

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 of entity

Vango Mining Limited

ABN

68 108 737 711

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	Ordinary fully paid shares and Unlisted Options	
2	Number of +securities issued or to be issued (if known) or maximum number which may be issued	Equity Securities	Number
		Shares	1,740,000
		Unlisted Options	15,613,014
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)	Ordinary fully paid shares Unlisted options: each with a right to be issued one share for an exercise price of \$0.27 per share and expiring one year from the issue date (expiring 21 November 2020)	

+ See chapter 19 for defined terms.

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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: <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 	Equity Securities	
		Shares	Yes
		Unlisted Options	Not Applicable

5	Issue price or consideration	Equity Securities	Price per Equity Security
		Shares	\$0.15
		Unlisted Options	\$0.00

6	Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)		Shares	Unlisted Options
			Number	Number
		Issued 20 November 2019	13,873,014	-
		Issued 21 November 2019: Repayment of debt	-	12,206,348
		Part cash placement for planned exploration and development of the Company's 100%-owned Marymia Gold Project in the mid-west region of Western Australia, including working capital.	1,740,000	3,406,666
		1,740,000	15,613,014	
	Total	15,613,014	15,613,014	

6a	Is the entity an ⁺ eligible entity that has obtained security holder approval under rule 7.1A? If Yes, complete sections 6b – 6h <i>in relation to the ⁺securities the subject of this Appendix 3B</i> , and comply with section 6i	Yes
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6b	The date the security holder resolution under rule 7.1A was passed	30 November 2018
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6c	Number of +securities issued without security holder approval under rule 7.1	15,613,014													
6d	Number of +securities issued with security holder approval under rule 7.1A	1,740,000													
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	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.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%;">Date</th> <th style="width: 20%;">\$</th> </tr> </thead> <tbody> <tr> <td>Issue Price</td> <td style="text-align: center;">21 November 2019</td> <td style="text-align: center;">\$0.1500</td> </tr> <tr> <td>15-day VWAP (source: Boardroom Pty Limited)</td> <td style="text-align: center;">21 November 2019</td> <td style="text-align: center;">\$0.1629</td> </tr> <tr> <td>Issue Price / 15-day VWAP</td> <td></td> <td style="text-align: center;">92.1%</td> </tr> </tbody> </table>			Date	\$	Issue Price	21 November 2019	\$0.1500	15-day VWAP (source: Boardroom Pty Limited)	21 November 2019	\$0.1629	Issue Price / 15-day VWAP		92.1%
	Date	\$													
Issue Price	21 November 2019	\$0.1500													
15-day VWAP (source: Boardroom Pty Limited)	21 November 2019	\$0.1629													
Issue Price / 15-day VWAP		92.1%													
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	12,206,348 free attaching unlisted options issued for repayment of pre-existing debt. Refer ASX market announcement lodged 13 November 2019.													
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	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;"></th> <th style="width: 30%;">Number of Equity Securities</th> </tr> </thead> <tbody> <tr> <td>Listing Rule 7.1</td> <td style="text-align: right;">32,716,663</td> </tr> <tr> <td>Listing Rule 7.1A</td> <td style="text-align: right;">47,637,488</td> </tr> </tbody> </table>			Number of Equity Securities	Listing Rule 7.1	32,716,663	Listing Rule 7.1A	47,637,488						
	Number of Equity Securities														
Listing Rule 7.1	32,716,663														
Listing Rule 7.1A	47,637,488														
7	<p>+Issue dates</p> <p><small>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.</small></p> <p><small>Cross reference: item 33 of Appendix 3B.</small></p>	21 November 2019													

