

14 May 2012

FURTHER STRONG RESULTS FROM JAMBREIRO IN-FILL DRILLING AHEAD OF RESOURCE UPGRADE

UPDATED RESOURCE DUE LATE MAY; GEOTECHNICAL RIG ONSITE; FEASIBILITY STUDY PROGRESSING WELL

International iron ore company Centaurus Metals Limited (ASX Code: **CTM**) is pleased to report further positive results from the final batch of assays from the recently completed RC in-fill drilling campaign at its flagship Jambreiro Iron Ore Project in Brazil, with results continuing to support the quality and consistency of mineralisation to underpin the imminent JORC Resource upgrade.

The current in-fill program has strengthened the Company's confidence in the resource inventory at Jambreiro and will lead to an upgrade of the resource (mainly in JORC classification) by the end of May.

This new resource will form the basis of the ongoing Bankable Feasibility Study (BFS) and marks another important milestone on the road to production before the end of 2013.

Highlights of the recent results from the Jambreiro Project (*Figure 1*) include the following continuous intervals (*see attached Appendix A for a full list of recent drilling intersections*):

- 62.0m @ 31.8% Fe, 3.4% Al₂O₃ and 0.03% P from 37.0 metres in Hole JBR-RC-12-0157
- 45.0m @ 29.4% Fe, 3.4% Al₂O₃ and 0.04% P from 83.0 metres in Hole JBR-RC-12-0155
- 26.0m @ 28.5% Fe, 3.5% Al₂O₃ and 0.04% P from 43.0 metres in Hole JBR-RC-12-0141
- 24.0m @ 47.1% Fe, 2.5% Al₂O₃ and 0.03% P from surface in Hole JBR-RC-12-0144
- 24.0m @ 32.0% Fe, 2.6% Al₂O₃ and 0.04% P from 19.0 metres in Hole JBR-RC-12-0153

Recently completed pilot plant testwork has shown that the friable itabirite ore, with a head grade consistent with the overall resource base, can be upgraded to a 65.6% Fe product with low impurities (2.8% SiO₂ and 0.01% P) using a simple magnetic separation process.

The in-fill drilling program focussed on the mineralisation which will support the first four years of production at Jambreiro from the Tigre and Cruzeiro Deposits. Some of the final results came from the southern extension of the Tigre Deposit, where higher grade friable mineralisation from surface has been identified.

This has been clearly demonstrated in drill hole JBR-RC-12-0144, which returned **24.0 metres** @ **47.1% Fe**. This southern zone of the Tigre deposit continues to present the best start-up option for mining, with higher ore grades occurring at or near surface with very favourable strip ratios.

The drill program was rounded off with some near-mine exploration drilling targeting a previously undrilled anomaly between the Tigre and Cruzeiro deposits (*see Figure 1*). Results from this exploration drilling have confirmed an extension of the itabirite mineralisation seen in both deposits, with drilling in these areas intersecting significant widths of mineralisation up to 24 metres.

New results in this zone between the two deposits are highlighted by the continuous intervals in drill holes JBR-RC-12-0153 (**24.0m at 32.0% Fe**) and JBR-RC-12-0152 (**12.0m at 29.2% Fe**). These results reinforce the potential future upside from ongoing exploration activity at Jambreiro.

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Resource and BFS Update

Centaurus is well advanced in the data validation and geological interpretation of the drill results, with a new JORC Resource estimate scheduled to be completed by the end of May. The new results should convert most of the mineralisation earmarked for the first four years of production into JORC Measured Resources.

Following the successful initial pilot plant program referred to above, a significantly larger sample of Jambreiro ore is now being prepared for an extended pilot plant testwork program. The sample preparation on the first 10-tonne batch has been completed and is currently being processed at the pilot plant at Fundação Gorceix in Ouro Preto.

BNA Micromine do Brasil Consultoria Ltda has been engaged to carry out the Resource, Reserve and Mining work for the BFS. BNA Micromine is the Brazilian branch of the international Micromine services and software group. The local team has Competent Persons for both JORC Resources and Reserves and access to highly experienced local mining professionals familiar with iron ore projects of a similar size.

A diamond rig is currently on site undertaking a geotechnical drill program. This work is being supervised by Centaurus and engineering consultants WALM Engenharia e Tecnologia Ambiental Ltda, who will provide input into the BFS on geotechnical, water and waste management matters.

WALM is a Brazilian-based engineering group with extensive experience in engineering, design and execution studies of several mines in the Iron Quadrangle region of Brazil that have similar characteristics to the Jambreiro Project.

Centaurus' Managing Director, Mr Darren Gordon, said the latest results continue to impress and show the consistency of widths and grade of mineralisation at Jambreiro, underpinning a solid resource inventory to support the Project's development.

"It's great to see all the final assays delivered in a timely fashion so that the resource upgrade work can be completed before the end of May. We have now completed over 14,000 metres of drilling at Jambreiro which provides great confidence in the Resource base as a platform for completion of the BFS," Mr Gordon said.

