

Bubs Australia Limited ACN 060 094 742 2-4/6 Tilley Lane, Frenchs Forest NSW 2086 Australia

1800 2827 2878 (1800 BUBS AUST) info@bubsaustralia.com

Sydney, 20 December 2017:

Company Announcements Office **ASX Limited** Exchange Centre 20 Bridge Street Sydney NSW 2000

Dear Sir/Madam

Appendix 3b Notices

Attached are the following Appendix 3b notices.

- 1. Amended Appendix 3b from 8 September 2017;
- 2. Appendix 3b for the issue of Shares following the exercise of Options; and
- 3. Appendix 3b for the issue of Shares Pursuant to Placement and Share Purchase Plan.

Yours sincerely

Jay Stephenson Company Secretary

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.

 $Introduced \ o1/o7/96 \ \ Origin: Appendix \ 5 \ \ Amended \ o1/o7/98, \ o1/o9/99, \ o1/o7/oo, \ 30/o9/o1, \ 11/o3/o2, \ o1/o1/o3, \ 24/10/o5, \ o1/o8/12, \ o4/o3/13$

of entity	
Australia Limited	
0 094 742	
he entity) give ASX the followin	g information.
1 - All issues ust complete the relevant sections (attack	h sheets if there is not enough space).
⁺ Class of ⁺ securities issued or to be issued	Fully paid ordinary shares
Number of *securities issued or to be issued (if known) or maximum number which may be issued	35,245,022 fully paid ordinary shares issued pursuant to an institutional placement announced on 1 September 2017
Principal terms of the *securities (e.g. 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)	Fully paid ordinary shares
	Australia Limited o 094 742 he entity) give ASX the followin 1 - All issues st complete the relevant sections (attack +Class of +securities issued or to be issued Number of +securities issued or to be issued Number of the home issued Principal terms of the securities (e.g. if options, exercise price and expiry date; if partly paid the securities, the amount outstanding and due dates for payment; if the conversion price and dates for

⁺ 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	Yes
5	Issue price or consideration	\$0.45 per fully paid ordinary share
,	r	per runy para oraniary sinare
6	Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)	Institutional placement of shares (refer to ASX announcement dated 1 September 2017)
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	Not at the date of issue
6b	The date the security holder resolution under rule 7.1A was passed	N/A
6c	Number of *securities issued without security holder approval under rule 7.1	N/A

Appendix 3B Page 2 04/03/2013

⁺ 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	N/A	
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	N/A	
7	⁺ Issue dates		
7	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.	8 September 2017	
	Cross reference: item 33 of Appendix 3B.		
	1	Number	+Class
8	Number and *class of all *securities quoted on ASX (including the *securities in section 2 if applicable)	226,106,860	Fully paid ordinary shares

⁺ 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
47,959,050	Fully paid ordinary shares escrowed until 20 December 2018
5,844,242	10c Options escrowed until 20 December 2018
3,578,108	10c Options

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

holder approval

N/A

Part 2 - Pro rata issue

Is security

11

required? Is the issue renounceable or non-N/A renounceable? Ratio in which the *securities N/A 13 will be offered ⁺Class of ⁺securities to which the N/A 14 offer relates ⁺Record date to determine N/A 15 entitlements Will holdings on 16 different N/A registers (or subregisters) be

N/A

Policy for deciding entitlements N/A in relation to fractions

for

calculating

aggregated

entitlements?

N/A

Appendix 3B Page 4 04/03/2013

⁺ See chapter 19 for defined terms.

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.	N/A
19	Closing date for receipt of acceptances or renunciations	N/A
20	Names of any underwriters	N/A
21	Amount of any underwriting fee or commission	N/A
22	Names of any brokers to the issue	N/A
23	Fee or commission payable to the broker to the issue	N/A
24	Amount of any handling fee payable to brokers who lodge acceptances or renunciations on behalf of security holders	N/A
25	If the issue is contingent on security holders' approval, the date of the meeting	N/A
26	Date entitlement and acceptance form and offer documents will be sent to persons entitled	N/A
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	N/A

⁺ See chapter 19 for defined terms.

