

TO: COMPANY ANNOUNCEMENTS OFFICE ASX LIMITED

DATE: 9 MARCH 2012

# DRILLING AT DIBETE LOCATES HIGH GRADE COPPER-SILVER MINERALISATION IN METALLURGICAL HOLES

<u>Results received from the recent drilling at Dibete has given additional</u> <u>encouragement from new metallurgical holes</u>

Recent diamond drilling at Dibete has again highlighted the significance of the copper-silver mineralisation at this prospect as shown in Table 1, including:-

- 36m @ 1.37% Cu & 70g/t Ag from 12m in DBRD117, including 1m @ 15.43% Cu & 971g/t Ag from 46.5m
- 20m @1.13% Cu & 29.5g/t Ag from 30m in DBRD118, including 1.5m @ 3.95% Cu & 121g/t Ag from 43m.

## Table 1. Highlights of new results at Dibete.

Hole No	From	То	Interval m	Cu %	Ag g/t	Pb %	Zn %	
DBRD117	12	48	36	1.37	70.0	0.082	0.012	
inc	19.5	48	28.5	1.65	86.6	0.088	0.009	
inc	24.5	27.5	3	2.68	180.1	0.004	0.011	
inc	42.5	48	5.5	3.78	219.4	0.257	0.009	
inc	45	47.5	2.5	7.41	456.2	0.477	0.006	
inc	46.5	47.5	1	15.43	971	1.081	0.004	
DBRD 118	30	50	20	1.13	29.5	0.134	0.048	
inc	36	38	2	3.25	114.1	0.015	0.022	
inc	43	44.5	1.5	3.95	121.3	1.077	0.197	

# ASX Code : BML

## Market Cap approx \$5.7M at 4c per share

Cash \$1.3M (31 Dec 201

### **Issued Capital**

143,717,844 ordinary shares 71,857,670 listed options at 10c

#### **Substantial shareholders**

1. Vermar Pty Ltd 16.20% 2. Bell IXL Investments Ltd 7.65% 3. Polarity B Pty Ltd 6.23%

#### Directors

Mr Patrick Volpe (Chairman) Mr Massimo Cellante (Non-executive Director) Dr Paul Woolrich (Non-executive Director)

www.botswanametals.com.au

#### **Registered Office**

Suite 5, Level 1, 310 Whitehorse Road Balwyn, Victoria, 3103

P +61 3 9830 7676 F +61 3 9836 3056

## Contact Pat Volpe

P +61 3 9830 7676

ABN 96 122 995 073



Four diamond holes were drilled in December 2011 for metallurgical samples and were twinned close to old RC drill holes so that they sampled all mineralisation styles. These diamond holes were twinned close to the following RC holes:

Original Hole Number	Twin Metallurgical Hole Number
DBRC 006	BDRC 119
DBRC 013	DBRC 118
DBRC 014	DBRC 117
DBRC 111	DBRC 120

The diamond holes were drilled to obtain samples for metallurgical test work. Quarter core samples from this drilling were sent for assay with the remainder held for metallurgical testing. Assays have been received for two of these holes with assay results shown in Tables 1 & 2.

DBRC 117 intersected supergene oxide and sulphide mineralisation down to 47.5 metres with minor primary chalcopyrite-pyrite mineralisation below, probably in parallel veins to the ones related to the supergene mineralisation. The intervals from 32.5-40.0 and 42.5-47.5 include supergene sulphides, with disseminated to semi massive chalcocite recognised in the lower interval.

DBRC 118 intersected chalcocite veins over the intervals 37-38m, 40.5-44.5 m and 45.5-50 m. Supergene oxide mineralisation is present in the upper sections of DBRC 118. The copper mineralisation in both diamond holes is rich in silver similar to Airstrip Copper with a 1m interval in DBRC117 containing over 30 ounces/t Ag.

Table 2 below includes all new anomalous drill results received for these two diamond holes as well as two step out RC holes drilled in December 2011 testing the northern part of Dibete on line 6100E. Minor secondary copper mineralisation was encountered in these two RC holes (see DBRC 121 & 122, Table 2) but additional drilling under these holes is required to determine whether a change of strike or splitting into two shoots has occurred. The location of this drilling is shown in Figure 1.



