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	f entity	
Nagan	nbie Resources Limited	
ABN		
42 111 5	87 163	
We (th	ne entity) give ASX the following	information.
	1 - All issues st complete the relevant sections (attach	sheets if there is not enough space).
1	*Class of *securities issued or to be issued	Options issued to Directors, employees and service providers.
2	Number of *securities issued or to be issued (if known) or maximum number which may be issued	10,500,000
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)	Exercise price: \$0.108 Vesting Date: 23 November 2018 Expiry Date: 23 November 2023

⁺ See chapter 19 for defined terms.

Upon the exercise of the Options, resulting Do the *securities rank equally in 4 shares will rank equally with the fully paid all respects from the +issue date with an existing *class of quoted shares on issue. +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 Issue price or consideration Nil. 5 6 Purpose of the issue Options are issued as an incentive for (If issued as consideration for the services provided to the Company acquisition of assets, clearly identify those assets) 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 6b The date the security holder 23 November 2018. resolution under rule 7.1A was passed 6c Number of *securities issued 2,500,000 without security holder approval under rule 7.1 6d Nil. Number of *securities issued with security holder approval under rule 7.1A

6e	Number of *securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)	Nil.	
6f	Number of *securities issued under an exception in rule 7.2	8,000,000	
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	7.1 Capacity: 41,487,640 7.1A Capacity: 42,610,0	
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.	23 November 2018.	
8	Number and *class of all *securities quoted on ASX (including the *securities in section 2 if applicable)	Number 435,777,802	⁺ Class 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
4,750,000	Options exercisable at \$0.10 vesting 3 December 2013 and expiring on 3 December 2018.
10,100,000	Options exercisable at \$0.10 vesting 28 November 2014 and expiring on 28 November 2019.
3,300,000	Options exercisable at \$0.10 vesting 29 October 2015 and expiring on 16 November 2020.
8,000,000	Options exercisable at \$0.10 vesting 16 November 2015 and expiring on 16 November 2020.
2,000,000	Options exercisable at \$0.255 vesting 4 July 2016 and expiring on 4 July 2021.
12,500,000	Options exercisable at \$0.25 vesting 30 November 2016 and expiring on 30 November 2021.
13,750,000	Options exercisable at \$0.10 vesting 24 November 2017 and expiring on 24 November 2022.
1,000,000	Options exercisable at \$0.141 vesting 20 December 2017 and expiring on 20 December 2022.
4,500,000	Options exercisable at \$0.126 vesting 22 August 2018 and expiring on 22 August 2023.
10,500,000	Options exercisable at \$0.108 vesting 23 November 2018 and expiring on 23 November 2023.
18,680,000	Convertible notes each convertible into 1 ordinary share on or before 15 April 2020.
3,333,333	Convertible notes each convertible into 1 ordinary share on or before 17 September 2021.
18,000,000	Convertible notes each convertible into 1 ordinary share on or before 17 November 2022.

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

The Directors of the Company may from time to time determine to distribute the profits of the Company by way of dividend amongst the Shareholders in proportion to the amounts paid up on the Shares held by them.

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.
	endicinents:	
17	Policy for deciding entitlements in relation to fractions	N/A.
18	Names of countries in which the entity has security holders who will not be sent new offer	N/A.
	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	N/A.

⁺ See chapter 19 for defined terms.

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.
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.

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⁺ See chapter 19 for defined terms.

32	How do security holders dispose of their entitlements (except by sale through a broker)?	N/A.		
33	⁺ Issue date	N/A.		
	B - Quotation of securities I only complete this section if you are app			
34	Type of *securities (tick one)			
(a)	*Securities described in Part	i 1		
(b)		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		
Entitie	s that have ticked box 34(a)			
Additi	onal securities forming a new	class of securities		
Tick to docume	indicate you are providing the informatents	tion or		
35	1 1	securities, the names of the 20 largest holders of the the number and percentage of additional *securities		
36	1 1	y securities, a distribution schedule of the additional umber of holders in the categories		
37	A copy of any trust deed for	the additional *securities		

⁺ See chapter 19 for defined terms.

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

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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: 23 November 2018

(Company secretary)

Print name: Alfonso Grillo

⁺ 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	403,935,912	
 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 	3,150,000 fully paid ordinary shares (Issued 18 June 2018, Rule 7.2, Exception 4). 2,200,000 fully paid ordinary shares (Issued 13 August 2018, Rule 7.2, Exception 4). 16,814,473 fully paid ordinary shares (Issued 17 October 2018, Rule 7.2, Exception 15).	
"A"	426,100,385	

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⁺ See chapter 19 for defined terms.

Step 2: Calculate 15% of "A"	
"B"	0.15
	[Note: this value cannot be changed]
Multiply "A" by 0.15	63,915,057
Step 3: Calculate "C", the amount 7.1 that has already been used	of placement capacity under rule
Insert number of +equity securities issued	4,750,000 options (24 November 2017)
or agreed to be issued in that 12 month period <i>not counting</i> those issued:	1,000,000 options (20 December 2017)
Under an exception in rule 7.2	4,500,000 options (22 August 2018)
• Under rule 7.1A	9,677,417 shares (17 October 2018)
 With security holder approval under rule 7.1 or rule 7.4 	2,500,000 options (23 November 2018)
 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"	22,427,417
Step 4: Subtract "C" from ["A" x ' placement capacity under rule 7.1	-
"A" x 0.15	63,915,057
Note: number must be same as shown in Step 2	
Subtract "C"	22,427,417
Note: number must be same as shown in Step 3	
<i>Total</i> ["A" x 0.15] – "C"	41,487,640
	[Note: this is the remaining placement capacity under rule 7.1]

⁺ 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		
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 42,610,038		
Step 3: Calculate "E", the amount 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		

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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	42,610,038	
Note: number must be same as shown in Step 2		
Subtract "E"	0	
Note: number must be same as shown in Step 3		
<i>Total</i> ["A" x 0.10] – "E"	42,610,038	
	Note: this is the remaining placement capacity under rule 7.1A	

⁺ See chapter 19 for defined terms.