Appendix 3B New issue announcement

28	Date rights trading will begin (if applicable)	N/A
29	Date rights trading will end (if applicable)	N/A
30	How do security holders sell their entitlements <i>in full</i> through a broker?	N/A
31	How do security holders sell <i>part</i> of their entitlements through a broker and accept for the balance?	N/A
32	How do security holders dispose of their entitlements (except by sale through a broker)?	N/A
33	⁺ Issue date	N/A
	3 - Quotation of securitieed only complete this section if you are a	
34	Type of *securities (tick one)	
(a)	*Securities described in Part	t 1
(b)		end of the escrowed period, partly paid securities that become fully paid en restriction ends, securities issued on expiry or conversion of convertible

Appendix 3B Page 6 04/03/2013

⁺ See chapter 19 for defined terms.

Entities that have ticked box 34(a)

Additional securities forming a new class of securities

Tick to	Fick to indicate you are providing the information or documents		
35	1 1	ecurities, the names of the 20 largest holders of the e number and percentage of additional *securities	
36	1 1	securities, a distribution schedule of the additional nber of holders in the categories	
37	A copy of any trust deed for the	ne additional ⁺ securities	
Entiti	es that have ticked box 34(b)		
38	Number of *securities for which *quotation is sought	N/A	
39	⁺ Class of ⁺ securities for which quotation is sought	N/A	
40	all respects from the +issue date with an existing +class of quoted +securities? If the additional +securities do not	N/A	
	 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 		

⁺ See chapter 19 for defined terms.

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 and *class of all *securities quoted on ASX (including the *securities in clause 38)

	Number	+Class
l	N/A	
•		

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.

Appendix 3B Page 8 04/03/2013

⁺ See chapter 19 for defined terms.

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: 20 December 2017

Print name: JAY STEPHENSON Company Secretary

== == == ==

⁺ 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"	

Appendix 3B Page 10 04/03/2013

⁺ See chapter 19 for defined terms.

Step 2: Calculate 15% of "A"	
"B"	
Multiply "A" by 0.15	
Step 3: Calculate "C", the amount 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 "l placement capacity under rule 7.1	B"] to calculate remaining
"A" x 0.15	
Note: number must be same as shown in Step 2	
Subtract "C"	
Note: number must be same as shown in Step 3	
<i>Total</i> ["A" x 0.15] – "C"	

⁺ See chapter 19 for defined terms.

Part 2

ire from which the placement	
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	

Appendix 3B Page 12 04/03/2013

⁺ 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

⁺ See chapter 19 for defined terms.

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.

 $Introduced \ o1/o7/96 \ \ Origin: Appendix \ 5 \ \ Amended \ o1/o7/98, \ o1/o9/99, \ o1/o7/oo, \ 30/o9/o1, \ 11/o3/o2, \ o1/o1/o3, \ 24/10/o5, \ o1/o8/12, \ o4/o3/13$

Name o	of entity	
Bubs	Australia Limited	
ABN		
63 06	0 094 742	
We (t	he entity) give ASX the followin	g information.
	1 - All issues ust complete the relevant sections (attac	h sheets if there is not enough space).
1	⁺ Class of ⁺ securities issued or to be issued	Fully paid ordinary shares
2	Number of *securities issued or to be issued (if known) or maximum number which may be issued	5,000
3	Principal terms of the *securities (e.g. 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)	Fully paid ordinary shares (converted from unlisted 10c options)

⁺ 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	Yes
5	Issue price or consideration	\$500
6	Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)	Option conversion of 5,000 unlisted 10c options
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	Not at the date of issue
6b	The date the security holder resolution under rule 7.1A was passed	N/A
6c	Number of *securities issued without security holder approval under rule 7.1	N/A

Appendix 3B Page 2 04/03/2013

⁺ 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	N/A	
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	N/A	
7	⁺ Issue dates	17 November 2017	
•	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.		
	I	Number	+Class
8	Number and *class of all *securities quoted on ASX (including the *securities in section 2 if applicable)	226,111,860	Fully paid ordinary shares

