>\$m</b> m m m	(wtd avg ex.	price \$0.09	per share)	22.9% 6.8%	73.0 73.0 420.8 80.0 -23.6 103.6 m 79.5 23.5						-	
Market capitalisation Net cash Enterprise value (undiluted) Options outstanding (m) Options (in the money) Issued shares (diluted for options) Market capitalisation (diluted) Net cash + options Enterprise value (diluted)  MAJOR SHAREHOLDERS  OCP Holdings Bliss Investments Washington H Soul Pattinson	\$m \$m <b>\$m</b> m m m	(wtd avg ex.	price \$0.09	per share)	22.9% 6.8% 6.6%	73.0 73.0 420.8 80.0 -23.6 103.6 m 79.5 23.5 22.9							
Market capitalisation Net cash Enterprise value (undiluted) Options outstanding (m) Options outstanding (m) Options (in the money) Issued shares (diluted for options) Market capitalisation (diluted) Net cash + options Enterprise value (diluted)  MAJOR SHAREHOLDERS  OCP Holdings Biliss Investments Washington H Soul Pattinson John Goody	\$m \$m <b>\$m</b> m m m	(wtd avg ex.	price \$0.09	per share)	22.9% 6.8% 6.6% 5.0%	73.0 73.0 420.8 80.0 -23.6 103.6 m 79.5 23.5 22.9 17.2							
Market capitalisation Net cash Enterprise value (undiluted) Options outstanding (m) Options (in the money) Issued shares (diluted for options) Market capitalisation (diluted) Net cash + options Enterprise value (diluted)  MAJOR SHAREHOLDERS  OCP Holdings Bliss Investments Washington H Soul Pattinson	\$m \$m <b>\$m</b> m m m	(wtd avg ex.	price \$0.09	per share)	22.9% 6.8% 6.6%	73.0 73.0 420.8 80.0 -23.6 103.6 m 79.5 23.5 22.9							

SOURCE: BELL POTTER SECURITIES ESTIMATES

#### **Recommendation structure**

Buy: Expect >15% total return on a 12 month view. For stocks regarded as 'Speculative' a return of >30% is expected.

**Hold:** Expect total return between -5% and 15% on a 12 month view

Sell: Expect <-5% total return on a 12 month view

Speculative Investments are either start-up enterprises with nil or only prospective operations or recently commenced operations with only forecast cash flows, or companies that have commenced operations or have been in operation for some time but have only forecast cash flows and/or a stressed balance sheet.

Such investments may carry an exceptionally high level of capital risk and volatility of returns.

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