

Syndicated Metals (SMD) 2 April 2014

# **Barbara: Continuing to look good**

Resource drilling programme completed. Assays in April; updated Resource estimate by June

Recommend	dation	
	BUY	
Price		
	3.3c	
Valuation		
	8.5c	

- Infill drilling to 20m spacing in high grade zone intersected ore within 1m – 2m of anticipated position and width;
- Coarse ore, so expect good metallurgical recoveries;
- Current resource estimate of 5.3Mt, of which 3.8Mt is Indicated is to be upgraded by June;
- Drilling has started on nearby targets associated with historic workings;
- SMD on track to complete feasibility study before year end.

### **Snapshot**

Last Price	3.3c
Market Cap	\$9.1m
Shares on Issue	274.4m
52 Week High	7.3c
52 Week Low	1.5c
1 month / 6 month VWAP	3.70c / 3.223c

### Phase 2 drilling completed

SMD completed Resource upgrade drilling in January 2014, confirming the resource model. This extra programme was for mine design and to enhance the quality of the resource estimate as it focussed on 20m spaced drilling in the high grade zones.

The resource model performed very well as ore zones were intercepted within 1m - 2m of their expected positions and within 1m - 2m of expected true width.

### 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 2,469km<sup>2</sup> 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, including upgrading existing Resources.

Beer & Co estimate that it will cost less than \$20m in capital (ie. \$10m for SMD) for SMD to be in production by 2014 Q4.

**Author**: Pieter Bruinstroop <a href="mailto:pbruinstroop@beerandco.com.au">pbruinstroop@beerandco.com.au</a>

### Assays in April; Resource upgrade in June

Samples have been despatched to the lab and the turn-around is about 4 weeks.

SMD now has the diamond core rig taking samples for metallurgical testing across the differing ore types and grades. Core drilled shows coarse chalcopyrite so good recoveries are expected.

SMD now has the RC rig testing nearby prospects which have historical workings.

### **Next steps**

SMD continues to progress the feasibility study, with assays expected during April and an upgraded resource estimate in June and results of metallurgical testing. The feasibility study is expected before year end.

After publication of the feasibility study, SMD needs to raise finance. Beer & Co expects that the cost to get into production will be less than \$20m, of which SMD has a 50% share.

The low cost is because the ore will be processed through the current plant owned and operated by CopperChem, which is the partner farming in to a 50% share by funding the drilling and the feasibility study.

### **Beer & Co conclusions**

Beer & Co confirms our current valuation, of 8.5c/share, but notes the upside potential from lower costs, extensions of high grade mineralisation at depth as well as the regional potential for SMD.

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# **Barbara: Continuing to look Good**

# Infill drilling campaign

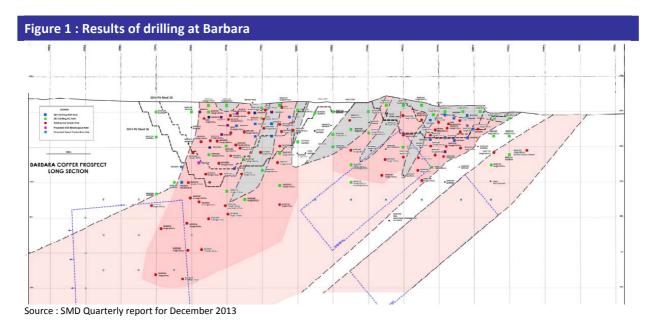
Barbara currently has a JORC resource estimate of 5.3Mt at 1.4% Cu, of which 3.8Mt is Indicated, grading 1.5% Cu and 1.5Mt is Inferred grading 1.1% Cu.

The drill programme that was completed in January 2014 (see BNC note of 16 January 2014) was designed to upgrade the Resource

- By testing extensions along strike, especially the areas within the existing pit shell design that currently are interpreted as being barren;
- By testing extensions at depth; and
- With infill drilling to upgrade the estimate to facilitate the commencement of ore extraction by the end of 2014.

The recently competed drill programme completed in March was undertaken on 20m spaced in-fill drill lines to ensure continuity of the high grade material, which should yield a Measured Resource and be used in mine planning.

Figure 1 shows that the current pit design is strongly focussed on high grade areas.



## **Samples for Met Testwork**

The drill programmes utilised a diamond core rig, which is now doing further drilling to ensure appropriate metallurgical samples have been used; ie. differing ore grades, copper ore species and weathering.

Figure 2a and 2b show core that has been recovered from the drilling program.



Figure 2a shows coarse grained chalcopyrite associated with quartz veining and pyrite alteration. The coarse grain indicates that good metallurgical recovery should be expected.

Figure 2a : Drill core from SMD's Barbara project.

Source: SMD ASX announcement, 25 March 2014

Figure 2b is a typical example of hanging-wall style high-grade copper mineralisation.