-ENDS-

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Competent Person's Statement

The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by Roger Fitzhardinge who is a Member of the Australasia Institute of Mining and Metallurgy and Volodymyr Myadzel who is a Member of Australian Institute of Geoscientists. Roger Fitzhardinge is a permanent employee of Centaurus Metals Limited and Volodymyr Myadzel is the Senior Resource Geologist of BNA Consultoria e Sistemas Limited, independent resource consultants engaged by Centaurus Metals.

Roger Fitzhardinge and Volodymyr Myadzel have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserve'. Roger Fitzhardinge and Volodymyr Myadzel consent to the inclusion in the report of the matters based on their information in the form and context in which it appears.

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Figure 1 – Jambreiro Prospect Map with Recent Results

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Appendix A – Jambreiro Iron Ore Project - New RC Hole Results – May 2012

DOWN-HOLE INTERSECTIONS - JAMBREIRO - RC													
Hole ID	SAD East	SAD North	mRL	Dip	Azi	Final Depth(m)	From (m)	To (m)	Downhole width (m)	Fe%	SiO ₂ %	Al ₂ O ₃ %	
JBR-RC-12-000139							38.00	56.00	18.00	32.81	50.88	1.81	
JBR-RC-12-000139	723014	7944354	973	-60	65	72	Downhole	composite	18.00	32.81	50.88	1.81	1
JBR-RC-12-000141							0.00	8.00	8.00	29.93	45.72	6.80	
JBR-RC-12-000141							43.00	69.00	26.00	29.93	45.72	3.50	
										23.88	44.20	3.50	
JBR-RC-12-000141 JBR-RC-12-000141	722693	7944412	935	-60	60	109	71.00 Downhole	95.00	24.00 58.00	23.00 26.79	47.71	3.24	
JDI(-I(C-12-000141	122033	7344412	333	-00	00	103	Downinole	composite	38.00	20.75	43.00	3.05	
JBR-RC-12-000142													
JBR-RC-12-000142	722870	7944419	990	-80	65	50		NO S	IGNIFICANT INT	ERSECTIO	ON		
JBR-RC-12-000143							90.00	93.00	3.00	25.17	61.99	2.07	
JBR-RC-12-000143							101.00	116.00	15.00	29.04	48.86	2.53	
JBR-RC-12-000143	722948	7944324	1005	-60	65	130	Downhole	composite	18.00	28.39	51.05	2.45	
JBR-RC-12-000144							0.00	24.00	24.00	47.13	28.34	2.52	
JBR-RC-12-000144	1		l l				24.00	31.00	7.00	20.63	52.13	13.25	
JBR-RC-12-000144 JBR-RC-12-000144	722881	7944293	992	-60	65	154	114.00 Downhole	135.00	21.00 52.00	28.66 36.10	47.82 39.41	1.34 3.49	
001110-12-000144	122001	1344233	352	-00	05	134	Downitole	composite	32.00	30.10	33.41	3.49	
JBR-RC-12-000145	1						32.00	36.00	4.00	28.50	49.55	6.12	
JBR-RC-12-000145	1		l l				40.00	45.00	5.00	23.79	56.51	5.23	
JBR-RC-12-000145	1		l l				82.00	90.00	8.00	20.36	57.34	6.56	
JBR-RC-12-000145	1						109.00	135.00	26.00	25.36	50.39	1.70	
JBR-RC-12-000145	722802	7944256	964	-60	65	135	Downhole	-	43.00	24.54	52.31	3.42	
JBR-RC-12-000146	1						4.00	7.00	3.00	31.82	49.07	3.27	
JBR-RC-12-000146	722980	7944556	928	-70	60	81	Downhole	composite	3.00	31.82	49.07	3.27	
JBR-RC-12-000147							20.00	27.00	7.00	34.11	37.43	6.30	
JBR-RC-12-000147	722967	7944645	932	-70	60	60	Downhole	composite	7.00	34.11	37.43	6.30	
							101.00	440.00	0.00	00.70	17.00	0.00	
JBR-RC-12-000148							101.00 123.00	110.00 143.00	9.00	23.70 24.88	47.90 49.12	2.62 1.21	
JBR-RC-12-000148 JBR-RC-12-000148	722742	7944229	941	-60	65	155	Downhole		20.00 29.00	24.00 24.51	49.12 48.74	1.65	
JDI(-I(C-12-000140	122142	1344223	341	-00	0.5	155	Downinole	composite	23.00	24.31	40.74	1.05	
JBR-RC-12-000149							0.00	12.00	12.00	31.38	48.68	3.40	