⁺ 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
47,959,050	Fully paid ordinary shares escrowed until 20 December 2018
5,844,242	10c Options escrowed until 20 December 2018
3,573,108	10c Options

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

holder approval

N/A

Part 2 - Pro rata issue

Is security

entitlements

11

required? Is the issue renounceable or non-N/A renounceable? Ratio in which the *securities N/A 13 will be offered ⁺Class of ⁺securities to which the N/A 14 offer relates ⁺Record date to determine N/A 15

N/A

N/A

- 16 Will holdings on different registers (or subregisters) be aggregated for calculating entitlements?
- Policy for deciding entitlements N/A in relation to fractions

N/A

Appendix 3B Page 4 04/03/2013

⁺ See chapter 19 for defined terms.

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.	N/A
	Cross reference: rule 7.7.	
19	Closing date for receipt of acceptances or renunciations	N/A
20	Names of any underwriters	N/A
21	Amount of any underwriting fee or commission	N/A
22	Names of any brokers to the issue	N/A
		[
23	Fee or commission payable to the broker to the issue	N/A
24	Amount of any handling fee payable to brokers who lodge acceptances or renunciations on behalf of security holders	N/A
25	If the issue is contingent on security holders' approval, the date of the meeting	N/A
26	Date entitlement and acceptance form and offer documents will be sent to persons entitled	N/A
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	N/A

⁺ See chapter 19 for defined terms.

Appendix 3B New issue announcement

28	Date rights trading will begin (if applicable)	N/A
29	Date rights trading will end (if applicable)	N/A
30	How do security holders sell their entitlements <i>in full</i> through a broker?	N/A
31	How do security holders sell <i>part</i> of their entitlements through a broker and accept for the balance?	N/A
32	How do security holders dispose of their entitlements (except by sale through a broker)?	N/A
33	⁺ Issue date	N/A
	3 - Quotation of securitieed only complete this section if you are a	
34	Type of *securities (tick one)	
(a)	*Securities described in Part	:1
(b)		and of the escrowed period, partly paid securities that become fully paid en restriction ends, securities issued on expiry or conversion of convertible

Appendix 3B Page 6 04/03/2013

⁺ See chapter 19 for defined terms.

Entities that have ticked box 34(a)

Additional securities forming a new class of securities

Tick to	Tick to indicate you are providing the information or documents		
35	1 1	ecurities, the names of the 20 largest holders of the e number and percentage of additional *securities	
36		securities, a distribution schedule of the additional nber of holders in the categories	
37	A copy of any trust deed for the	ne additional ⁺ securities	
Entiti	es that have ticked box 34(b)		
38	Number of *securities for which †quotation is sought	N/A	
39	⁺ Class of ⁺ securities for which quotation is sought	N/A	
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	N/A	
	 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 		

⁺ See chapter 19 for defined terms.

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 and *class of all *securities quoted on ASX (including the *securities in clause 38)

Number	+Class
N/A	

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.

Appendix 3B Page 8 04/03/2013

⁺ See chapter 19 for defined terms.

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: 20 December 2017

Print name: JAY STEPHENSON

Company Secretary

== == == ==

⁺ 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"		

Appendix 3B Page 10 04/03/2013

⁺ See chapter 19 for defined terms.

Step 2: Calculate 15% of "A"		
"B"	0.15	
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 <i>not counting</i> 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 "B"] to calculate remaining placement capacity under rule 7.1		
"A" x 0.15		
Note: number must be same as shown in Step 2		
Subtract "C"		
Note: number must be same as shown in Step 3		
<i>Total</i> ["A" x 0.15] – "C"		

⁺ 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"		
Note: number must be same as shown in Step 1 of Part 1		
Step 2: Calculate 10% of "A"		
"D"	0.10	
	Note: this value cannot be changed	
Multiply "A" by 0.10		
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: 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 		

Appendix 3B Page 12 04/03/2013

⁺ 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		
<i>Total</i> ["A" x 0.10] – "E"		
	Note: this is the remaining placement capacity under rule 7.1A	

⁺ See chapter 19 for defined terms.

