

Syndicated Metals (SMD)

22 July 2014

Barbara: Update Resource estimate

75kt contained copper from 4.75Mt at 1.59%, plus 23koz gold and 392koz silver.

Recommendation	
BUY	

High Risk

Price

5.5c

Valuation

10.5c

- SMD has announced a revised Resource estimate for Barbara, of 4.75Mt at 1.59% Cu.
- Within the Indicated Resource there is a distinct zone grading over 2% Cu. This is consistent with our assumed mining inventory of 1,200kt grading 2.0% Cu of open cut material at Barbara.
- There is significant upside potential to our current valuation of 10.5c, possibly to 16c, from the exploration targets announced on 27 June, which are currently being drilled.

Snapshot

Last Price	5.5c
Market Cap	\$15.1 m
Cash on hand (30 March 2014)	\$2.3m
Shares on Issue	274.4m
52 Week High	7.0c
52 Week Low	1.5c
1 month / 6 month VWAP	6.1c / 4.7c

SMD: daily share price v. value traded



SMD has over 5.9Mt of Resources containing 83kt Cu, 27koz gold and over 400koz silver in its 2,469km² tenement package N-E of Mt Isa and N-W of Cloncurry.

SMD has executed a JV agreement with CopperChem, a subsidiary of SOL.ASX, to supply ore to their under-utilised mill at the Great Australian mine near Cloncurry.

SMD is currently undertaking a feasibility study, funded by CopperChem. Beer & Co estimate that it will cost less than \$20m in capital (ie. \$10m for SMD) for SMD to be in production by 2015 Q1.

Author : Pieter Bruinstroop pbruinstroop@beerandco.com.au

Revised Resource estimate

On 18 July, 2014, SMD announced its revised Resource estimate for Barbara.

Compared with the November 2010 Resource estimate, the current estimate has fewer tonnes at higher grades for about the same contained metal content. This means that each tonne of Resource has a higher value.

Under-ground Potential

The Resource estimate shows a high grade, steeply plunging shoot, which is the basis for the potential under-ground mining at Barbara that is the subject of the current drilling programme.

The cut-off between the open pit and the mineralisation to be taken as part of under-ground mining will be determined by an optimisation process.

Beer & Co valuation

Our base case valuation remains 10.5c/share.

This is based on 1.2Mt being mined as an open cut at Barbara, grading 2.0% Cu, plus 400kt by under-ground mining at Barbara grading 2.5% Cu, plus 600kt at 1.6% Cu from open cut satellites and 200kt from under-ground satellites grading 2.5% Cu.

On 27 June, SMD announced exploration targets for Barbara under-ground, of 2.5Mt to 4.0Mt grading between 1.5% and 2.5% copper, plus 0.4Mt to 0.8Mt grading 2.0% to 3.0% Cu at Lillymay.

Beer & Co conclusions

Our valuation was recently revised from 8.5c/share to 10.5c/share.

SMD current drill program is addressing the exploration targets. Changing our estimated mining inventory to these targets would increase our risked valuation to 16c/share.

We affirm our BUY recommendation.

This report was produced by Beer & Co Research, an independent research and advisory firm. It is intended for wholesale investors only. If you do not wish to receive our research, please email to info@beerandco.com.au with "unsubscribe" If you wish to receive, free of charge, Beer & Co research, please register at http://beerandco.com.au/all-research/



Barbara: Upgraded Resource estimate

Barbara revised Resource estimate announced

On 18 July, SMD announced its revised Resource estimate for Barbara, as shown in Figure 1.

