

CRule 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

Name of entity

Bluglass Limited

ABN

20 116 825 793

We (the entity) give ASX the following information.

Part 1 - All issues

You must complete the relevant sections (attach sheets if there is not enough space).

- | | | |
|---|--|--|
| 1 | +Class of +securities issued or to be issued | Incentive Options and Options |
| 2 | Number of +securities issued or to be issued (if known) or maximum number which may be issued | 600,000 - Incentive Options
1,500,000 - Options |
| 3 | Principal terms of the +securities (eg, if options, exercise price and expiry date; if partly paid +securities, the amount outstanding and due dates for payment; if +convertible securities, the conversion price and dates for conversion) | <u>Incentive Options</u>

Refer Annexure 2

<u>Options</u>

Exercise price of \$0.50 per Option with an expiry date on or before 1 December 2018 |

+ See chapter 19 for defined terms.

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4	<p>Do the +securities rank equally in all respects from the date of allotment with an existing +class of quoted +securities?</p> <p>If the additional securities do not rank equally, please state:</p> <ul style="list-style-type: none"> • 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 	<p><u>Incentive Options</u></p> <p>Refer Annexure 2 for terms and conditions.</p> <p><u>Options</u></p> <p>Will only rank equally with the ordinary shares on issue in the event the Options are exercised on or before the exercise date of 1 December 2018.</p> <p>No entitlement to dividends or any other distribution.</p>
5	Issue price or consideration	N/A
6	<p>Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)</p>	<p><u>Incentive Options</u></p> <p>Issue of Incentive Options to directors as approved at the 2016 AGM</p> <p><u>Options</u></p> <p>Issue of Options pursuant to a capital raising mandate agreement with Shaw and Partners</p>
6a	<p>Is the entity an +eligible entity that has obtained security holder approval under rule 7.1A?</p> <p>If Yes, complete sections 6b – 6h in relation to the +securities the subject of this Appendix 3B, and comply with section 6i</p>	Yes
6b	The date the security holder resolution under rule 7.1A was passed	21 Nov 2016
6c	Number of +securities issued without security holder approval under rule 7.1	Options - 1,500,000

+ See chapter 19 for defined terms.

6d	Number of +securities issued with security holder approval under rule 7.1A	N/A	
6e	Number of +securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)	N/A	
6f	Number of securities issued under an exception in rule 7.2	Incentive Options - 600,000	
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.	N/A	
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	N/A	
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	Refer Annexure 1	
7	Dates of entering +securities into uncertificated holdings or despatch of certificates	23 November 2016	
8	Number and +class of all +securities quoted on ASX (including the securities in section 2 if applicable)	Number	+Class
		371,842,508	Ordinary Fully Paid

+ See chapter 19 for defined terms.

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	Number	+Class
9 Number and +class of all +securities not quoted on ASX (including the securities in section 2 if applicable)	5,500,000	Incentive Plan Options expiring 1 December 2018, \$0.01 exercise price, subject to vesting criteria
	2,020,000	Incentive Plan Options expiring 1 June 2018, \$0.01 exercise price, subject to vesting criteria
	600,000	Incentive Plan Options expiring 1 Dec 2019, \$0.01 exercise price, subject to vesting criteria
	1,500,000	Options over ordinary shares with an exercise price of \$0.50 and an exercise date of 1 December 2018
10 Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)		

Part 2 - Bonus issue or 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	

+ See chapter 19 for defined terms.

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 issue documents <small>Note: Security holders must be told how their entitlements are to be dealt with. Cross reference: rule 7.7.</small>	
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 prospectus or Product Disclosure Statement will be sent to persons entitled	

⁺ See chapter 19 for defined terms.

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|----|---|--|
| 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? | |
| 32 | How do ⁺ security holders dispose of their entitlements (except by sale through a broker)? | |
| 33 | ⁺ Despatch date | |

Part 3 - Quotation of securities

You need only complete this section if you are applying for quotation of securities

- 34 Type of securities
(tick one)
- (a) ☐ Securities described in Part 1
- (b) ☐ All other securities
- Example: restricted securities at the end of the escrowed period, partly paid securities that become fully paid, employee incentive share securities when restriction ends, securities issued on expiry or conversion of convertible securities

Entities that have ticked box 34(a)

Additional securities forming a new class of securities

⁺ See chapter 19 for defined terms.

Tick to indicate you are providing the information or documents

- 35 ☐ If the +securities are +equity securities, the names of the 20 largest holders of the additional +securities, and the number and percentage of additional +securities held by those holders
- 36 ☐ If the +securities are +equity securities, a distribution schedule of the additional +securities setting out the number of holders in the categories
1 - 1,000
1,001 - 5,000
5,001 - 10,000
10,001 - 100,000
100,001 and over
- 37 ☐ A copy of any trust deed for the additional +securities

Entities that have ticked box 34(b)

- 38 Number of securities for which +quotation is sought
- 39 Class of +securities for which quotation is sought
- 40 Do the +securities rank equally in all respects from the date of allotment 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

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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)

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42 Number and ⁺class of all ⁺securities quoted on ASX (including the securities in clause 38)

Number	⁺ Class

Quotation agreement

1 ⁺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.

3 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.

⁺ See chapter 19 for defined terms.