Source : SMD ASX announcement, 25 March 2014

Figure 2b shows sawn HQ drill core showing coarse grained chalcopyrite associated with quartz veining and silica-pyrite alteration. Note the matrix style fine grained copper mineralisation over printed by coarse grained chalcopyrite.



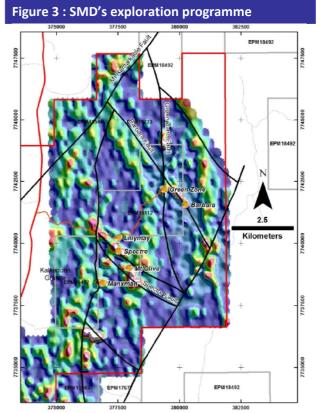
# **Exploration Drilling**

SMD has now started RC drilling on the Lilly May, Spectre, Mt Olive and Manxman areas.

Figure 3 shows these targets, all of which are near Barbara and each of which shows historical surface workings

Figure 3 shows that these areas are targets identified as soil geochemical targets.

The drilling is also guided by coincident electro-magnetic targets and will be followed up with downhole geophysical surveys to search for additional targets.



Source: SMD ASX announcement, 25 March 2014

Beer & Co confirms our current valuation of 8.5c/share.

Beer & Co expects that we will upgrade our valuation when SMD publish information on their final project scope, before ore extraction commences before the end of 2014.

Beer & Co confirms our BUY recommendation.

# **Conclusions**

SMD has now completed Phase 2 of their programme to upgrade the Resource estimate for Barbara. The assays for this work have are expected to be received during April and an upgraded Resource estimate is expected by June.

In the view of Beer & Co, this work is likely to result in

- an increase in the size of the mining inventory; and
- a reduction in costs as more ore has been identified nearer to the surface, and also in some areas previously not included.

Beer & Co expects that we will increase our current valuation, of 8.5c/share, when SMD makes the appropriate announcement, which we do not expect before mid year.

Beer & Co also believes that SMD has further value in its nearby exploration targets.

We confirm our BUY recommendation on SMD.

