Rule 2.7, 3.10.3, 3.10.4, 3.10.5

Appendix 3B

New issue announcement, application for quotation of additional securities and agreement

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

Introduced 01/07/96 Origin: Appendix 5 Amended 01/07/98, 01/09/99, 01/07/00, 30/09/01, 11/03/02, 01/01/03, 24/10/05, 01/08/12, 04/03/13

Name	e of entity	
Med	dusa Mining Limited	
ABN		
60 0	099 377 849	
We ((the entity) give ASX the following	ng information.
	t 1 - All issues nust complete the relevant sections (attac	ch sheets if there is not enough space).
1	*Class of *securities issued or to be issued	Performance Rights
2	Number of *securities issued or to be issued (if known) or maximum number which may be issued	167,000
3	Principal terms of the *securities (e.g. if options, exercise price and expiry date: if	executives of the Company represents on average approximately 60% of

the *securities, partly paid amount outstanding and due dates for payment; if the +convertible securities, conversion price and dates for conversion)

the executives' remuneration package.

The remaining 40% of the executives' STI award was paid in cash. The STI's reflects the achievement of pre-determined cost, production, safety, critical projects and mineral reserve targets.

The proposed STIs will automatically vest on 17 January 2021 conditional upon the executives being employees of the Company at that time.

Subject to the satisfaction of that condition and to any adjustments in accordance with the rules of the Executive Incentive Plan (e.g. upon a reorganisation of capital), the executives will be entitled to receive one Share (or the cash equivalent) for each Performance Right that vests.

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⁺ See chapter 19 for defined terms.

4	Do the *securities rank equally in all respects from the *issue date with an existing *class of quoted *securities? If the additional *securities do not rank equally, please state: • the date from which they do • the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment • the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment	No. Shares Issued as a result of the vesting of the Performance Rights will rank equally with Ordinary Fully Paid Shares as from the date of Allotment of the Shares.
5	Issue price or consideration	Nil
6	Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)	Issue of Performance Rights to Senior Executives in accordance with Medusa Mining Limited's Performance Rights Plan approved by the Shareholders on 28 January 2015.
6a	Is the entity an *eligible entity that has obtained security holder approval under rule 7.1A? If Yes, complete sections 6b – 6h in relation to the *securities the subject of this Appendix 3B, and comply with section 6i	No
6b	The date the security holder resolution under rule 7.1A was passed	-
6c	Number of *securities issued without security holder approval under rule 7.1	-

6d	Number of *securities issued with security holder approval under rule 7.1A	-	
6е	Number of *securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)	-	
6f	Number of *securities issued under an exception in rule 7.2	-	
6g	If *securities issued under rule 7.1A, was issue price at least 75% of 15 day VWAP as calculated under rule 7.1A.3? Include the *issue date and both values. Include the source of the VWAP calculation.	-	
6h	If *securities were issued under rule 7.1A for non-cash consideration, state date on which valuation of consideration was released to ASX Market Announcements	-	
6i	Calculate the entity's remaining issue capacity under rule 7.1 and rule 7.1A – complete Annexure 1 and release to ASX Market Announcements	-	
7	⁺ Issue dates	17 January 2020	
	Note: The issue date may be prescribed by ASX (refer to the definition of issue date in rule 19.12). For example, the issue date for a pro rata entitlement issue must comply with the applicable timetable in Appendix 7A. Cross reference: item 33 of Appendix 3B.	17 January 2020	
	Cross reference: item 33 of Appendix 36.		
8	Number and +class of all +securities quoted on ASX (including the +securities in section 2 if applicable)	Number 207,794,301	+Class Ordinary Shares

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⁺ See chapter 19 for defined terms.

9 Number and +class of all +securities not quoted on ASX (including the +securities in section 2 if applicable)

Number		⁺ Class
2,0	025,000	Unlisted Options
	167,000	Performance Rights

Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)

The Company does not presently have a formal Dividend Policy

Part 2 - Pro rata issue

11	Is security holder approval required?	-
12	Is the issue renounceable or non-renounceable?	-
13	Ratio in which the *securities will be offered	-
14	⁺ Class of ⁺ securities to which the offer relates	-
15	⁺ Record date to determine entitlements	-
16	Will holdings on different registers (or subregisters) be aggregated for calculating entitlements?	-
17	Policy for deciding entitlements in relation to fractions	-
18	Names of countries in which the entity has security holders who will not be sent new offer documents Note: Security holders must be told how their	-
	entitlements are to be dealt with. Cross reference: rule 7.7.	
19	Closing date for receipt of acceptances or renunciations	-