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.		
Introduc 04/03/13		8, 01/09/99, 01/07/00, 30/09/01, 11/03/02, 01/01/03, 24/10/05, 01/08/12,
	of entity	
Bubs	s Australia Limited	
ABN		
63 06	60 094 742	
We (t	the entity) give ASX the following	g information.
	1 - All issues ust complete the relevant sections (attac	h sheets if there is not enough space).
1	⁺ Class of ⁺ securities issued or to be issued	Fully paid ordinary shares
2	Number of *securities issued or	Pursuant to the Company's announcement
4	to be issued (if known) or	dated 3 November 2017:
	maximum number which may be issued	• 25,000,000 fully paid ordinary shares issued pursuant to a placement to
		professional and sophisticated
		investors; and8,331,933 fully paid ordinary shares
		issued pursuant to a share purchase plan
3	Principal terms of the	Fully paid ordinary shares
J	*securities (e.g. if options, exercise price and expiry date; if	runy para oramary snares
	partly paid +securities, the	
	amount outstanding and due dates for payment; if	
	+convertible securities, the conversion price and dates for	
	conversion)	

⁺ 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?	Yes
	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	
5	Issue price or consideration	\$0.60 per fully paid ordinary share
6	Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)	Placement of shares to professional and sophisticated investors and share purchase plan (refer to ASX announcement dated 3 November 2017)
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	Yes
6b	The date the security holder resolution under rule 7.1A was passed	14 December 2017
6c	Number of *securities issued without security holder approval under rule 7.1	5,000

Appendix 3B Page 2 04/03/2013

⁺ See chapter 19 for defined terms.

6d	Number of *securities issued with security holder approval under rule 7.1A	Nil	
6e	Number of *securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)	shareholders of 216,550,250 see	curities (approved by n 14 December 2017) curities (approved by n 8 December 2016)
6f	Number of *securities issued under an exception in rule 7.2	Nil	
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.	Nil	
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	46,104,619 (7.1) 30,739,746 (7.1A)	
7	*Issue dates 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.	20 December 2017	
	Cross reference: item 33 of Appendix 36.		
		Number	+Class
8	Number and *class of all *securities quoted on ASX (including the *securities in section 2 if applicable)	259,443,793	Fully paid ordinary shares

⁺ 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
47,959,050	Fully paid ordinary shares escrowed until 20 December 2018
5,844,242	10c Options escrowed until 20 December 2018
3,573,108	10c Options

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

N/A

Part 2 - Pro rata issue

11	Is security holder approval required?	N/A
12	Is the issue renounceable or non-renounceable?	N/A
13	Ratio in which the *securities will be offered	N/A
14	*Class of *securities to which the offer relates	N/A
15	⁺ Record date to determine entitlements	N/A
16	Will holdings on different registers (or subregisters) be aggregated for calculating entitlements?	N/A
	Cherenenes.	
	Delta Can destitue antid	DT/A
17	Policy for deciding entitlements in relation to fractions	N/A

Appendix 3B Page 4 04/03/2013

⁺ See chapter 19 for defined terms.

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.	N/A
19	Closing date for receipt of A acceptances or renunciations	N/A
20	Names of any underwriters	N/A
21	Amount of any underwriting fee N or commission	N/A
22	Names of any brokers to the Nissue	N/A
23	Fee or commission payable to the broker to the issue	N/A
24	Amount of any handling fee payable to brokers who lodge acceptances or renunciations on behalf of security holders	N/A
25	If the issue is contingent on security holders' approval, the date of the meeting	N/A
26	Date entitlement and acceptance form and offer documents will be sent to persons entitled	N/A
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	N/A

⁺ See chapter 19 for defined terms.