Figure 1: SMD's revised Resource estimate for Barbara

		-	g	rades	-		_		
0.5% Cu c/o		copper	gold	silver	cobalt	copper	gold	silver	cobalt
Indicated	3,252 kt	1.71 %	0.15 g/t	2.76 g/t	281 ppm	55.6 kt	15.2 koz	288.5 koz	914 t
Inferred	1,494 kt	1.34 %	0.16 g/t	2.17 g/t	369 ppm	19.9 kt	7.448 koz	104.025 koz	551 t
TOTAL	4,746 kt	1.59 %	0.15 g/t	2.57 g/t	309 ppm	75.5 kt	22.6 koz	392.5 koz	1,464 t

Source: SMD ASX announcement, 18 July 2014

In addition to its resource at Barbara, SMD has, in the vicinity:

- 4.0kt Cu and 1.5kz Au in 177kt of Inferred Resources at Blue Star (100% SMD); and
- 4.0kt Cu and 0.2koz Au of Inferred Resource at Green Zone (50% SMD and 50% CopperChem).

Figure 2 shows SMD's previously reported Resource estimate and the change between the 2 estimates.

Figure 2: SMD's previoous Resource estimate

17 November 2	<u>2011</u>	_	g	rades	-		_		
0.5% Cu c/o		copper	gold	silver	cobalt	copper	gold	silver	cobalt
Indicated	3,778 kt	1.55 %	0.15 g/t	2.70 g/t	270 ppm	58.5 kt	18.6 koz	328.0 koz	1,020 t
Inferred	1,553 kt	1.07 %	0.13 g/t	2.02 g/t	296 ppm	16.6 kt	6.433 koz	100.698 koz	460 t
TOTAL	5,331 kt	1.41 %	0.15 g/t	2.50 g/t	278 ppm	75.2 kt	25.0 koz	428.7 koz	1,480 t
Difference	(11.0%)	12.9 %	1.4 %	2.8 %	11.1 %	0.5 %	(9.7%)	(8.4%)	(1.1%)

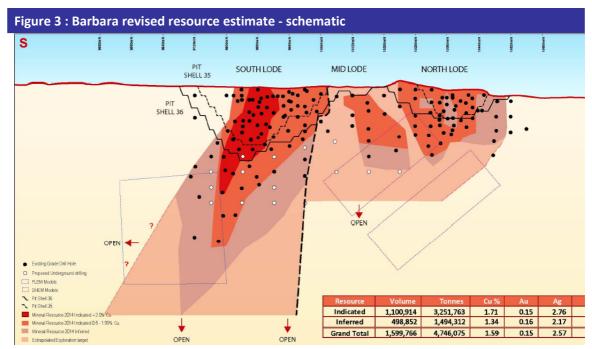
Source : SMD ASX announcements, 17 November 2010, Beer & Co

Figure 2 shows that the updated Resource estimate ahs fewer tonnes at a higher grade for about the same amount of contained metal (the estimated value of contained metal, after allowing for recoveries, is 0.47% higher for the July 2014 Resource estimate).

Figure 3 shows SMD's schematic of the Resource estimate. It shows

- That Barbara has a high grade, steeply plunging, core in the south lode; and
- The high grade core plunges below the current open pit outline, which supports the
 exploration target announced by SMD on 27 June of 2.5Mt to 4.0Mt of underground
 material, grading 1.5% to 2.5% Cu at Barbara.





Source: SMD ASX announcement, 18 July 2014

Valuation Potential

Our previous note on SMD, of 1 July 2014 (see link below) outlined SMD's exploration targets and their potential impact on our valuation.

http://beerandco.com.au/wp-content/uploads/2014/07/SyndicatedMetals 2014July01.pdf

The updated resource supports the open cut mining inventory we have assumed for Barbara and supports the exploration target announced.

SMD is currently conducting a drill programme to upgrade the exploration target into a Resource.

While Beer & Co is not updating its valuation at this time, we see there is significant potential for further upside to our valuation from :

- SMD's announcement of exploration targets for the Barbara under-ground and Lillymay open cut that are significantly larger than we have allowed in our model;
- The potential to treat oxidised material in the CopperChem plant, so that the volume of waste material is significantly lower than we have allowed; and
- Further exploration success.

Also, we have assumed that SMD raises a further \$5min equity, to help fund its share of the development cost of mining operations at Barbara at 3.5c/share. Given the current share price, we expect that this could be done at a higher price.