20	Names of any underwriters	-
21	Amount of any underwriting fee or commission	-
22	Names of any brokers to the issue	-
23	Fee or commission payable to the broker to the issue	-
24	Amount of any handling fee payable to brokers who lodge acceptances or renunciations on behalf of security holders	-
25	If the issue is contingent on security holders' approval, the date of the meeting	-
26	Date entitlement and acceptance form and offer documents will be sent to persons entitled	-
27	If the entity has issued options, and the terms entitle option holders to participate on exercise, the date on which notices will be sent to option holders	-
28	Date rights trading will begin (if applicable)	-
29	Date rights trading will end (if applicable)	-
30	How do security holders sell their entitlements <i>in full</i> through a broker?	-
31	How do security holders sell <i>part</i> of their entitlements through a broker and accept for the balance?	-

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⁺ See chapter 19 for defined terms.

	32	of their er	ecurity holders dispose ntitlements (except by gh a broker)?	-
	33	⁺ Issue date		
D 4		4 41		
	-		of securities section if you are applying	for quotation of securities
Tou nee	u only c	ompiete trus	section if you are applying	or quotation of securities
	34	Type of *se (tick one)	ecurities	
	(a)		+Securities described in	Part 1
		[X]		
	(b)		All other *securities	
	(5)			the end of the escrowed period, partly paid securities that become fully
			paid, employee incentive shar conversion of convertible securit	e securities when restriction ends, securities issued on expiry or es
Entitie	se that	have tick	ad hay 31(a)	
Entitie	es that	have tick	ed box 34(a)	
			ed box 34(a) forming a new clas	s of securities
			. ,	s of securities
	ional Tick	securities	forming a new clas	s of securities
	ional Tick	securities	you are providing the aments If the *securities are	tequity securities, the names of the 20 largest
	ional Tick i	securities	you are providing the aments If the *securities are holders of the addition	+equity securities, the names of the 20 largest al +securities, and the number and percentage of
	Tick inform	securities	you are providing the uments If the *securities are holders of the addition additional *securities h	⁺ equity securities, the names of the 20 largest al ⁺ securities, and the number and percentage of eld by those holders
	ional Tick i	securities	you are providing the aments If the *securities are holders of the addition additional *securities has been securities are the	†equity securities, the names of the 20 largest al †securities, and the number and percentage of eld by those holders equity securities, a distribution schedule of the
	Tick inform	securities	you are providing the uments If the *securities are holders of the addition additional *securities hadditional *securities securities additional *securities securities securit	⁺ equity securities, the names of the 20 largest al ⁺ securities, and the number and percentage of eld by those holders
	Tick inform	securities	you are providing the uments If the *securities are holders of the addition additional *securities hadditional *securities s additional *securities s 1 - 1,000 1,001 - 5,000	†equity securities, the names of the 20 largest al †securities, and the number and percentage of eld by those holders equity securities, a distribution schedule of the
	Tick inform	securities	you are providing the aments If the *securities are holders of the addition additional *securities hadditional *securities securities securiti	†equity securities, the names of the 20 largest al †securities, and the number and percentage of eld by those holders equity securities, a distribution schedule of the
	Tick inform	securities	you are providing the aments If the *securities are holders of the addition additional *securities hadditional *securities securities securiti	†equity securities, the names of the 20 largest al †securities, and the number and percentage of eld by those holders equity securities, a distribution schedule of the
	Tick inform	securities	you are providing the aments If the *securities are holders of the addition additional *securities hadditional *securities s 1 - 1,000 1,001 - 5,000 5,001 - 10,000 10,001 - 100,000 100,001 and over	†equity securities, the names of the 20 largest al †securities, and the number and percentage of eld by those holders equity securities, a distribution schedule of the
	Tick inform 35	securities	you are providing the aments If the *securities are holders of the addition additional *securities hadditional *securities s 1 - 1,000 1,001 - 5,000 5,001 - 10,000 10,001 - 100,000 100,001 and over	⁺ equity securities, the names of the 20 largest al ⁺ securities, and the number and percentage of eld by those holders equity securities, a distribution schedule of the etting out the number of holders in the categories

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⁺ See chapter 19 for defined terms.