Appendix 3B New issue announcement

28	Date rights trading will begin (if applicable)	N/A
29	Date rights trading will end (if applicable)	N/A
30	How do security holders sell their entitlements <i>in full</i> through a broker?	N/A
31	How do security holders sell <i>part</i> of their entitlements through a broker and accept for the balance?	N/A
32	How do security holders dispose of their entitlements (except by sale through a broker)?	N/A
33	⁺ Issue date	N/A
	3 - Quotation of securitieed only complete this section if you are a	
34	Type of *securities (tick one)	
(a)	*Securities described in Part	[1
(b)		end of the escrowed period, partly paid securities that become fully paid en restriction ends, securities issued on expiry or conversion of convertible

Appendix 3B Page 6 04/03/2013

⁺ See chapter 19 for defined terms.

Entities that have ticked box 34(a)

Additional securities forming a new class of securities

Tick to	Tick to indicate you are providing the information or documents		
35	1 1	securities, the names of the 20 largest holders of the ne number and percentage of additional *securities	
36		securities, a distribution schedule of the additional mber of holders in the categories	
37	A copy of any trust deed for t	he additional ⁺ securities	
Entiti	es that have ticked box 34(b)		
38	Number of *securities for which *quotation is sought	N/A	
39	⁺ Class of ⁺ securities for which quotation is sought	N/A	
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	N/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		

⁺ See chapter 19 for defined terms.

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 and *class of all *securities quoted on ASX (including the *securities in clause 38)

Number	+Class
N/A	

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.

Appendix 3B Page 8 04/03/2013

⁺ See chapter 19 for defined terms.

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: 20 December 2017

Print name: JAY STEPHENSON Company Secretary

== == == ==

⁺ 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	22,270,258 (adjusted for share consolidation completed on 12 December 2016)	
Add the following:	• On 22 December 2016 :	
Number of fully paid ⁺ ordinary securities issued in that 12 month period under an exception in rule 7.2	o 51,500,000 fully paid ordinary shares	
Number of fully paid ⁺ ordinary securities issued in that 12 month period with	o 163,400,000 fully paid ordinary shares	
shareholder approval	o 1,370,250 fully paid ordinary shares	
Number of partly paid †ordinary securities that became fully paid in that 12 month period	• On 17 February 2017:	
Note: Include only ordinary securities here –	o 280,000 fully paid ordinary shares	
other classes of equity securities cannot be added	On 8 September 2017:	
Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed	o 35,245,022 fully paid ordinary shares	
It may be useful to set out issues of securities on different dates as separate	Placement / SPP:	
line items	o 25 ,000,000	
	o 8,331,933	
	Total: 285,127,205	
	+ 22,270,258 = <u>307,397,463</u>	
Subtract the number of fully paid ⁺ ordinary securities cancelled during that 12 month period	Nil	

⁺ See chapter 19 for defined terms.

Appendix 3B Page 10 04/03/2013

"A"	307,397,463
Stop 2: Coloulate 450/ of "A"	
Step 2: Calculate 15% of "A"	T
"B"	0.15
Multiply "A" by 0.15	46,109,619
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 <i>not counting</i> those issued:	5,000
• 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"	5,000
Step 4: Subtract "C" from ["A" x "E placement capacity under rule 7.1	B"] to calculate remaining
"A" x 0.15	46,109,619
Note: number must be same as shown in Step 2	
Subtract "C"	5,000
Note: number must be same as shown in Step 3	

Total ["A" x 0.15] – "C"

04/03/2013 Appendix 3B Page 11

46,104,619

⁺ 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"	307,397,463
Note: number must be same as shown in Step 1 of Part 1	
Step 2: Calculate 10% of "A"	
"D"	0.10
	Note: this value cannot be changed
Multiply "A" by 0.10	30,739,746
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: 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

Appendix 3B Page 12 04/03/2013

⁺ 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	30,739,746
Note: number must be same as shown in Step 2	
Subtract "E"	Nil
Note: number must be same as shown in Step 3	
<i>Total</i> ["A" x 0.10] – "E"	30,739,746
	Note: this is the remaining placement capacity under rule 7.1A

⁺ See chapter 19 for defined terms.