The increase in mining inventory could increase our valuation from 10.5c to 13.0c/share

Mining Inventory

Our 1 July 2014 note showed that if the mid-point of the exploration targets is used as the mining inventory, then our valuation would be 13.0c/share

Revised Equity Raising

If the \$5.0m further equity required is raised at 5.5c/share, compared with 3.5c/share in our current valuation, then our valuation would rise by nearly 2.0c/share.

Lower waste: ore

We are not changing our base case valuation at this time

We assume a strip ratio of 5.0:1 in our base case analysis. If we assumed 2.5:1, then our valuation rises by a further 1.0c/share.

We expect a revised resource to be announced in the next week or so

Conclusions

At this time, we are not changing our base valuation.

However, we see potential for our risk weighted valuation to rise from 10.5c/share to 16.0c/share.

We retain a BUY, High Risk, recommendation on SMD Successful execution, re-risking the project, would further increase this valuation from 18.0c/share to 22.0c/share.

However, we are still assuming that the long run AUD-USD rate is 0.850, gold \$1350/oz and copper \$3.06/lb, or \$6,750/t.

We retain our base case valuation of 10.5c/share and our BUY, High Risk, recommendation.

Syndicated Metals (SMD)



Beer & Co Res															
Syndicated Metals (SMD.A	ASX)	2013-14	2014-15	2015-16	2016-17	2017-18	Jul 2014 2018-19								
Section 1 - P&L		2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Commodity price assu	mptions						
Sales revenue	\$A m	0	0	11	37	37	37	Year ended June		2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
Interest revenue Other revenue	\$A m \$A m	0	0	0	0	0	0	AUD-USD Copper US\$ /t		1.027 7,713	0.910 6,900		0.855 6,500	0.850 6,750	0.850 6,750
Total Revenue	\$A m	0	0	11	37	37	37	Gold US\$ /oz		1,658	1,281		1,350	1,350	1,350
				(5)	(45)	(47)	(40)	Silver US\$ /oz		30.6	20.5	22.4	22.5	22.5	22.5
Cost of Goods Sold Corporate Costs	\$A m \$A m	0 (1)	0 (1)	(5) (1)	(15) (1)	(17) (1)	(19) (1)	Mine Production							
Royalties	\$A m	0	0	(1)	(2)	(2)	(2)		' 000 t	0	188	600	600	600	413
Exploration Expense	\$A m	(5)	(0)	(1)	(1)	(1)	(1)	Copper grade		2.00 %	2.00 %		1.88 %	1.88 %	2.50 %
Total Operating Expenses	\$A m	(6)	(1)	(7)	(19)	(20)	(22)	copper recovery Gold grade		90 % 0.20g/t	90 % 0.20g/t	90 % 0.20g/t	90 % 0.18g/t	90 % 0.17g/t	90 % 0.18g/t
EBITDA	\$A m	(6)	(1)	4	18	16	15	gold recovery		50 %	50 %	50 %	50 %	50 %	50 %
Dep'cn & Amort's n	\$A m	0	(2)	(6)	(6)	(5)	0	Silver grade		3.0g/t	3.0g/t		2.8g/t	2.7g/t	2.8g/t
EBIT Interest Expense	\$A m \$A m	(6) 0	(3)	(2) (0)	12 (0)	12 0	15 0	silver recovery		50 %	50 %	50 %	50 %	50 %	50 %
Other	\$A m		(=)	(*)	(=)			Attributable production	n						
Pre-Tax Profit	\$A m	(6)	(3)	(2)	12	12	15	Copper '000 t		0	1,688		5,063	5,079	4,641
Tax Expense NPAT	\$A m	0	(1)	(4)	(3) 9	(3) 9	(4)	Gold oz		0	301	965	889 12.716	799	583