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	Number	+Class		
8	Number and +class of all +securities quoted on ASX (including the +securities in section 2 if applicable)	657,627,077	Ordinary fully paid shares	
		16,253,904	Options each exercisable at A\$0.27 to be issued for one ordinary fully paid share on or before 11 July 2020	
9	Number and +class of all +securities not quoted on ASX (including the +securities in section 2 if applicable)	Number	+Class	
		Performance Options		
			Exercise Price per Share	Expiry Date (period from issue date)
			Cents	
		12,500,000	Category A	25.0
		12,500,000	Category B	25.0
		25,000,000	Category C	30.0
		12,500,000	Category D	35.0
		12,500,000	Category E	50.0
		25,000,000	Category F	60.0
	100,000,000			
The Performance Options are also subject to various performance hurdles, as disclosed in the Company's Notice of General Meeting dated 30 April 2019.				
	Number	+Class		
	Unlisted Options			
	Exercise Price per Share	Expiry Date (period from issue date)		
	Cents			
	15,613,014	27.0	One (1) year	
	Convertible note with principal of A\$2,500,000	Convertible Note <ul style="list-style-type: none"> • Principal: A\$2,500,000 • Interest rate: 8% per annum and all interest is payable at maturity. • Security: Unsecured • Maturity: 19 March 2020 • Conversion mechanism: Holder can convert all or part of the note principal at any time until the Maturity Date, at a fixed price of A\$0.07 per Share. • Maximum number of shares into which loan can convert: 35,714,285 (A\$2,500,000 / A\$0.07). 		

+ See chapter 19 for defined terms.

Convertible note with principal of A\$10,000,000	Convertible Note <ul style="list-style-type: none"> • Principal: A\$10,000,000 • Interest rate: 12% per annum and all interest is payable at maturity. • Security: Unsecured • Maturity: 4 February 2021 • Conversion mechanism: Holder can convert all or part of the note principal at any time until the Maturity Date, at a fixed price of A\$0.27 per Share. • Maximum number of shares into which loan can convert: 37,037,037 (A\$10,000,000 / A\$0.27).
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10 Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)	There has been no change to dividend policy.
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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
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 documents <small>Note: Security holders must be told how their entitlements are to be dealt with.</small> <small>Cross reference: rule 7.7.</small>	N/A
19 Closing date for receipt of acceptances or renunciations	N/A

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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
32	How do security holders dispose of their entitlements (except by sale through a broker)?	N/A
33	+Issue date	N/A

+ See chapter 19 for defined terms.

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

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

+ See chapter 19 for defined terms.

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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

N/A

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)

N/A

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

Number	+Class
N/A	N/A

+ See chapter 19 for defined terms.

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.
- 4 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: 21 November 2019
(Director/Company secretary)

Print name: Ian Morgan

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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			
<i>Step 1: Calculate “A”, the base figure from which the placement capacity is calculated</i>			
<i>Insert</i> number of fully paid +ordinary securities on issue 12 months before the +issue date or date of agreement to issue		585,867,703	
<i>Add</i> 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 <i>Note:</i> <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> 	Date	Number	
		22 November 2018	9,792,782
		28 November 2018	119,285
		20 December 2018	103,143
		8 January 2019	596,936
		10 January 2019	469,620
		18 June 2019	30,000,000
		19 July 2019	5,555,555
		Total	46,637,321
	<i>Subtract</i> the number of fully paid +ordinary securities cancelled during that 12 month period		Nil
“A”		632,505,024	

+ 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	94,875,753		
Step 3: Calculate “C”, the amount of placement capacity under rule 7.1 that has already been used			
<p><i>Insert</i> 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> 	Date	Equity Security	Number
	31 May 2019	Shares	1,470,588
	20 June 2019	Convertible Loan	37,037,037
	19 July 2019	Shares	3,504,171
	2 October 2019	Shares	4,534,280
	21 November 2019	Unlisted Options	15,613,014
“C”	62,159,090		
Step 4: Subtract “C” from [“A” x “B”] to calculate remaining placement capacity under rule 7.1			
“A” x 0.15 <i>Note: number must be same as shown in Step 2</i>	94,875,753		
Subtract “C” <i>Note: number must be same as shown in Step 3</i>	62,159,090		
Total [“A” x 0.15] – “C”	32,716,663 <i>[Note: this is the remaining placement capacity under rule 7.1]</i>		

+ 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>	632,505,024		
Step 2: Calculate 10% of “A”			
“D”	0.10 <i>Note: this value cannot be changed</i>		
Multiply “A” by 0.10	63,250,502		
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 <i>Notes:</i> <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 	Date	Equity Security	Number
	20 November 2019	Shares	13,873,014
	21 November 2019	Shares	1,740,000
“E”	15,613,014		
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>	63,250,502		
Subtract “E” <i>Note: number must be same as shown in Step 3</i>	15,613,014		
Total [“A” x 0.10] – “E”	47,637,488 <i>(Note: this is the remaining placement capacity under rule 7.1A)</i>		

+ See chapter 19 for defined terms.