# Table 2 New Anomalous Results from Dibete

Hole No	From	То	Interval	Cu	Ag	Pb	Zn	Au
	m	m	m	%	g/t	%	%	g/t
0000447	12	40	26	4.27	70.0	0.000	0.012	
DBRD117	12	48	36	1.37	70.0	0.082	0.012	
inc	19.5	48	28.5	1.65	86.6	0.088	0.009	
inc	12	14	2	0.056	4.5	0.006	0.023	
inc	15.5	18	2.5	0.842	14.54	0.147	0.020	
inc	16	16.5	0.5	2.69	36	0.042	0.023	
inc	18	18.5	0.5	0.148	4	0.069	0.015	
inc	19.5	40	20.5	1.27	61.5	0.053	0.010	
inc	22	40	18	1.42	68.9	0.058	0.010	
inc	24.5	27.5	3	2.68	180.1	0.004	0.011	
inc	32.5	40	7.5	1.36	42.1	0.021	0.009	
inc	42.5	48	5.5	3.78	219.4	0.257	0.009	
inc	45	47.5	2.5	7.41	456.2	0.477	0.006	
inc	46.5	47.5	1	15.43	971	1.081	0.004	
DBRD117	50.5	51	0.5	0.25	1.6	0.011	0.013	
DBRD117	56	57	1	0.25	3	0.001	0.002	





## Table 2 New Anomalous Results from Dibete (continued)

	From	То	Interval	Cu	Ag	Pb	Zn	Au
Hole NO	m	m	m	%	g/t	%	%	g/t
DBRD 118	18.5	19	0.5	0.035	2.1	0.002	0.003	
DBRD 118	20	21	1	0.022	1.2	0.003	0.013	
DBRD 118	27.5	28	0.5	0.13	4.4	0.003	0.007	
DBRD 118	30	50	20	1.13	29.5	0.134	0.048	
inc	36	38	2	3.25	114.1	0.015	0.022	
inc	43	44.5	1.5	3.95	121.3	1.077	0.197	
DBRC 121	6	14	8	0.65	10.2	0.038	0.012	
inc	6	12	6	0.83	12.6	0.050	0.013	
DBRC 121	24	25	1	0.32	1.9	0.002	0.006	
DBRC 121	33	34	1	0.01	0.1	0	0.005	0.218
DBRC 122	13	23	10	0.42	8.6	0.010	0.010	
inc	15	19	4	0.69	10.5	0.011	0.010	
DBRC 122	28	29	1	0.76	0.5	0.002	0.013	

Note: All depths are down hole distances and intervals may not be true thicknesses.
Cut offs applied to laboratory results are 0.2% for Cu, Pb, Zn and Ni and 2 g/t Ag, and 0.2g/t Au.
Step out holes DBRC 121 and DBRC 122 were drilled to extend the confidence in strike length of the mineralised zone on line 6100E. Results are from 4 holes for a total of 244.3m.



638200mE 27 -38 38300mE -36 •12 62 96 43 35 7593900mN -44 87 42 93 Q) 29 81 #11415-a1 84 **1**01 63 45 103 •79 41 1165 32 -85 •113 -30 88 •110 47 +111 7593800mN 107 120 5 +102 40 **106** 108 6200K 112 118 59 109 6100E 6000K · MET DRILLHOLE **DREADHOLD** PL111/1994 EATUM INCOM THE ONLY CONTOUR · NEW DRILLINGLE DIBETE PROSPECT LOOM GRID LINE TRENCH 100 /\* OLD WORKING DIBETE PROSPECT FRAT INSERT

*Figure 1. Relationship of metallurgical and step out drill holes to old workings and structures at Dibete Prospect. Inset shows modelled mineralisation and the interpreted structures.* 

Additional results will be released as they become available.

Pat Volpe <u>Chairman</u>





## **Competent Persons Statement.**

The information in this report that relates to Exploration Results is based on information compiled by Mr Peter Temby, a consultant employed by Anpet Exploration Pty Ltd and a member of The Australian Institute of Geoscientists.

Mr Temby has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activities which he is 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 Reserves. Mr Temby consents to the inclusion in this report of matters based on his information in the form and context in which it appears.