Reported NPAT	\$A m \$A m	(6)	(4)	(6)	9	9	10	Silver oz		0	4,522	14,469	13,716	12,811	9,144
								Resources							
Section 2 - Key Data								<u>Barbara</u>		Coppe	er	Gol	d	Silve	er
Ordinary shares - year en Fully diluted shares on is		177.9 177.9	274.4 274.4	417.5 417.5	417.5 417.5	417.5 417.5	417.5 417.5	EPM 15564 & EPM 16112 Indicated	(50% SMD) 3,252	1.7 %	56 kt	0.1g/t	15 koz	2.8g/t	288 koz
Weighted # shares	m	177.9	256.2	417.5	417.5	417.5	417.5	Inferred	1,494	1.3 %	20 kt	0.1g/t 0.2g/t	7 koz	2.2g/t	104 koz
Earnings per Share		(3.6c)	(0.3c)	0.3 c	2.0 c	1.7 c	1.7 c	Blue Star (100% SMD)							
Dividends Per Share		0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	Inferred Green Zone (50% SMD)	177	2.3 %	4 kt	0.3g/t	2 koz		
Section 3 - Balance Shee	et							Inferred	430	0.9 %	4 kt	0.01g/t	0.2 koz		
Cash	\$A m	1	2	3	15	25	37	TOTAL	5,353	1.56 %	83 kt	0.14g/t	24 koz	2.2g/t	393 koz
Receivables	\$A m	0	0	3	5 0	4	5 0	Accumed mining inven	tory						
Other CURRENT ASSETS	\$A m \$A m	1	2	6	20	29	42	Assumed mining inven	itoi y		grades		Co	ntained metal	
	******								_	copper	gold	silver	copper	gold	silver
Receivables	\$A m	0	0	0	0	0	0	Open Cut							
P, P & E Mining Properties / Exploi	\$Am rati\$Am	0 8	0 10	9 11	6 13	2 14	(0) 14	Barbara Satellites	1,200 kt 600 kt	2.0 % 1.6 %	0.2 g/t 0.2 g/t		24.0 kt 9.6 kt	7.7 koz 2.9 koz	116 koz 48 koz
Other	\$A m	0	0	0	0	0	0	Under-ground			8/ -	8/ -			
NON-CURRENT ASSETS	\$A m	9	10	20	18	16	14	Barbara	400 kt	2.5 %	0.2 g/t		10.0 kt	2.6 koz	39 koz
TOTAL ASSETS	\$A m	10	12	26	38	46	56	Satellites	200 kt	2.5 %	0.2 g/t	2.5 g/t	5.0 kt	1.0 koz	16 koz
Payables	\$A m	0	0	1	1	1	2	Asset based Valuation							
Debt	\$A m	0	0	3	1	0	0								
Other	\$A m	0	0	0	0	0	0	discount rate = 12.0 %			4000/	30-Jun-13		22-Jul-14	
CURRENT LIABILITIES	\$A m	0	0	3	1	0	0	Barbara Open Cut		risking 85 %	100% \$ 19m	Product \$ 16m	per share 3.9 c	4.4 c	
Long Term Debt	\$A m	0	0	1	0	0	0	Satellites Open Cut		75 %	\$ 10m	\$ 7m	1.7 c	2.0 c	
Deferred Tax Liability	\$A m	0	0	0	0	0	0	Barbara under-ground		70 %	\$ 7m	\$ 5m	1.1 c	1.3 c	
Other Provisions	\$A m \$A m	0	0	0	0	0	0	Satellites under-ground Blue Star	1	65 % 60 %	\$ 4m \$ 5m	\$ 2m \$ 3m	0.6 c 0.7 c	0.6 c 0.7 c	
NON-CURRENT LIABILITIES	\$A m	0	0	1	0	0	0	Franking credits		60 %	\$ 6m	\$ 4m	0.9 c	1.0 c	
TOTAL LIABILTIES	\$A m	0	0	4	1	0	0	Corporate		100 %	(\$4m)	(\$4m)	(1.1c)	(0.9c)	
NET ASSETS	\$A m	9	12	22	37	46	56	Exploration		100 %	\$ 0m	\$ 0m	0.0 c	0.0 c	
Accumulated Profit (Loss)	SA m	(13)	(14)	(12)	(4)	3	10	Cash / debt Cash to be raised		100 % 100 %	\$ 1m \$ 6m	\$ 1m \$ 6m	0.2 c 1.4 c	0.5 c 1.0 c	
Reserves	\$A m	3	4	29	40	41	44	TOTAL		100 /0	\$ 53m	\$ 40m	9.5 c	10.6 c	
Contributed Equity	\$A m	19	22	5	0	0	0	Shares on issue			177.9m	FPO shares	58.3m	options	
Total Equity	\$A m	9	12	21	36	44	54					Issued 2014	5.0m	e xe rci s e d	