JBR-RC-12-000149	723059	7944375	953	-60	65	36	Downhole	composite	12.00	31.38	48.68	3.40	
								_					
JBR-RC-12-000150													
JBR-RC-12-000150	723008	7944670	920	-70	60	20		NO S	IGNIFICANT INT	ERSECTIO	ON		
							10.00						
JBR-RC-12-000151	700000	7044649	020	70	60	75	48.00	54.00	6.00	25.45	46.65	3.78	
JBR-RC-12-000151	722922	7944618	938	-70	60	75	Downnole	composite	6.00	25.45	46.65	3.78	
JBR-RC-12-000152							0.00	12.00	12.00	24.82	45.43	11.78	
JBR-RC-12-000152	1						34.00	46.00	12.00	29.22	52.87	2.32	
JBR-RC-12-000152	722934	7944531	945	-70	60	62	Downhole		24.00	27.02	49.15	7.05	
				-									
JBR-RC-12-000153							19.00	43.00	24.00	31.99	47.04	2.65	
JBR-RC-12-000153	723005	7944484	943	-70	65	54	Downhole	composite	24.00	31.99	47.04	2.65	
											FO		1
	1		oo-				70.00	86.00	16.00	27.78	52.52	2.44	
JBR-RC-12-000154			965	-70	65	98	Downhole	composite	16.00	27.78	52.52	2.44	
JBR-RC-12-000154 JBR-RC-12-000154	722940	7944452					F7 00	70.00	00.00	00.75	50.48	4.79	1
JBR-RC-12-000154	722940	7944452											
JBR-RC-12-000154 JBR-RC-12-000155	722940	7944452					57.00	79.00	22.00	29.75			
JBR-RC-12-000155 JBR-RC-12-000155 JBR-RC-12-000155	722940	7944452					83.00	128.00	45.00	29.36	48.30	3.37	
JBR-RC-12-000154 JBR-RC-12-000155 JBR-RC-12-000155 JBR-RC-12-000155			974	-80	35	152	83.00 139.00	128.00 144.00	45.00 5.00	29.36 22.79	48.30 61.83	3.37 3.00	
JBR-RC-12-000155 JBR-RC-12-000155 JBR-RC-12-000155	722940	7944452	974	-80	35	152	83.00 139.00	128.00	45.00	29.36	48.30	3.37	
JBR-RC-12-000155 JBR-RC-12-000155 JBR-RC-12-000155 JBR-RC-12-000155 JBR-RC-12-000155			974	-80	35	152	83.00 139.00 Downhole	128.00 144.00 composite	45.00 5.00 72.00	29.36 22.79 29.02	48.30 61.83 49.91	3.37 3.00 3.78	
JBR-RC-12-000154 JBR-RC-12-000155 JBR-RC-12-000155 JBR-RC-12-000155			974	-80	35	152	83.00 139.00	128.00 144.00	45.00 5.00	29.36 22.79	48.30 61.83	3.37 3.00	
JBR-RC-12-000154 JBR-RC-12-000155 JBR-RC-12-000155 JBR-RC-12-000155 JBR-RC-12-000156			974 943	-80	35	152	83.00 139.00 Downhole 0.00	128.00 144.00 composite 6.00 20.00	45.00 5.00 72.00 6.00	29.36 22.79 29.02 29.31	48.30 61.83 49.91 47.33	3.37 3.00 3.78 7.02	
JBR-RC-12-000155 JBR-RC-12-000155 JBR-RC-12-000155 JBR-RC-12-000155 JBR-RC-12-000155 JBR-RC-12-000156 JBR-RC-12-000156	722457	7944909					83.00 139.00 Downhole 0.00 16.00	128.00 144.00 composite 6.00 20.00	45.00 5.00 72.00 6.00 4.00	29.36 22.79 29.02 29.31 22.56	48.30 61.83 49.91 47.33 56.94	3.37 3.00 3.78 7.02 6.76	
JBR-RC-12-000154 JBR-RC-12-000155 JBR-RC-12-000155 JBR-RC-12-000155 JBR-RC-12-000156 JBR-RC-12-000156 JBR-RC-12-000156 JBR-RC-12-000157	722457	7944909					83.00 139.00 Downhole 0.00 16.00 Downhole 21.00	128.00 144.00 composite 6.00 20.00 composite 26.00	45.00 5.00 72.00 6.00 4.00 10.00 5.00	29.36 22.79 29.02 29.31 22.56	48.30 61.83 49.91 47.33 56.94 51.17 55.84	3.37 3.00 3.78 7.02 6.76 6.91 1.36	
JBR-RC-12-000154 JBR-RC-12-000155 JBR-RC-12-000155 JBR-RC-12-000155 JBR-RC-12-000156 JBR-RC-12-000156 JBR-RC-12-000156	722457	7944909		-60			83.00 139.00 Downhole 0.00 16.00 Downhole	128.00 144.00 composite 6.00 20.00 composite 26.00 99.00	45.00 5.00 72.00 6.00 4.00 10.00	29.36 22.79 29.02 29.31 22.56 26.61	48.30 61.83 49.91 47.33 56.94 51.17	3.37 3.00 3.78 7.02 6.76 6.91	

Intervals calculated using a 20% Fe cut-off grade with 3 metre minimum mining width

All samples were analysed using an XRF fusion method with LOI at 1000 $^{\circ}$ C

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