# **Syndicated Metals (SMD)**



Beer & Co Rese Syndicated Metals (SMD.A															
Year ended June Section 1 - P&L		2013	2014	2015	2016	2017	2018	Commodity price ass	umptions						
Sales revenue	\$A m	0	0	13	36	23	0	Year ended June	a.nptions	2013	2014	2015	2016	2017	2018
Interest revenue	\$Am	0	0	0	0	0	0	AUD-USD		1.027	0.910	0.890	0.855	0.850	0.850
Other revenue Total Revenue	\$Am \$Am	0	0	13	0 36	23	0	Copper US\$ /t Gold US\$ /o:		7,713 1,658	6,900 1,281	6,600 1,338	6,500 1,350	6,750 1,350	6,750 1,350
	Ç							Silver US\$/o		30.6	20.5	22.4	22.5	22.5	22.5
Cost of Goods Sold Corporate Costs	\$Am \$Am	0 (1)	0 (1)	6 (1)	15 (1)	10 (1)	0 (1)	Mine Production							
Royalties	\$Am	0	0	(1)	(2)	(1)	0	Ore processed	' 000 t	0	225	600	375	0	0
Exploration Expense	\$A m	(5)	(0)	(1)	(1)	(1)	0	Copper grade		1.90 %	1.90 %	1.90 %	1.90 %	0.00 %	0.00 %
Other Operating Expenses Total Operating Expenses	\$Am \$Am	(6)	(1)	0.0 4	0.0	0.0 8	(1)	copper recovery Gold grade		90 % 0.20g/t	90 % 0.20g/t	90 % 0.20g/t	90 % 0.20g/t	90 % 0.00g/t	90 % 0.00g/t
Total Operating Expenses	Ç.		(2)					gold recovery		50 %	50 %	50 %	50 %	50 %	50 %
EBITDA Dep'cn & Amort'sn	\$Am \$Am	(6.4) 0.0	(1.4)	16.6 (9.2)	47.0 (5.8)	31.2 0.0	(0.8) 0.0	Silver grade silver recovery		3.0g/t 50 %	3.0g/t 50 %	3.0g/t 50 %	3.0g/t 50 %	0.0g/t 50 %	0.0g/t 50 %
EBIT	\$Am	(6.4)	(4.8)	7.4	41.3	31.2	(0.8)	Silver recovery		50 %	50 %	50 %	50 %	50 %	50 %
Interest Expense	\$A m	0.0	(0.1)	(0.3)	(0.0)	0.0	0.0	Attributable production	on						
Other Pre-Tax Profit	\$Am \$Am	(6.4)	(4.9)	7.1	41.2	31.2	(0.8)	Copper '000 t Gold oz		0	1,924 362	5,130 965	3,206 603	0	0
Tax Expense	\$Am	0.4	(0.4)	(2.2)	(1.3)	0.2	0.0	Silver oz		0	5,426	14,469	9,043	0	0
NPAT	\$Am	(6.0)	(5.3)	4.8	39.9	31.4	(0.8)								
Reported NPAT	\$A m	(6.0)	(5.3)	4.8	39.9	31.4	(0.8)	Resources		Copi		Gol		Silv	
Section 2 - Key Data								Barbara EPM 15564 & EPM 1611:	2 (50% SMD)	COD	per	<u> </u>	<u> </u>	Silv	<u>er</u>
Ordinary shares - year end	m	177.9	274.4	417.5	417.5	417.5	417.5	Indicated	3,778	1.5 %	59 kt	0.2g/t	19 koz	2.7g/t	328 koz
Fully diluted shares on issue Weighted #shares	m m	177.9 177.9	274.4 256.2	417.5 417.5	417.5 417.5	417.5 417.5	417.5 417.5	Inferred Blue Star (100% SMD)	1,553	1.1 %	17 kt	0.1g/t	6 koz	2.0g/t	101 koz
Weighted #shares Earnings per Share		(3.6c)	(0.3c)	417.5 0.2 c	417.5 1.2 c	417.5 0.8 c	417.5 (0.1c)	Inferred	177	2.3 %	4 kt	0.3g/t	2 koz		
Dividends Per Share		0.0 c	Green Zone (50% SMD)												
Section 3 - Balance Sheet								Inferred TOTAL	430 5,938	0.9 % 1.40 %	4 kt 83 kt	0.01g/t 0.14g/t	0.2 koz 27 koz	2.2g/t	429 koz
Cash	\$A m	1	6	4	14	21	20	•							
Receivables	\$A m	0	0	3	4	1	0	Assumed mining inve	entory						
Other CURRENT ASSETS	\$Am \$Am	1	6	7	0 19	22	20			copper	grades gold	silver	copper	ntained meta gold	silver
CORRENT ASSETS	ŞAIII	1		,	19	22	20	Base C ase	1,200 kt	1.9 %	0.2 g/t	3.0 g/t	22.8 kt	7.7 koz	116 koz
Receivables	\$A m	0	0	0	0	0	0	Extension	600 kt	1.6 %	0.2 g/t	2.5 g/t	9.6 kt	2.9 koz	48 koz
P, P & E Mining Properties / Exploratio	\$A m	0 8	0 10	8 11	3 10	0 10	0 10	Asset based Valuation	n						
Other	\$Am	0	0	0	0	0	0	Abbet Babea Valuation							
NON-CURRENT ASSETS	\$A m	9	10	19	14	10	10	discount rate = 12.0 %		_		30-Jun-13		02-Apr-14	
TOTAL ASSETS	\$A m	10	16	26	32	32	30	-		risking	100%		pershare		
Payables	\$A m	0	0	1	1	0	0	Barbara extension		85 % 75 %	\$ 18m \$ 12m	\$ 15m \$ 9m	3.6 c 2.1 c	4.0 c 2.3 c	
Debt	\$A m	0	0	3	1	0	0	Blue Star		50 %	\$ 8m	\$ 4m	1.0 c	1.0 c	