Section 4 - Cashflow								Assumed Cash Costs,	US c/lb		143.1m	Issued 2015			
Net Cashflow from operat	ion\$A m	0	0	6	20	18	16		LoM	2014-15	2015-16	2016-17	2017-18	2018-19	
Interest Paid	\$A m	(0)	0	0	0	0	0	Waste	20	22	25	35	19	0	
Taxes Paid Change in Working Capita	\$A m	0	0 (0)	0 4	0	(2) (0)	(1) 1	Mining Site Admin	27 41	4 47	3 41	5 43	34 43	63 33	
OPERATING CASHFLOW	\$A m	(0)	0	10	23	16	16	Processing	38	49	38	40	40	31	
								Transport	2	2	2	2	2	2	
Exploration Expenditures Maintenace Capex	\$A m \$A m	(3)	(1) 0	(2)	(4) 0	(4) 0	(2) 0	TC/RC net by-product credit	37 (3)	35 (4)	36 (4)	37 (4)	37 (3)	37 (1)	
Expansion Capex	\$A m	0	0	(10)	0	0	0	Royalties	12	12	12	12	12	12	
PPE Acquisitions (Total Cape	x) \$A m	(3)	(1)	(12)	(4)	(4)	(2)	Sustaining Capital	6	0	0	0	15	13	
PPE Divestments	\$A m	0	0	0	0	0	0	TOTAL	174 c/lb	167 c/lb	153 c/lb	170 c/lb	185 c/lb	178 c/lb	
INVESTING CASHFLOW	\$A m	(3)	(1)	(12)	(4)	(4)	(2)	Financial Ratios							
Change in Equity	\$A m	3	3	5	0	0	0	Year ended June		2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Dividends Paid	\$A m	0	0	0	0	0	0	Revenue	\$A m	0	0	11	37	37	37
Change in Debt	\$A m	0	(0)	4	(3)	(1)	(0)	EBITDA	\$A m	(6)	(1)		18	16	15
FINANCING CASHFLOW	\$A m	3	2	9	(3)	(1)	(0)	EBIT NPAT (reported)	\$A m \$A m	(6) (6)	(3)	(2) (6)	12	12 9	15 10
THE STATE OF	\$A m	(3)	(1)	(3)	19	12	14	Adjusted EPS (cps)	yA III	(3.6c)	(4) (0.3c)		2.0 c	1.7 c	1.7 c
Free Cashflow		(0)	1	6	15	11	14	EPS Growth (%)			90 %	196 %	506 %	(14%)	(4%)
	\$A m							DPS (c)		0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c
Free Cashflow Net Cashflow	\$A m												0.07	0.0/	0 %
Free Cashflow Net Cashflow Major Shareholders	\$A m		18 04 %					Dividend Yield (%) PF adi. (x)	v	0 %	0 %	0 % 17	0 %	0%	9
Free Cashflow Net Cashflow	\$A m	51.980m 16.435m	18.94 % 5.99 %					PE adj. (x) EV / EBITDA (x)	x x	(0) (0)	0 % (16) (10)	0 % 17 4	0 % 3 0	0 % 3 (1)	3 (2)
Free Cashflow Net Cashflow Major Shareholders CopperChem Limited	\$A m	51.980m						PE adj. (x) EV / EBITDA (x) EV / EBIT (x)		(0) (0) (0)	(16) (10) (4)	17 4 (8)	3 0 0	3 (1) (1)	(2) (2)
Free Cashflow Net Cashflow Major Shareholders CopperChem Limited Ottomin Group	ŞA m	51.980m 16.435m	5.99 %					PE adj. (x) EV / EBITDA (x) EV / EBIT (x) Gearing (%)	x	(0) (0) (0) 0 %	(16) (10) (4) 0 %	17 4 (8) 16 %	3 0 0 2 %	3 (1) (1) 0 %	(2) (2) 0 %
Free Cashflow Net Cashflow Major Shareholders CopperChem Limited Ottomin Group	ŞA m	51.980m 16.435m	5.99 %					PE adj. (x) EV / EBITDA (x) EV / EBIT (x)	x	(0) (0) (0)	(16) (10) (4)	17 4 (8) 16 % (8%)	3 0 0	3 (1) (1)	(2) (2)
Free Cashflow Net Cashflow Major Shareholders CopperChem Limited Ottomin Group	ŞA m	51.980m 16.435m	5.99 %					PE adj. (x) EV / EBITDA (x) EV / EBIT (x) Gearing (%) Return on Assets	x	(0) (0) (0) 0 % (66%)	(16) (10) (4) 0 % (28%) (34%)	17 4 (8) 16 % (8%)	3 0 0 2 % 32 %	3 (1) (1) 0 % 26 %	(2) (2) 0 % 26 %