- 4 We give ASX the information and documents required by this form. If any information or document not available now, 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: Emmanuel Correia
Company secretary

Date: 23 November 2016

Print name: Emmanuel Correia

+ 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

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 date of issue or agreement to issue	371,842,508
Add the following: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• <i>Include only ordinary securities here – other classes of equity securities cannot be added</i>• <i>Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed</i>• <i>It may be useful to set out issues of securities on different dates as separate line items</i>	
Subtract the number of fully paid ordinary securities cancelled during that 12 month period	Nil
“A”	371,842,508

+ See chapter 19 for defined terms.

Step 2: Calculate 15% of “A”	
“B”	0.15 <i>[Note: this value cannot be changed]</i>
Multiply “A” by 0.15	55,776,376
Step 3: Calculate “C”, the amount of placement capacity under rule 7.1 that has already been used	
<p>Insert number of equity securities issued or agreed to be issued in that 12 month period <i>not counting</i> those issued:</p> <ul style="list-style-type: none"> Under an exception in rule 7.2 Under rule 7.1A With security holder approval under rule 7.1 or rule 7.4 <p><i>Note:</i></p> <ul style="list-style-type: none"> <i>This applies to equity securities, unless specifically excluded – not just ordinary securities</i> <i>Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed</i> <i>It may be useful to set out issues of securities on different dates as separate line items</i> 	<p>15,625,000 (4 Nov 2016)</p> <p>1,500,000 (23 Nov 2016)</p>
“C”	17,125,000
Step 4: Subtract “C” from [“A” x “B”] to calculate remaining placement capacity under rule 7.1	
<p>“A” x 0.15</p> <p><i>Note: number must be same as shown in Step 2</i></p>	55,776,376
<p>Subtract “C”</p> <p><i>Note: number must be same as shown in Step 3</i></p>	17,125,000
Total [“A” x 0.15] – “C”	<p>38,651,376</p> <p><i>Note: this is the remaining placement capacity under rule 7.1]</i></p>

+ 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	
“A” <i>Note: number must be same as shown in Step 1 of Part 1</i>	371,842,508
Step 2: Calculate 10% of “A”	
“D”	0.10 <i>Note: this value cannot be changed</i>
Multiply “A” by 0.10	37,184,251
Step 3: Calculate “E”, the amount of placement capacity under rule 7.1A that has already been used	
Insert number of equity securities issued or agreed to be issued in that 12 month period under rule 7.1A Notes: <ul style="list-style-type: none"> • This applies to equity securities – not just ordinary securities • Include here – if applicable – the securities the subject of the Appendix 3B to which this form is annexed • Do not include equity securities issued under rule 7.1 (they must be dealt with in Part 1), or for which specific security holder approval has been obtained • It may be useful to set out issues of securities on different dates as separate line items 	Nil
“E”	Nil

+ 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 <i>Note: number must be same as shown in Step 2</i>	37,184,251
Subtract “E” <i>Note: number must be same as shown in Step 3</i>	Nil
Total [“A” x 0.10] – “E”	37,184,251 <i>Note: this is the remaining placement capacity under rule 7.1A</i>

+ See chapter 19 for defined terms.

ANNEXURE 2 – TERMS OF INCENTIVE OPTIONS

The terms and conditions of the Incentive Options are as follows and as otherwise provided in the Incentive Option Scheme:

- (a) each Incentive Option entitles the holder, when exercised, to one (1) Share;
- (b) subject to paragraphs (d) and (e) below, the Incentive Options are exercisable at any time on or prior to 5.00pm (EST) on 1 December 2019 (**Expiry Date**) by completing an option exercise form and delivering it together with the payment for the number of Shares in respect of which the Incentive Options are exercised to the registered office of the Company;
- (c) the amount payable upon exercise of each Incentive Option will be \$0.01 (**Exercise Price**);
- (d) subject to (e) below, the Incentive Options and any Shares issued on the exercise of the Incentive Options will vest on the earlier of:
 - The Company successfully completing the LumiLeds phase 1 & 2 milestones, or
 - 2 years' continuous service as a director or employee of the Company from the date of issue.
- (e) in the event:
 - (i) any third party acquires greater than a 50% interest in the Company's issued shares (by way of takeover, Incentive Option Scheme of arrangement or any other means); or
 - (ii) the Company sells a majority of its assets to a third party,any unvested Incentive Options or Shares issued on the exercise of the Incentive Options will immediately vest and must be exercised within 90 days thereafter (otherwise they will immediately lapse);
- (f) an Incentive Option does not confer the right to a change in exercise price or a change in the number of underlying securities over which the Incentive Option can be exercised;
- (g) all Shares allotted upon the exercise of Incentive Options will upon allotment rank pari passu in all respects with other Shares;
- (h) the Incentive Options are not transferable;
- (i) Incentive Options will not be quoted on the ASX. However an application will be made to ASX for official quotation of the Shares allotted pursuant to the exercise of the Incentive Options if the Company's Shares are listed on ASX at that time;
- (j) there are no participating rights or entitlements inherent in the Incentive Options and Incentive Option holders will not be entitled to participate in new issues of capital offered to Shareholders during the currency of the Incentive Options. However, the Company will ensure that for the purposes of determining entitlements to any such issue, the record date will be at least 7 Business Days after the issue is announced. This will give Incentive Option holders the opportunity to exercise their Incentive

+ See chapter 19 for defined terms.

Options prior to the date for determining entitlements to participate in any such issue; and

- (k) if at any time the issued capital of the Company is reconstructed, all rights of an Incentive Option holder are to be changed in a manner consistent with the Corporations Act and the ASX Listing Rules at the time of the reconstruction.

+ See chapter 19 for defined terms.