Entities that have ticked box 34(b)

38	Number of *securities for which *quotation is sought	-	
	+61		
39	⁺ Class of ⁺ securities for which quotation is sought	-	
40	Do the *securities rank equally in all respects from the *issue date with an existing *class of quoted *securities?	-	
	If the additional *securities do not rank equally, please state: • the date from which they do • the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment • the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment		
41	Reason for request for quotation now	-	
	Example: In the case of restricted securities, end of restriction period		
	(if issued upon conversion of another *security, clearly identify that other *security)		
		Number	+Class
42	Number and *class of all *securities quoted on ASX (including the *securities in clause 38)		

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⁺ See chapter 19 for defined terms.

Quotation agreement

- ⁺Quotation of our additional ⁺securities is in ASX's absolute discretion. ASX may quote the ⁺securities on any conditions it decides.
- 2 We warrant the following to ASX.
 - The issue of the *securities to be quoted complies with the law and is not for an illegal purpose.
 - There is no reason why those +securities should not be granted +quotation.
 - An offer of the *securities for sale within 12 months after their issue will not require disclosure under section 707(3) or section 1012C(6) of the Corporations Act.

Note: An entity may need to obtain appropriate warranties from subscribers for the securities in order to be able to give this warranty

- Section 724 or section 1016E of the Corporations Act does not apply to any applications received by us in relation to any *securities to be quoted and that no-one has any right to return any *securities to be quoted under sections 737, 738 or 1016F of the Corporations Act at the time that we request that the *securities be quoted.
- If we are a trust, we warrant that no person has the right to return the *securities to be quoted under section 1019B of the Corporations Act at the time that we request that the *securities be quoted.
- We will indemnify ASX to the fullest extent permitted by law in respect of any claim, action or expense arising from or connected with any breach of the warranties in this agreement.
- We give ASX the information and documents required by this form. If any information or document is not available now, we will give it to ASX before †quotation of the †securities begins. We acknowledge that ASX is relying on the information and documents. We warrant that they are (will be) true and complete.

Sign here:

Date: 17 January 2020

Company secretary

Print name: Peter Stanley Alphonso

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⁺ See chapter 19 for defined terms.

Appendix 3B – Annexure 1

Calculation of placement capacity under rule 7.1 and rule 7.1A for eligible entities

Introduced 01/08/12 Amended 04/03/13

Part 1

Rule 7.1 – Issues exceeding 15% of capital			
Step 1: Calculate "A", the base figure from which the placement capacity is calculated			
Insert number of fully paid +ordinary securities on issue 12 months before the +issue date or date of agreement to issue			
Add the following:			
Number of fully paid ⁺ ordinary securities issued in that 12 month period under an exception in rule 7.2			
Number of fully paid ⁺ ordinary securities issued in that 12 month period with shareholder approval			
Number of partly paid ⁺ ordinary securities that became fully paid in that 12 month period			
 Note: Include only ordinary securities here – other classes of equity securities cannot be added Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed It may be useful to set out issues of securities on different dates as separate line items 			
Subtract the number of fully paid ⁺ ordinary securities cancelled during that 12 month period			
"A"			

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⁺ See chapter 19 for defined terms.

"B"	0.15
	[Note: this value cannot be changed]
Multiply "A" by 0.15	
Step 3: Calculate "C", the amount of 7.1 that has already been used	of placement capacity under rule
Insert number of *equity securities issued or agreed to be issued in that 12 month period not counting those issued:	
 Under an exception in rule 7.2 	
Under rule 7.1A	
 With security holder approval under rule 7.1 or rule 7.4 	
 Note: This applies to equity securities, unless specifically excluded – not just ordinary securities Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed It may be useful to set out issues of securities on different dates as separate line items 	
"C"	
Step 4: Subtract "C" from ["A" x "E placement capacity under rule 7.1 "A" x 0.15	3"] to calculate remaining
Note: number must be same as shown in Step 2	
Subtract "C"	
Note: number must be same as shown in Step 3	
Total ["A" x 0.15] – "C"	
	[Note: this is the remaining placement

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⁺ See chapter 19 for defined terms.

Part 2

Rule 7.1A – Additional placement capacity for eligible entities		
Step 1: Calculate "A", the base figure from which the placement capacity is calculated		
0.10		
Note: this value cannot be changed		
Step 3: Calculate "E", the amount of placement capacity under rule 7.1A that has already been used		

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⁺ See chapter 19 for defined terms.

Step 4: Subtract "E" from ["A" x "D"] to calculate remaining placement capacity under rule 7.1A		
"A" x 0.10		
Note: number must be same as shown in Step 2		
Subtract "E"		
Note: number must be same as shown in Step 3		
Total ["A" x 0.10] – "E"		
	Note: this is the remaining placement capacity under rule 7.1A	

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⁺ See chapter 19 for defined terms.