Important Information

Confidential

This document is for the confidential use of the recipients only and is not to be reproduced without the authority of Beer & Co Pty Ltd. It has been prepared at the request of Syndicated Metals Limited and Beer & Co Pty Ltd will receive a fee for its preparation.

Disclaimer

The persons involved in or responsible for the preparation and publication of this report believe that the information herein has been obtained from reliable sources and that any estimates, opinions, conclusions or recommendations are reasonably held at the time of compilation. No warranty is made as to the accuracy of the information in this document and, to the maximum extent permitted by law, Beer & Co Pty Ltd and its related entities, their respective directors and officers disclaim all liability for any loss or damage which may be suffered by any recipient through relying on anything contained or omitted from this document.

General Advice

The content is of a general nature and is based on a consideration of the securities alone, and as such is conditional and must not be relied upon without advice from a securities adviser as to the appropriateness to you given your individual investment objectives, financial situation and particular needs. Whilst this document is based on information and assessments that are current at the date of publication, Beer & Co Pty Ltd has not undertaken detailed due diligence on the information provided and has no obligation to provide revised assessments in the event of changed circumstances.

Disclosure

Beer & Co Pty Ltd has been engaged by Syndicated Metals Limited to prepare this research report and is being paid a fee for its preparation. In the future, Beer & Co Pty Ltd may provide capital raising services to Syndicated Metals Limited on commercial terms. Directors of Beer & Co or other associate companies may own securities in Syndicated Metals Limited. Beer & Co Pty Ltd seeks to do work with those companies it researches. As a result, investors should be aware that Beer & Co Pty Ltd may have a conflict of interest that could affect the objectivity of this report.

Analyst Certification

The analyst responsible for this research report certifies that all of the views expressed reflect his personal views about the securities and the issuer.

Report prepared by: Pieter Bruinstroop pbruinstroop@beerandco.com.au

BEER & CO PTY LTD ABN 88 158 837 186.

AUTHORISED REPRESENTATIVE MELBOURNE VENTURE SECURITIES PTY LTD AFSL No. 224 313

Melbourne Office:

Suite 4, Level 2, Bank House 11 - 19 Bank Place,

Melbourne, Vic, Australia 3000

Telephone: (+613) 9600 3599
Facsimile: (+613) 9602 2291
Email: info@beerandco.com.au
Web: www.beerandco.com.au