Other CURRENT LIABILITIES	\$A m	0	0	3	0	0	0	Franking credits		60 % 100 %	\$ 2m	\$ 1m	0.3 c	0.3 c	
CORRENT LIABILITIES	\$A m	U	U	3	1	U	U	Corporate Exploration		100 %	(\$3m) \$ 0m	(\$3m) \$ 0m	(0.8c) 0.0 c	(0.7c) 0.0 c	
Long Term Debt	\$A m	0	0	1	0	0	0	Cash / debt		100 %	\$ 1m	\$ 1m	0.2 c	1.2 c	
Deferred Tax Liability	\$Am	0	0	0	0	0	0	Cash to be raised TOTAL		100 %	\$ 6m	\$ 6m	1.6 c	0.4 c	
Other Provisions	\$Am \$Am	0	0	0	0	0	0	Shares on issue			\$ 43m 274.4m	\$ 33m FPO shares	7.9 c	8.5 c options	
NON-CURRENT LIA BILITIES	\$A m	0	0	1	0	0	0				143.1m	Issued		exercised	
TOTAL LIABILTIES	\$A m	0	0	4	1	0	0	Assumed Cash Costs	LIC o/lb						
NET ASSETS	\$A m	9	16	22	32	32	30	Assumed Cash Costs	, 00 GID	LoM	2014	2015	2016	2017	2018
Accumulated Profit (Loss)	\$A m	(13)	(14)	(13)	(7)	(4)	(5)	Waste		28	23	26	34	0	0
Reserves	\$A m	3	3	33	38	36	35	Mining		8	8	8	8	0	0
Contributed Equity	\$Am \$Am	19 9	27 16	0 21	30	0 32	30	Site Admin Processing		39 42	42 47	38 40	39 43	0	0
Minority Interest	\$Am	0	0	0	0	0	0	Transport		2	2	2	2	0	0
Total Equity	\$Am	9	16	21	30	32	30	TC/RC		36	35	36	37	0	0
								net by-product credit		(5)	(5)	(5)	(5)	0	0
Section 4 - Cashflow  Net Cashflow from operations	SAm	0.0	0.0	6.6	18.9	11.8	0.0	Royalties TOTAL	-	12 162 c/lb	12 164 c/lb	12 157 c/lb	12 170 c/lb	0 0 c/lb	0 c/lb
Hedging	\$Am	0.0	0.0	0.0	0.0	0.0	0.0	IOIAL		102 (/10	104 (/10	137 (/10	1,00,10	0 (/10	0 0,10
Interest Paid	\$A m	(0.1)	0.1	0.3	0.0	0.0	0.0	Financial Ratios							
Taxes Paid Change in Working Capital	\$Am \$Am	0.0	0.0 (0.1)	0.0 4.1	0.0 1.5	(0.9)	(0.1)	Year ended June Revenue	54 m	<b>2013</b> 0.1	<b>2014</b> 0.0	<b>2015</b> 13.0	<b>2016</b> 35.6	2017 23.3	<b>2018</b> 0.0
Change in Working Capital Other	\$Am	U.U	(0.1)	4.1	1.5	(4.1)	(1.5)	EBITDA	\$Am \$Am	(6.4)	(1.4)	13.0 16.6	47.0	23.3 31.2	(0.8)
OPERATING CASHFLOW	\$A m	(0.1)	0.0	11.0	20.5	6.8	(1.6)	EBIT	\$A m	(6.4)	(4.8)	7.4	41.3	31.2	(0.8)
Fundamention Fundament	CA	(2.0)	(1.4)	(2.4)	(4.0)	(2.0)	0.0	NPAT (reported)	\$A m	(6.0)	(5.3)	4.8	39.9	31.4	(0.8)
Exploration Expenditures Maintenace Capex	\$Am \$Am	(2.9) 0.0	(1.4) 0.0	(2.4) 0.0	(4.0) 0.0	(2.0) 0.0	0.0	Adjusted EPS (cps) EPS Growth (%)		(3.6c)	(0.3c) 90 %	0.2 c 168 %	1.2 c 426 %	0.8 c (40%)	(0.1c) (117%)
Expansion Capex	\$A m	0.0	0.0	(10.0)	0.0	0.0	0.0	DPS (c)		0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c
PPE Acquisitions (Total Capex)	\$Am	(2.9)	(1.4)	(12.4)	(4.0)	(2.0)	0.0	Dividend Yield (%) PE adj. (x)		0 %	0 %	0 %	0 %	0 %	0 %
PPE Divestments INVESTING CASHFLOW	\$Am \$Am	(2.9)	(1.4)	(12.4)	(4.0)	(2.0)	0.0	PE adj. (x) EV / EBITDA (x)	x x	(0.5) (0.4)	(9.5) (2.1)	13.9 0.6	2.6 (0.1)	4.4 (0.4)	(26.2) 15.1
	÷	(2.5)	11	(-2.4)	( ).0/	,0)		EV / EBIT (x)	x	(0.4)	(0.6)	1.3	(0.1)	(0.4)	15.1
Change in Equity	\$A m	2.7	7.3	0.0	0.0	0.0	0.0	Gearing (%)		0 %	0 %	16 %	2 %	0 %	0 %
Dividends Paid Change in Debt	\$Am \$Am	0.0	0.0 (0.0)	0.0 4.2	0.0 (3.4)	0.0 (0.8)	0.0 (0.0)	Return on Assets Return on Equity		(67%) (65%)	(30%)	29 % 23 %	128 % 131 %	96 % 98 %	(2%) (2%)
Other	yes III							EBITDA Margin (%)		(53%)	n/a	n/a	128 %	132 %	134 %
FINANCING CASHFLOW	\$Am	2.7	7.2	4.2	(3.4)	(0.8)	(0.0)	Interest Cover (x)	х	(9.4)	n/a	(42.6)	24.4	n/a	n/a
Free Cashflow	\$A m	(3.0)	(1.4)	(1.4)	16.5	4.8	(1.6)								
Net Cashflow	\$Am	(0.3)	5.9	2.8	13.1	4.0	(1.6)								



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Report prepared by: Pieter Bruinstroop <a href="mailto:pbruinstroop@beerandco.com.au">pbruinstroop@beerandco.com.au</a>

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